

DOCKETED	
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Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	228307
Document Title:	COM-6, SERC Monthly Compliance Report No. 3 (MCR) for April, 2019
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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 3
Reporting Period: April 2019



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

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Key Events List

PROJECT:	Stanton Energy Reliability Center	
DOCKET #:	16-AFC-01	
COMPLIANCE PROJECT MANAGER:	John Heiser	
EVENT DESCRIPTION		DATE
CEC Decision Date		November 7, 2018
Obtain Site Control		February 12, 2019
Online Date		June 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		TBD
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 June 1, 2020; LM6000 July 1, 2020
Complete All Construction		April 28, 2020
TRANSMISSION LINE ACTIITIES		
Start Transmission Line Construction		July 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		June 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: April 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 April 2019.

Activity	Percent Complete
Engineering	
Power Island	98%
CBO Support	40%
BESS Design	1%
Procurement	
Owner Supplied Equipment	65%
Contractor Supplied Equipment	26.4%
Construction	3%
Power Island	4.22%
BESS	0%

1.1 Engineering

Through the month of April 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 CBO and CPM to review progress.

Additional weekly meetings are held with PEI, WCI and the CBO to review each discipline e.g. Electrical, Structural, Civil and Mechanical.

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 65% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 26.4% complete.

1.3 Construction

Conducting Daily Pre-Job Briefings and Weekly all Hands Safety Meetings.

Excavation of Parcel 1 continued in April, but progress was slow. The alternative soil disposal site approved in late March was only able to receive material for 5 days when it became full. A third and fourth site were located and material was hauled to the Tustin site during the final week of April.

The vehicle bridge abutments were completed and the bridge deck was set in place on April 23, 2019.

Work began on the foundations for the ammonia storage tank sump and the drain sump were placed to allow backfill of this deep excavation to allow work to progress on remaining foundations in that area. The generator step up transformer foundations and utility rack foundations were started along with the 15kV duct bank and other smaller duct banks in the ammonia storage and Unit 2 areas.

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

1.4 Explanation of Significant Changes to the Schedule

There have been no significant changes to the schedule during this reporting period. A baseline project schedule provided by the construction contractor was updated as of the end of March 2019 and is attached as Exhibit 1. SERC is working with the construction contractor to finalize the baseline schedule.

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.

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

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 AQCMM'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 AQCMM'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 AQCMM's monthly report in Attachment 3.

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

BIO-3: SERC requested that Cara Snellen be approved as an additional Biological Monitor on April 9, 2019. The request was approved by the CPM on April 18, 2019.

BIO-5: During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 199. Documentation of worker training records for the reporting period is included in Appendix D 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-11: There were no notices, warnings, citations or fines during this reporting period. SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5th to better understand his complaint.

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. The complaint has been logged in the Complaint Log found in Attachment 21 of this MCR.

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

CUL-1: SERC provided the CPM with the resumes for two (2) Alternate Cultural Resource Specialists: Gloriella Cardenas, M.A., RPA and Natalie Lawson, M.A., RPA. Both were approved by the CPM.

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 resources reports being submitted to the CPM and in the monthly Cultural Resources Report included as Attachment 6 of this MCR.

CUL-5: During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 199. 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.

CUL-8: Due to the sand content of the soil being excavated on the Dale parcel exceeding 30%, the soil was rejected by the Olinda Alpha Landfill. SERC, working with its contractor, identified an Alternate Disposal Site. The site was a construction site at The Village of Tustin Legacy, 15000-200 Kensington Park Drive, Tustin, CA. Phil Reid, the CRS, conducted a cultural resources survey of the site and cleared it for soil disposal. The remaining 4000 cu-yds of excavated soil were deposited there. The acceptance report is in Attachment 22.

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

HAZ-4: The DCBO's approval of the final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault was sent to the CPM.

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 CBO during this reporting period is included in Attachment 10.

GEN-5: Carl Henderson was approved by the DCBO as a geotechnical engineer and the approval was forwarded to the CPM. Gene Custenborder was approved as an engineering geologist by the DCBO and the approval was forwarded to the CPM.

GEN-6: There were no additional special inspectors approved during the reporting period. (Attachment 11)

GEN-7: There were no Design Discrepancy Corrections during this reporting period 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: A submittal was made to the CPM requesting approval of Castle Spike Toppers for the fence design. Usage of the Castle Spike Topper as a security measure has been approved by the City of Stanton.

NOISE-2: SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave,

Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5th to better understand his complaint.

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 required by this condition of certification was submitted to the CPM documenting the complaint.

NOISE-6: The reporting of NOISE 6 in this MCR relates to soil removal and the disposal of the soil at the Tustin Site (See CUL-8 above).

The Construction Noise Ordinance in the City of Tustin states the following:

The erection, demolition, alteration, repair, excavation, grading, paving or construction of any building or site is prohibited between the hours of 6:00 p.m. and 7:00 a.m., Monday through Friday and 5:00 p.m. and 9:00 a.m. on Saturdays and during all hours Sundays and city observed federal holidays. Trucks, vehicles and equipment that are making or are involved with material deliveries, loading or transfer of materials, equipment service, maintenance of any devices or appurtenances to any construction project in the City shall not be operated on or adjacent to said sites outside of the approved hours for construction activity.

SERC hereby confirms that it's soil disposal operations in the City of Tustin followed Tustin's Noise Ordinance.

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

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

PAL-5: During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 199. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

Soil & Water-4: The monthly water use for SERC during the reporting period was 12,640 CF. Daily water usage is provided within Attachment 14.

STRUC-1: Documentation of CBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16.

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

STRUC-4: There were no tanks or vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC being installed during this reporting period.

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

TRANS-2: During soil disposal to the Tustin site (see CUL-8 above) SERC's contractors remained in compliance with local regulations and utilized local truck routes. A "No Left Turn" sign remained posted at the Dale Ave exit and flag men were on hand to prohibit any left hand turns onto Dale Ave. The Tustin disposal site is roughly 16 miles from SERC.

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

TRANS-7: ARB filed the Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration with the FAA so the FAA could conduct their hazard determination for the crane that will exceed 153 ft. A copy of the filing was forwarded to the CPM in accordance with this condition of certification.

TRANS-8: Questions were received from the Fullerton Municipal Airport on April 2, 2019 regarding the Pilot Notification Awareness letter sent in March. The correspondence was documented and forwarded to the CPM. On April 11, 2019, additional comments were received from The Fullerton Municipal Airport and from The Los Alamitos Army Airfield. Again, this correspondence was documented and forwarded to the CPM.

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 1 eco pan 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-10: Condition of Certification Waste-10 requires that a permit be obtained from Orange County Waste and Recycling prior to disposing of soils at the Olinda Alpha Landfill. Additionally, if soils are to be disposed of at any alternate legally operating disposal site, approval of soils disposal at that site must be obtained in writing from that site. The approval to the Tustin disposal site (See CUL-8 above) is included within this MCR as Attachment 22.

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.

WORKER SAFETY-7: The Reference Fire Protection Design Basis Documents, The Underground Fire Protection Reference Documents and the Reference Fire Alarm Documents were submitted to the CPM, OCFA and the CBO.

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

ARB filed the Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration with the FAA so the FAA could conduct their hazard determination for the crane that will exceed 153 ft. A copy of the filing, a submittal correcting the elevation and a confirmation email from the FAA can be found 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 April 2019. There was one noise complaint received, which is discussed in Section 4 of this MCR.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB BL Sched)				WBS Summary				09-Apr-19 11:13																							
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019												2020											
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep					
SERC Baseline Project Master Schedule (w/ARB BL Sc		701	63.7%	26-Oct-16 A	01-Jul-20	0	0																								
LM6000 RAPA Key Milestone		0	0%	01-Jul-20	01-Jul-20	0	0																								
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	0	0																								
Storage RAPA Key Milestone		0	0%	01-Jun-20	01-Jun-20	18	0																								
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	18	0																								
GIA Key Milestones		34	0%	01-Feb-20	01-Apr-20	51	0																								
6	In-Service Date (Initial Backfeed - Liquidated Damage	0	0%		01-Feb-20*	121	0																								
7	Initial Synchronization Date/Trial Operation (No Later	0	0%		02-Mar-20*	69	0																								
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	51	0																								
Pre-construction Activities		701	34.45%	26-Oct-16 A	11-Oct-19	145	0																								
CEC Permitting		434	100%	26-Oct-16 A	12-Feb-19 A		0																								
12	Presiding Members Proposed Decision (PMPD) issue	1	100%	08-Oct-18 A	08-Oct-18 A		0																								
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0																								
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0																								
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0																								
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0																								
Pre-Construction Compliance (CEC)		47	100%	13-Nov-18 A	12-Feb-19 A		0																								
SCAQMD Air Permit		0	0%	15-Nov-18 A	15-Nov-18 A		0																								
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0																								
Engineering		575	85.2%	29-Oct-18 A	29-Aug-19	169	0																								
24	"Issued For Bid" Engineering Package for Contractor Pricing refresh	174	100%	31-Oct-18 A	31-Oct-18 A		0																								
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0																								
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0																								
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0																								
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0																								
29	Assemble Engineering into CBO submittal packages	148	42.57%	11-Dec-18 A	29-Aug-19*	169	0																								
Real Properties or Land Control		394	100%	06-Aug-18 A	25-Feb-19 A		0																								
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0																								
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																								
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																								

SERC Baseline Project Master Schedule (w/ARB BL Sched)						WBS Summary						09-Apr-19 11:13												
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019								2020								
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
35	Orange County Public Works (OCPW) Encroachment Agreement	4	100%	03-Dec-18 A	01-Feb-19 A		0																	
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0																	
Owner Supplied Equipment (OSE) Procurement Schedule		342	58.09%	08-Feb-18 A	11-Oct-19	145	0																	
LM6000 Packages		190	53.65%	22-Feb-18 A	01-Aug-19	185	0																	
Emissions Reduction Unit (ERU)		340	57.92%	08-Feb-18 A	11-Oct-19	145	0																	
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19	220	0																	
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A		0																	
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19	254	0																	
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0																	
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0																	
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0																	
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0																	
83	Short list two construction contractors and negotiate draft contracts	28	100%	04-Oct-18 A	26-Nov-18 A		0																	
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0																	
86	Final Bids Turned In	0	100%		14-Dec-18 A		0																	
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0																	
88	Execute Construction Contract	0	100%		21-Dec-18 A		0																	
89	Make executed construction contract available in the SERC due diligence data room	0	100%		21-Dec-18 A		0																	
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0																	
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A		0																	
CEC Compliance		217	17.34%	19-Dec-18 A	19-Feb-20	75	0																	
CBO Activity		217	17.34%	19-Dec-18 A	19-Feb-20	75	0																	
98	CBO Contract Execution	0	100%	19-Dec-18 A			0																	
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0																	
CBO performance of duties		217	17.34%	26-Dec-18 A	19-Feb-20	75	0																	
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0																	
103	Perform Plan Check of Submittals	148	31.08%	27-Dec-18 A	30-Sep-19	152	0																	
102	Inspector On Site	390	16.67%	04-Feb-19 A	19-Feb-20	133	0																	
LM6000 Construction Schedule		270	28.4%	09-Nov-18 A	13-Mar-20	61	0																	
Stanton Energy Reliability Center - Baseline Schedule		270	28.4%	09-Nov-18 A	13-Mar-20	61	0																	
Milestones		270	46.45%	09-Nov-18 A	13-Mar-20	61	0																	
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Work</div> <div><div></div> Critical Remaining Work</div> <div><div></div> Actual Level of Effort</div> <div><div></div> Remaining Work</div> <div><div></div> Milestone</div> <div><div></div> Milestone</div>						Page 2 of 3						TASK filter: Not Level Of Effort.						© Oracle Corporation						

SERC Baseline Project Master Schedule (w/ARB BL Sched)				WBS Summary				09-Apr-19 11:13																	
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2019								2020									
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	Contract Milestones	270	81.36%	09-Nov-18 A	13-Mar-20	61	0										◆			◆					
	Project Milestones	195	47.54%	14-Jan-19 A	30-Dec-19	53	0								◆		◆			◆					
	Construction	215	18.59%	22-Jan-19 A	11-Feb-20	79	1																		
	Mobilization	18	100%	22-Jan-19 A	22-Feb-19 A		0																		
	Site Preparation	31	100%	05-Feb-19 A	29-Mar-19 A		0																		
	Vehicle Bridge	64	48.75%	05-Feb-19 A	28-May-19	63	-22																		
	UG Electrical	93	25.05%	19-Feb-19 A	01-Aug-19	71	-1																		
	UG Piping	89	19.82%	28-Feb-19 A	05-Aug-19	60	0																		
	Foundations	132	20%	13-Feb-19 A	04-Oct-19	38	0																		
	U2 Equipment Installation	123	0%	23-Apr-19	02-Dec-19	7	0																		
	U1 Equipment Installation	125	0%	26-Apr-19	10-Dec-19	3	0																		
	BOP Equipment Installation	160	0.5%	26-Apr-19	11-Feb-20	79	1																		
	Structural Steel	77	2.08%	28-Mar-19 A	12-Aug-19	51	-5																		
	AG Piping	118	0%	01-Apr-19	25-Oct-19	14	0																		
	Pre-Commissioning	62	0%	02-Aug-19	20-Nov-19	4	0																		
	Commissioning	70	0%	09-Aug-19	14-Dec-19	0	0																		
	Demobilization	8	0%	16-Dec-19	30-Dec-19	53	0																		
	BESS Construction Schedule	83	0%	02-Dec-19	28-Apr-20	36	0																		

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

◆

◆ Milestone

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TASK filter: Not Level Of Effort.

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Attachment 2 – COM-5 Compliance Matrix

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre- Construction								
2	All Phases													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)) Not Started	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	
37	AQ	AQ-D8a	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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 DP pressure gauge	Prior to first fire	12/14/2019														
38	AQ	AQ-D8b	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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
39	AQ	AQ-D8c	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	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 DP pressure gauge	Once every 12 months	ongoing														Not Started
40	AQ	AQ-E1	CONS	The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC-01 project. [CA PRC CEQA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make the site available for inspection	on going	ongoing														Not Started
41	AQ	AQ-E2	CONS	Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Owner to make site available for inspection of records by District, ARB, US EPA, and the Commission.	representatives of the District, ARB, U.S. EPA and the Energy Commission.	NA	conditional	Not Started													
42	AQ	AQ-E3	COM/OPS	Commissioning Hours - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	Submit all records to demonstrate compliance in the Quarterly Operational Report. Owner to make site available for inspection of records by District, ARB, US EPA, and Commission.	Submit records including total commissioning hours, emission hours without control, natural gas fuel use for pre-catalyst phase and catalyst phase per turbine.	Submit compliance documentation as part of the Quarterly Operational Report, per AQ-SC7	ongoing	Not Started													
43	AQ	AQ-E4	COM/OPS	CO2 Emission Limit - 120 lbs/MMBtu CO2 emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/MMBtu CO2 emission limit shall be determined on a 12-operating-month rolling average basis.	Submit all emissions and emission calculations to demonstrate compliance to the CPM for approval.	Submit all emissions and emission calculations as part of the 4th Quarterly Operational Report (AQ-SC7).		ongoing	Not Started													
44	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	Not Started													

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre- Construction							
2	All Phases													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)) Conditional	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
162	CUL	CUL-7d	CONS/COM	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	conditional													
163	CUL	CUL-7e	CONS/COM	Comments or Information Provided by Native Americans (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	conditional		Conditional										JACOBS	GAL
164	CUL	CUL-8a	CONS	Fill Soils, Borrow or Fill Site Documentation - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Approved	3/29/2018									JACOBS	GAL
165	CUL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non-commercial borrow/disposal site	3/29/2019	3/29/2019	Approved	3/29/2019									JACOBS	GAL
166	ELEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	TBD		In Progress				1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-10.0: 3/29/19	1-1.0: PC 1 conditionally approved 2/5/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-2.0: 2/15/19 1-5.0: 3/14/19 1-6.0: 4/5/19 1-7.0: 3/20/19 1-10.0: 4/16/19					SERC	TAT

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre- Construction							
2	All Phases													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	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
170	GEN	GEN-1c	OPS	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision 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 CBSC is in effect, the 2016 CBSC 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 that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	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	TBD		Not Started											
171	GEN	GEN-2a	PC	Schedule of Drawings, Master Drawings, Specification Lists - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See Decision GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	At least 60 days (or a project owner and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed	11/20/2018				2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19				POWER	TAT
172	GEN	GEN-2b	PC/CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly Compliance Report		In Progress					1/18/2019	1/23/2019				SERC	GAL
173	GEN	GEN-3a	PC/CONS/COM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	monthly		In Progress					monthly					SERC	RRF/JLJ

	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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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)) In Progress	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
174	GEN	GEN-3b	PC/CONS/COM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Receipt of Payment with the MCR	Monthly	monthly							monthly						
175	GEN	GEN-4a	PC	Resident Engineer - Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition (see Decision GEN-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	NA				Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
176	GEN	GEN-4b	PC/CONS	Approval of RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	12/8/2018	1/18/2019	Completed	NA				Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
177	GEN	GEN-4c	PC/CONS	Approval of Newly Assigned RE - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number	conditional		Conditional	NA				2/6/2019	2/12/2019				SERC	TAT
178	GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	conditional	2/6/2019	Conditional	NA				2/6/2019	2/12/2019				SERC	GAL
179	GEN	GEN-5a	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	NA				Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
180	GEN	GEN-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed	NA				Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
181	GEN	GEN-5c	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		In Progress					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
182	GEN	GEN-5d	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the responsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019		In Progress					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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2	All Phases													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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager TAT
193	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	Within 90 days of the completion of construction	TBD		Not started											
194	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; and 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				NV5	TAT
195	GEO	GEO-1b	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018				1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				SERC	GAL
196	HAZ	HAZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in Appendix B,	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of	Submit Hazardous Materials Business Plan in the Annual Compliance Report.		12/31/2020		Not started										SERC	DSR
197	HAZ	HAZ-2a	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to	Final HMBP and SPCC to CPM	At least 30 days before receiving hazardous materials on site	TBD		Not started					(Ref Only)					SERC	DSR
198	HAZ	HAZ-2b	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the	Final RMP to Certified Unified Program Agency (the	At least 30 days before aqueous ammonia on site	TBD		Not started					(Ref Only)					SERC	DSR
199	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified	Final RMP to CPM	At least 30 days before aqueous ammonia on site	TBD		Not started					(Ref Only)					SERC	DSR
200	HAZ	HAZ-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	TBD		Not started					(Ref Only)					SERC	DSR

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3														Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	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
208	HAZ	HAZ-9	CONS/OPS	Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	TBD		Not started					(Ref Only)					Power	DSR
209	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	TBD		In Progress					1.1 : 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5:4/4/19 (Ref Only)	1.1 : 2/26/19 1.2: 2/27/19 conditional 1.3: 2/127/19 conditional 1.4: 3/11/19 conditional 1.5:				Power	TAT
210	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					(Ref Only)	1.2: 2/8/19				SERC	GAL
211	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					(Ref Only)	1.3: 2/11/19				SERC	GAL

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
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3															Commissioning							
4				Revised 4/30/2019		Based on Final Staff Assessment									Operations							
5		Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	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
218		NOISE	NOISE-1b	PC	Telephone Number Confirmation - 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	12/21/2018									SERC	GAL
219		NOISE	NOISE-2a	CONS/COM/OPS	Noise Complaint Process - 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	In Progress										SERC	GAL
220		NOISE	NOISE-2b	CONS/COM/OPS	Noise Complaint Resolution - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	conditional		Conditional										SERC	GAL
221		NOISE	NOISE-3	PC	Employee Noise Control Program - Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance with Title 8, California Code of Regulations, Sections 5095-5099, and Title 29, Code of Federal Regulations, Section 1910.95.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019				1/15/2019 (Ref Only)	1/18/2019				SERC	GAL
222		NOISE	NOISE-4a	COM/OPS	Operational Noise Survey - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See Decision NOISE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	TBD		Not Started										Innova	DSR
223		NOISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey	Within 15 days after the survey	TBD		Not Started										Innova	DSR
224		NOISE	NOISE-4c	COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	TBD		Not Started										Innova	DSR
225		NOISE	NOISE-5	COM/OPS	Occupational Noise Survey - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Noise Survey Report	Within 30 days after completing each survey	TBD		Not Started					(Ref Only)					Innova	DSR

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242	PAL	PAL-6a	CONS	Paleontological Monitoring - The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading and excavation in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The PRS may not further delegate the responsibility for determining whether full-time monitoring is necessary. (See Decision PAL-6 for specifications)	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	Daily monitoring log and summary of monitoring activities with MCR	Monthly	Monthly													
243	PAL	PAL-6b	CONS	Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMMP, which will require concurrence between the PRS and CPM. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	conditional		Conditional										JACOBS	GAL
244	PAL	PAL-7	CONS/COM/ OPS	Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities, including landscaping	TBD		Not started										JACOBS	GAL
245	PAL	PAL-8	CONS/COM/ OPS	Curation Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	TBD		Not Started										JACOBS	GAL
246	SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018				1/7/2019	1/10/2019				SERC	GAL

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247	S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	The project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19	SWPPP: 2/6/19				SERC	GAF
248	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19	SWPPP: 2/6/19				SERC	GAF
249	S&W	SOIL & WATER-1c	PC/CONS	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	conditional		Conditional					SWPPP: 1/7/19	SWPPP: 2/6/19				SERC	GAL
250	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post-construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018				PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019				SERC	GAL
251	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18				(Ref Only)					SERC	GAF
252	S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	conditional		Conditional					(Ref Only)					SERC	GAL
253	S&W	SOIL & WATER-3a	PC/CONS	Hydrostatic and Dewatering Water Discharge Permit Requirements - Prior to initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, the project owner shall obtain a National Pollutant Discharge Elimination System permit for discharge when applicable. The project owner shall comply with the requirements of the NPDES Permit Order No. CAG998001 for hydrostatic testing and dewatering (if applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) or State Water Resources Control Board (SWRCB) to the CPM and notify the CPM in writing of any reported non-compliance.	The project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018				(Ref Only)					SERC	GAL

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254	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
255	S&W	SOIL & WATER-3c	PC/CONS/OPS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL
256	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)					ARB	GAL
257	S&W	SOIL & WATER-4b	COM/OPS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress					(Ref Only)					SERC	DSR
258	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 requiremennts 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	11/29/2018	Completed	12/1/2/18				(Ref Only)					ARB	GAL
259	S&W	SOIL & WATER-5b	PC/CONS/COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	Complete	2/22/2019 3/21/2019 (update)	Completed	2/28/2019				(Ref Only)					SERC	GAL
260	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
261	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	TBD		Not Started					(Ref Only)					ARB	GAL
262	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	12/31/2020		Not Started					(Ref Only)					SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre- Construction							
2	All Phases													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)) Not Started	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 SoCalGas	SERC Project Manager GAL
263	S&W	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see Decision SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	TBD													
264	S&W	SOIL & WATER-8a	PC	Bridge Encroachment Permits - The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Orange County Public Works Department in accordance with Orange County Code – Title 9, Division 2, Article 2, Sections 9-2-40 and 9-2-50. The project owner shall pay all necessary fees to Orange County Public Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	The project owner shall provide a copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the CPM for review and approval.	Application for encroachment permit and OCPWD comments	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018				2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
265	S&W	SOIL & WATER-8b	PC	OCPWD Permit - See SOIL&WATER-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	Copy of final approved permit from OCPWD	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019				2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
266	STRUC	STRUC-1a	PC/CONS	Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See Decision STRUC-1 for specifications).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 6.0: 2/7/2019 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 10.0: 2/28/2019 12.0: 3/11/2019 13.0: 2/20/2019		In Progress	NA				1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/6/2019 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 2/12/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0: 4/16/19 12.0: 3/29/2019 13.0: 2/20/2019	1.0: 2/22/2019 2.0: 2/18/2019 3.0: 3/18/2019 (conditional) 4.0: 4/9/19 (conditional) 6.0: 3/21/2019 (conditional) 7.0: 8.0: 3/27/19 (conditional) 9.0: 4/5/19 (conditional) 10.0: 4/16/19 (conditional) 13.0: 3/11/2019				Power	GAL
267	STRUC	STRUC-1b	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly Compliance Report		In Progress					monthly					SERC	GAL
268	STRUC	STRUC-1c	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Monthly Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly Compliance Report		In Progress					monthly					SERC	GAL

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2	All Phases													Construction							
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4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	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
269		STRUC	STRUC-2a	CONS	Non-Compliance Procedures - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see Decision STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	conditional	Conditional											
270		STRUC	STRUC-2b	CONS	Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CBO and CPM	Within 5 days of the resolution of the NCR	conditional	Conditional											SERC GAL
271		STRUC	STRUC-2c	CONS	Corrective Action Documentation - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	CBO approval or disapproval of corrective action	Within 15 days of the resolution of the NCR	conditional	Conditional											SERC GAL
272		STRUC	STRUC-2d	CONS	Corrective Action Documentation - See STRUC-2a	If disapproved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	conditional	Conditional											SERC GAL
273		STRUC	STRUC-3a	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	TBD	Conditional											SERC GAL
274		STRUC	STRUC-3b	PC/CONS	Plan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly Compliance Report	In Progress											SERC GAL
275		STRUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	TBD	Not Started											SERC TAT
276		STRUC	STRUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly	In Progress											SERC GAL
277		TLSN	TLSN-1	CONS	66 kV Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Complete	4/4/2019			3/15/2019 (Ref Only)	3/18/2019				SCE	GAL

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	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 SCE	SERC Project Manager GAF
278	TLSN	TLSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	11/1//2019													
279	TRANS	TRANS-1a	CONS	Roadway Use Permits and Regulations - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
280	TRANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	ongoing		In Progress					(Ref Only)					SERC	TLB
281	TRANS	TRANS-2a	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	10/18/2018	Completed	12/16/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	1-Mar-19	4-Mar-19	JACOBS	GAL
282	TRANS	TRANS-2b	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the TCP to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	11/3/2018	11/29/2018	Completed	12/21/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
283	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	NA				1/22/2019 (Ref Only)	1/23/2019				Jacobs	GAL
284	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	NA				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	1-Mar-19	4-Mar-19	JACOBS	GAL

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	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
285	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
286	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
287	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
288	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
289	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.	TBD		In Progress					(Ref Only)					SERC	TLB

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

	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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2	All Phases														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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager	
297	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019(corrected elevation)	Pending												
298	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Complete	3/22/2019									JACOBS	GAL	
299	TRANS	TRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/21/2019		Pending							Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019			JACOBS	GAL
300	TRANS	TRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019	Pending										SERC	GAL	
301	TRANS	TRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	Conditional		Not started										SERC	GAL	
302	TSE	TSE-1	CONS	Schedule of Designs, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019		Not started										Power	GAL	
303	TSE	TSE-2a	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design - Gen-Tie a) Civil design b) electrical design	7/1/2019		Not started					Switchyard a) Civil design b) Structural design c) electrical design Gen-Tie a) Civil design b) electrical design					Power / SCE	GAL	

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3														Commissioning								
4				Revised 4/30/2019		Based on Final Staff Assessment								Operations								
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	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	
304	TSE	TSE-2b	CONS/COM/OPS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	6/1/2020														
305	TSE	TSE-2c	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for the equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of insallation applicable to LORS	During construction	7/1/2019														Not Started
306	TSE	TSE-2d	CONS/COM/OPS	Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly if needed	ongoing														Not Started
307	TSE	TSE-3	CONS/COM/OPS	Design, Construction, and Operation of Transmission Facilities - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See Decision TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction or modification of transmission facilities	7/1/2019														Not Started
308	TSE	TSE-4a	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	CAISO letter and report of conversation with CAISO	Letter one week prior and report of conversation one day before initial synchronization with the grid	2/24/2020	Not Started													
309	TSE	TSE-4b	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	3/1/2020	Not Started													

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4				Revised 4/30/2019		Based on Final Staff Assessment								Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	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 TLB
310	TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non-conformance	Conditional		Not Started											
311	TSE	TSE-5b	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	TBD		Not Started										SERC	GAF
312	TSE	TSE-5c	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	TBD		Not Started										SERC	GAF
313	TSE	TSE-5d	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	Summary of inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	TBD		Not Started										SERC	GAF
314	VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See Decision VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	3/6/2019	Complete	3/14/2019				3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL

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323	VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019										
324	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										ARB	GAL
325	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
326	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
327	VIS	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018		Completed					(Ref Only) Submit < 5/1/19		Stanton	11/26/18	27-Nov-18	POWER	GAL
328	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018				(Ref Only) Submit < 5/1/19					SERC	GAL

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329		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									
330		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	TBD			Not Started									SERC GAL
331		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									SERC GAL
332		VIS	VIS-4f	COM/OPS	Lighting System Complaint - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	conditional			Conditional									SERC GAL
333		VIS	VIS-4g	COM/OPS	Status Report in ACR - Lighting System - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their resolution in the ACR, accompanied by copies of completed complaint report and resolution forms for that year. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	Status Report	Annual Compliance Report	12/31/2020			Not Started									SERC DSR
334		VIS	VIS-4h	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to COD	TBD			Not Started									SERC GAL
335		VIS	VIS-4i	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	Notification to CPM	Within in 30 days of receiving notification	conditional			Not Started									SERC GAL
336		WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019		Completed	2/12/2019				Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL
337		WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019		Completed	2/22/2019							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													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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
338	WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL
339	WASTE	WASTE-1b	CONS	SMP Summary - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	11/29/2019		Not Started										JACOBS	GAL
340	WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
341	WASTE	WASTE-3a	CONS	Final Engineer/Geologist Report - If seemingly contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional		Not Started										JACOBS	GAL
342	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	conditional		Conditional										SERC	GAL
343	WASTE	WASTE-4a	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works Department for review and comment	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018		Completed							OCPW	1-Nov-18	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF

[illegible]

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:		Pre- Construction						
2	All Phases														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)) Conditional	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
354	WASTE	WASTE-9	CONS/OPS	Unauthorized Release Response - The project owner shall ensure that all spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	The project owner shall document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	Information about unauthorized release or spill	Within 48 hours of the date the release was discovered	conditional													
355	WORKER SAFETY	WORKER SAFETY-1a	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	1/29/2019				1/16/19	2/4/2019				ARB	GAL
356	WORKER SAFETY	WORKER SAFETY-1b	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed - No letters received	NA				1/16/19	2/4/2019	OCFA	3-Dec-18	No response	ARB	GAL
357	WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	11/14/2019		Not Started					1/16/19	2/4/2019				SERC	DSR

	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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2	All Phases													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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
358	WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	11/14/2019		Not Started					1/16/19	2/4/2019				SERC	DSR
359	WORKER SAFETY	WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018				1/16/2019	1/16/2019				ARB	GAL
360	WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day	Replacement CSS Name/Contact	Within one business day	conditional		Conditional										ARB	GAL
361	WORKER SAFETY	WORKER SAFETY-3c	CONS	H&S Information Reported in MCR - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See Decision WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly Compliance Report		In Progress					monthly					ARB	GAL
362	WORKER SAFETY	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate Chief Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL
363	WORKER SAFETY	WORKER SAFETY-5a	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5). The training program shall be submitted to the CPM for review and approval.	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
364	WORKER SAFETY	WORKER SAFETY-5b	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5). The training program shall be submitted to the CPM for review and approval.	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
365	WORKER SAFETY	WORKER SAFETY-6a	PC	Emergency Access Plan - 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
366	WORKER SAFETY	WORKER SAFETY-6b	PC	Emergency Access Plan - 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)	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	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

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)												CBO Color Code:	Pre- Construction							
2	All Phases													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)) Not Started	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
378	WORKER SAFETY	WORKER SAFETY-8c.2	PC	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days prior to the start of construction of the BESS	TBD													
379	WORKER SAFETY	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site.	Copy of letter to OCFA offering to develop procedures	At least 60 days prior to commissioning of BESS	TBD		Not Started										SERC	GAL
380	WORKER SAFETY	WORKER SAFETY-8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site to the CBO for reference only.	Copy of letter to OCFA offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	TBD		Not Started					(Ref only)					SERC	GAL
381	WORKER SAFETY	WORKER SAFETY-8f	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certification of ESS to CPM.	Prior to the start of BESS commissioning	TBD		Not Started										SERC	GAL
382	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	Final UL Certification of ESS to CBO for reference only.	Prior to the start of BESS commissioning	TBD		Not Started					(Ref only)					SERC	GAL

Attachment 3 – Air Quality

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

Subject **Stanton Energy Reliability Center (16-AFC-1)**
 Air Quality Monthly Compliance Report
 April 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 May 3, 2019

Copies to Greg Lamberg, WPower, LLC
 Sharon Stureman, SERC, LLC
 Doug Davy, Jacobs
 Karen Parker, Jacobs

This Monthly Compliance Report summarizes the activities conducted at the Stanton Energy Reliability Center (SERC) in April 2019 to demonstrate compliance with 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 Monthly Compliance Report (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 (AQ-CMM) to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion

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

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

AQ-SC4 Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that

have the potential to be transported off the project site and within 100 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

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

Visible dust plumes with the potential to be transported offsite were not observed in April 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 at the project owner's discretion.

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

Manufacturer	Equipment Name	EIN
CASE	580 SN - BackHoe	BX3T54
CASE	580 SN - BackHoe	BX3T54
CAT	Cat 966M wheel loader	UG9N98
CAT	56S - 84" roller	YS5A98
CAT	Rough Terrain Forklift	SF7A56
Genie	Forklift - Varialbe Reach	KT3V94
Genie	Aerial Lift	LG4L96
Genie	5K Reach Fork	JW5N58
John Deere	210L Skip Loader	JG9B74
John Deere	JD650JLTDozer	BG8T73
John Deere	JD550K XLT Dozer	BS9V43
Link-Belt	490X4	DL9A58
Xtreme	XR1255 Forklift	VC6G63

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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.01 15:27:20 -0700

Date: 4/01/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.02 15:36:04 -0700

Date: 4/2/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.03 15:13:05 -0700

Date: 4/3/2019

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

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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: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.04 15:02:34 -0700

Date: 4/4/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.05 17:55:32
+07'00'

Date: 4/05/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy Reliability Center, c=US
email=greg.lamberg@sercinc.com, c=US
Date: 2019.04.08 15:33:52 -0700

Date: 4/8/2019

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

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ADDITIONAL NOTES:

On a number of occasions today, a large dust plume was observed on the construction site next door to the Pacific Site where the self storage business is expanding. The plume migrated to SERC's Pacific Parcel on more than one occasion.

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.09 15:52:50 -0700

Date: 4/9/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.10 15:42:43 -0700

Date: 4/10/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stantec, ou=Stanton Energy Reliability Center, c=US
Date: 2019.04.11 15:18:45 -0700

Date: 4/11/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.15 08:58:48
+0700

Date: 4/12/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.15 15:21:23 -0700

Date: 4/15/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.16 16:18:03 -0700

Date: 4/16/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.17 15:26:08 -0700

Date: 4/17/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEW Power, ou,
email=greg.lamberg@sewefc.com, c=US
Date: 2019.04.18 16:10:37 -0700

Date: 4/18/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.21 13:28:08
+07'00'

Date: 04/19/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.22 15:16:11 -0700

Date: 4/22/2019

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

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.23 16:58:35 -0700

Date: 4/23/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.24 15:19:21 -0700

Date: 4/24/2019

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?	N/A	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.25 15:49:42 -0700

Date: 4/25/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.29 09:27:57
+07'00'

Date: 4/26/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.29 15:35:35 -0700

Date: 4/29/2019

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

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.30 15:24:25 -0700

Date: 4/30/2019

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

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ADDITIONAL NOTES:

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

Sweeping Log

Month/Year: <i>APRIL 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-26-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1210</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1230</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-26-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-26-19	1415				—	<i>[Signature]</i>	
4-26-19	200				—	<i>[Signature]</i>	
4-26-19	215				—	<i>[Signature]</i>	
4-26-19	230				—	<i>[Signature]</i>	
4-26-19	245				—	<i>[Signature]</i>	
4-29-19	700				—	<i>[Signature]</i>	
4-29-19	715				—	<i>[Signature]</i>	
4-29-19	730				—	<i>[Signature]</i>	
4-29-19	745				—	<i>[Signature]</i>	
4-29-19	800				—	<i>[Signature]</i>	
4-29-19	815				—	<i>[Signature]</i>	
4-29-19	830				—	<i>[Signature]</i>	
4-29-19	845				—	<i>[Signature]</i>	
4-29-19	900				—	<i>[Signature]</i>	
4-29-19	915				—	<i>[Signature]</i>	
4-29-19	930				—	<i>[Signature]</i>	
4-29-19	945				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4.29.19</i>	<i>1000</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1015</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1030</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1045</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1100</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1115</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1130</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1145</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1210</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1230</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>1245</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>100</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29.19</i>	<i>115</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29</i>	<i>130</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29</i>	<i>145</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29</i>	<i>200</i>				<i>_____</i>	<i>Kurt H</i>	
<i>4.29</i>	<i>215</i>				<i>_____</i>	<i>Kurt H</i>	

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

Sweeping Log

Month/Year: <i>April 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-29-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-29-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-30-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
Apr: / May 19							
4.30.19	1045				—	<i>[Signature]</i>	
4.30.19	1100				—	<i>[Signature]</i>	
4.30.19	1115				—	<i>[Signature]</i>	
4.30.19	1130				—	<i>[Signature]</i>	
4.30.19	1210				—	<i>[Signature]</i>	
4.30.19	1230				—	<i>[Signature]</i>	
4.30.19	1245				—	<i>[Signature]</i>	
4.30.19	100				—	<i>[Signature]</i>	
4.30.19	115				—	<i>[Signature]</i>	
4.30.19	130				—	<i>[Signature]</i>	
4.30.19	145				—	<i>[Signature]</i>	
4.30.19	200				—	<i>[Signature]</i>	
4.30.19	215				—	<i>[Signature]</i>	
4.30.19	230				—	<i>[Signature]</i>	
4.30.19	245				—	<i>[Signature]</i>	
5.1.19	700				—	<i>[Signature]</i>	
5.1.19	715				—	<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>APRIL</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-1-19	700AM				X	<i>[Signature]</i>	
4-1-19	715				X	<i>[Signature]</i>	
4-1-19	730				X	<i>[Signature]</i>	
4-1-19	745				X	<i>[Signature]</i>	
4-1-19	800				X	<i>[Signature]</i>	
4-1-19	815				X	<i>[Signature]</i>	
4-1-19	830				X	<i>[Signature]</i>	
4-1-19	845				X	<i>[Signature]</i>	
4-1-19	900				X	<i>[Signature]</i>	
4-1-19	915				X	<i>[Signature]</i>	
4-1-19	930				X	<i>[Signature]</i>	
4-1-19	945				X	<i>[Signature]</i>	
4-1-19	1000				X	<i>[Signature]</i>	
4-1-19	1015				X	<i>[Signature]</i>	
4-1-19	1030				X	<i>[Signature]</i>	
4-1-19	1045				X	<i>[Signature]</i>	
4-1-19	1100				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-1-19	1115				X	<i>[Signature]</i>	
4-1-19	1130				X	<i>[Signature]</i>	
4-1-19	1210pm				X	<i>[Signature]</i>	
4-1-19	1230				X	<i>[Signature]</i>	
4-1-19	1245				X	<i>[Signature]</i>	
4-1-19	100				X	<i>[Signature]</i>	
4-1-19	115				X	<i>[Signature]</i>	
4-1-19	130				X	<i>[Signature]</i>	
4-1-19	145				X	<i>[Signature]</i>	
4-1-19	200				X	<i>[Signature]</i>	
4-1-19	215				X	<i>[Signature]</i>	
4-1-19	230				X	<i>[Signature]</i>	
4-2-19	700AM				X	<i>[Signature]</i>	
4-2-19	715				X	<i>[Signature]</i>	
4-2-19	730				X	<i>[Signature]</i>	
4-2-19	745				X	<i>[Signature]</i>	
4-2-19	800				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-2-19	1245				X	<i>[Signature]</i>	
4-2-19	100				X	<i>[Signature]</i>	
4-2-19	115				X	<i>[Signature]</i>	
4-2-19	130				X	<i>[Signature]</i>	
4-2-19	1415				X	<i>[Signature]</i>	
4-2-19	200				X	<i>[Signature]</i>	
4-2-19	215				X	<i>[Signature]</i>	
4-2-19	230				X	<i>[Signature]</i>	
4-3-19	700 AM				X	<i>[Signature]</i>	
4-3-19	715				X	<i>[Signature]</i>	
4-3-19	730				X	<i>[Signature]</i>	
4-3-19	745				X	<i>[Signature]</i>	
4-3-19	820				X	<i>[Signature]</i>	
4-3-19	815				✓	<i>[Signature]</i>	
4-3-19	830				X	<i>[Signature]</i>	
4-3-19	845				X	<i>[Signature]</i>	
4-3-19	900				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-3-19	200				X	<i>[Signature]</i>	
4-3-19	215				X	<i>[Signature]</i>	
4-3-19	230				X	<i>[Signature]</i>	
4-4-19	700 AM				X	<i>[Signature]</i>	
4-4-19	715				X	<i>[Signature]</i>	
4-4-19	730				X	<i>[Signature]</i>	
4-4-19	745				X	<i>[Signature]</i>	
4-4-19	800				X	<i>[Signature]</i>	
4-4-19	815				X	<i>[Signature]</i>	
4-4-19	830				X	<i>[Signature]</i>	
4-4-19	845				X	<i>[Signature]</i>	
4-4-19	900				X	<i>[Signature]</i>	
4-4-19	915				X	<i>[Signature]</i>	
4-4-19	930				X	<i>[Signature]</i>	
4-4-19	945				X	<i>[Signature]</i>	
4-4-19	1000				X	<i>[Signature]</i>	
4-4-19	1015				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-3-19	915	X			X	<i>[Signature]</i>	
4-3-19	930				X	<i>[Signature]</i>	
4-3-19	945				X	<i>[Signature]</i>	
4-3-19	1000				X	<i>[Signature]</i>	
4-3-19	1015				X	<i>[Signature]</i>	
4-3-19	1030				X	<i>[Signature]</i>	
4-3-19	1045				X	<i>[Signature]</i>	
4-3-19	1100				X	<i>[Signature]</i>	
4-3-19	1115				X	<i>[Signature]</i>	
4-3-19	1130				X	<i>[Signature]</i>	
4-3-19	1210				X	<i>[Signature]</i>	
4-3-19	1230				X	<i>[Signature]</i>	
4-3-19	1245				X	<i>[Signature]</i>	
4-3-19	100				X	<i>[Signature]</i>	
4-3-19	115				X	<i>[Signature]</i>	
4-3-19	730				X	<i>[Signature]</i>	
4-3-19	145				X	<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		
4-2-19	815				X	<i>[Signature]</i>	
4-2-19	830				X	<i>[Signature]</i>	
4-2-19	845				X	<i>[Signature]</i>	
4-2-19	900				X	<i>[Signature]</i>	
4-2-19	915				X	<i>[Signature]</i>	
4-2-19	930				X	<i>[Signature]</i>	
4-2-19	945				X	<i>[Signature]</i>	
4-2-19	1000				X	<i>[Signature]</i>	
4-2-19	1015				X	<i>[Signature]</i>	
4-2-19	1030				X	<i>[Signature]</i>	
4-2-19	1045				X	<i>[Signature]</i>	
4-2-19	1100				X	<i>[Signature]</i>	
4-2-19	1115				X	<i>[Signature]</i>	
4-2-19	1130				X	<i>[Signature]</i>	
4-2-19	1145				X	<i>[Signature]</i>	
4-2-19	1215				X	<i>[Signature]</i>	
4-2-19	1230				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4.4.19	1030				X	<i>[Signature]</i>	
4.4.19	1045				X	<i>[Signature]</i>	
4.4.19	1100				X	<i>[Signature]</i>	
4.4.19	1115				X	<i>[Signature]</i>	
4.4.19	1130				X	<i>[Signature]</i>	
4.4.19	1210				X	<i>[Signature]</i>	
4.4.19	1230				X	<i>[Signature]</i>	
4.4.19	1245				X	<i>[Signature]</i>	
4.4.19	100				X	<i>[Signature]</i>	
4.4.19	115				X	<i>[Signature]</i>	
4.4.19	130				X	<i>[Signature]</i>	
4.4.19	145				X	<i>[Signature]</i>	
4.4.19	200				X	<i>[Signature]</i>	
4.4.19	215				X	<i>[Signature]</i>	
4.4.19	230				X	<i>[Signature]</i>	
4.5.19	700				X	<i>[Signature]</i>	
4.5.19	715				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-5-19	730				X	<i>[Signature]</i>	
4-5-19	745				X	<i>[Signature]</i>	
4-5-19	800				X	<i>[Signature]</i>	
4-5-19	815				X	<i>[Signature]</i>	
4-5-19	830				X	<i>[Signature]</i>	
4-5-19	845				X	<i>[Signature]</i>	
4-5-19	900				X	<i>[Signature]</i>	
4-5-19	915				X	<i>[Signature]</i>	
4-5-19	930				X	<i>[Signature]</i>	
4-5-19	945				X	<i>[Signature]</i>	
4-5-19	1000				X	<i>[Signature]</i>	
4-5-19	1015				X	<i>[Signature]</i>	
4-5-19	1030				X	<i>[Signature]</i>	
4-5-19	1045				X	<i>[Signature]</i>	
4-5-19	1100				X	<i>[Signature]</i>	
4-5-19	1115				X	<i>[Signature]</i>	
4-5-19	1130				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>Apr: 1</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-5-19	1145				X	<i>[Signature]</i>	
4-5-19	1210				X	<i>[Signature]</i>	
4-5-19	1230				X	<i>[Signature]</i>	
4-5-19	1245				X	<i>[Signature]</i>	
4-5-19	100				X	<i>[Signature]</i>	
4-5-19	115				X	<i>[Signature]</i>	
4-5-19	130				X	<i>[Signature]</i>	
4-5-19	145				X	<i>[Signature]</i>	
4-5-19	200				X	<i>[Signature]</i>	
4-5-19	215				X	<i>[Signature]</i>	
4-5-19	230				X	<i>[Signature]</i>	
4-5-19	245				X	<i>[Signature]</i>	
4-8-19	700				X	<i>[Signature]</i>	
4-8-19	715				X	<i>[Signature]</i>	
4-8-19	730				X	<i>[Signature]</i>	
4-8-19	745				X	<i>[Signature]</i>	
4-8-19	800				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-8-19	815				X	<i>[Signature]</i>	
4-8-19	830				X	<i>[Signature]</i>	
4-8-19	845				X	<i>[Signature]</i>	
4-8-19	900				X	<i>[Signature]</i>	
4-8-19	915				X	<i>[Signature]</i>	
4-8-19	930				X	<i>[Signature]</i>	
4-8-19	945				X	<i>[Signature]</i>	
4-8-19	1000				X	<i>[Signature]</i>	
4-8-19	1015				X	<i>[Signature]</i>	
4-8-19	1030				X	<i>[Signature]</i>	
4-8-19	1045				X	<i>[Signature]</i>	
4-8-19	1100				X	<i>[Signature]</i>	
4-8-19	1115				X	<i>[Signature]</i>	
4-8-19	1130				X	<i>[Signature]</i>	
4-8-19	1210				X	<i>[Signature]</i>	
4-8-19	1230				X	<i>[Signature]</i>	
4-8-19	1245				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-8-19	100				X	<i>[Signature]</i>	
4-8-19	115				X	<i>[Signature]</i>	
4-8-19	130				X	<i>[Signature]</i>	
4-8-19	145				X	<i>[Signature]</i>	
4-8-19	200				X	<i>[Signature]</i>	
4-8-19	215				X	<i>[Signature]</i>	
4-8-19	230				X	<i>[Signature]</i>	
4-8-19	245				X	<i>[Signature]</i>	
4-9-19	700				X	<i>[Signature]</i>	
4-9-19	715				X	<i>[Signature]</i>	
4-9-19	730				X	<i>[Signature]</i>	
4-9-19	745				X	<i>[Signature]</i>	
4-9-19	800				X	<i>[Signature]</i>	
4-9-19	815				X	<i>[Signature]</i>	
4-9-19	830				X	<i>[Signature]</i>	
4-9-19	845				X	<i>[Signature]</i>	
4-9-19	900				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4.9.19	915				X	<i>[Signature]</i>	
4.9.19	930				X	<i>[Signature]</i>	
4.9.19	945				X	<i>[Signature]</i>	
4.9.19	1000				X	<i>[Signature]</i>	
4.9.19	1015				X	<i>[Signature]</i>	
4.9.19	1030				X	<i>[Signature]</i>	
4.9.19	1045				X	<i>[Signature]</i>	
4.9.19	1100				X	<i>[Signature]</i>	
4.9.19	1115				X	<i>[Signature]</i>	
4.9.19	1130				X	<i>[Signature]</i>	
4.9.19	1210				X	<i>[Signature]</i>	
4.9.19	1230				X	<i>[Signature]</i>	
4.9.19	1245				X	<i>[Signature]</i>	
4.9.19	100				X	<i>[Signature]</i>	
4.9.19	115				X	<i>[Signature]</i>	
4.9.19	130				X	<i>[Signature]</i>	
4.9.19	145				X	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-9-19</i>	<i>200</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-9-19</i>	<i>215</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-9-19</i>	<i>230</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>700</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>715</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>730</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>745</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>800</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>815</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>830</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>845</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>900</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>915</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>930</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>945</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1000</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1015</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-10-19</i>	<i>1030</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1045</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1100</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1115</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1210</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>1245</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>100</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>115</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>130</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>145</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>200</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>215</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>230</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-10-19</i>	<i>245</i>				<i>X</i>	<i>[Signature]</i>	
<i>4-11-19</i>	<i>700</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-11-19	715				X	<i>[Signature]</i>	
4-11-19	730				X	<i>[Signature]</i>	
4-11-19	745				X	<i>[Signature]</i>	
4-11-19	800				X	<i>[Signature]</i>	
4-11-19	815				X	<i>[Signature]</i>	
4-11-19	830				X	<i>[Signature]</i>	
4-11-19	845				X	<i>[Signature]</i>	
4-11-19	900				X	<i>[Signature]</i>	
4-11-19	915				X	<i>[Signature]</i>	
4-11-19	930				X	<i>[Signature]</i>	
4-11-19	945				X	<i>[Signature]</i>	
4-11-19	1000				X	<i>[Signature]</i>	
4-11-19	1015				X	<i>[Signature]</i>	
4-11-19	1030				X	<i>[Signature]</i>	
4-11-19	1045				X	<i>[Signature]</i>	
4-11-19	1100				X	<i>[Signature]</i>	
4-11-19	1115				X	<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>April</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-12-19	700				X	<i>[Signature]</i>	
4-12-19	715				X	<i>[Signature]</i>	
4-12-19	730				X	<i>[Signature]</i>	
4-12-19	745				X	<i>[Signature]</i>	
4-12-19	800				X	<i>[Signature]</i>	
4-12-19	815				X	<i>[Signature]</i>	
4-12-19	830				X	<i>[Signature]</i>	
4-12-19	845				X	<i>[Signature]</i>	
4-12-19	900				X	<i>[Signature]</i>	
4-12-19	915				X	<i>[Signature]</i>	
4-12-19	930				X	<i>[Signature]</i>	
4-12-19	945				X	<i>[Signature]</i>	
4-12-19	1000				X	<i>[Signature]</i>	
4-12-19	1015				X	<i>[Signature]</i>	
4-12-19	1030				X	<i>[Signature]</i>	
4-12-19	1045				X	<i>[Signature]</i>	
4-12-19	1000				X	<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		
<i>April</i>							
<i>4.12.19</i>	<i>1115</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>1130</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>1210</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>1230</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>1245</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>100</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>115</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>130</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>145</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.12.19</i>	<i>200</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>700</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>715</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>730</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.13.19</i>	<i>745</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>800</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>815</i>				<i>X</i>	<i>[Signature]</i>	
<i>4.15.19</i>	<i>830</i>				<i>X</i>	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4.15.19	845				/	<i>[Signature]</i>	
4.15.19	900				/	<i>[Signature]</i>	
4.15.19	915				/	<i>[Signature]</i>	
4.15.19	930				/	<i>[Signature]</i>	
4.15.19	945				/	<i>[Signature]</i>	
4.15.19	1000				/	<i>[Signature]</i>	
4.15.19	1015				/	<i>[Signature]</i>	
4.15.19	1030				/	<i>[Signature]</i>	
4.15.19	1045				/	<i>[Signature]</i>	
4.15.19	1100				/	<i>[Signature]</i>	
4.15.19	1115				/	<i>[Signature]</i>	
4.15.19	1130				/	<i>[Signature]</i>	
4.15.19	1210				/	<i>[Signature]</i>	
4.15.19	1230				/	<i>[Signature]</i>	
4.15.19	1245				/	<i>[Signature]</i>	
4.15.19	100				/	<i>[Signature]</i>	
4.15.19	115				/	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4.15.19	130				—	<i>[Signature]</i>	
4.15.19	145				—	<i>[Signature]</i>	
4.15.19	200				—	<i>[Signature]</i>	
4.15.19	215				—	<i>[Signature]</i>	
4.15.19	230				—	<i>[Signature]</i>	
4.15.19	245				—	<i>[Signature]</i>	
4.16.19	700				—	<i>[Signature]</i>	
4.16.19	715				—	<i>[Signature]</i>	
4.16.19	730				—	<i>[Signature]</i>	
4.16.19	745				—	<i>[Signature]</i>	
4.16.19	800				—	<i>[Signature]</i>	
4.16.19	815				—	<i>[Signature]</i>	
4.16.19	830				—	<i>[Signature]</i>	
4.16.19	845				—	<i>[Signature]</i>	
4.16.19	900				—	<i>[Signature]</i>	
4.16.19	915				—	<i>[Signature]</i>	
4.16.19	930				—	<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		
<i>April</i>							
4-16-19	945				—	<i>[Signature]</i>	
4-16-19	1000				—	<i>[Signature]</i>	
4-16-19	1015				—	<i>[Signature]</i>	
4-16-19	1030				—	<i>[Signature]</i>	
4-16-19	1045				—	<i>[Signature]</i>	
4-16-19	1100				—	<i>[Signature]</i>	
4-16-19	1115				—	<i>[Signature]</i>	
4-16-19	1130				—	<i>[Signature]</i>	
4-16-19	1210				—	<i>[Signature]</i>	
4-16-19	1230				—	<i>[Signature]</i>	
4-16-19	1245				—	<i>[Signature]</i>	
4-16-19	100				—	<i>[Signature]</i>	
4-16-19	115				—	<i>[Signature]</i>	
4-16-19	130				—	<i>[Signature]</i>	
4-16-19	145				—	<i>[Signature]</i>	
4-16-19	200				—	<i>[Signature]</i>	
4-16-19	215				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-16-19	230				—	<i>[Signature]</i>	
4-17-19	700				—	<i>[Signature]</i>	
4-17-19	715				—	<i>[Signature]</i>	
4-17-19	730				—	<i>[Signature]</i>	
4-17-19	745				—	<i>[Signature]</i>	
4-17-19	800				—	<i>[Signature]</i>	
4-17-19	815				—	<i>[Signature]</i>	
4-17-19	830				—	<i>[Signature]</i>	
4-17-19	845				—	<i>[Signature]</i>	
4-17-19	900				—	<i>[Signature]</i>	
4-17-19	915				—	<i>[Signature]</i>	
4-17-19	930				—	<i>[Signature]</i>	
4-17-19	945				—	<i>[Signature]</i>	
4-17-19	1000				—	<i>[Signature]</i>	
4-17-19	1015				—	<i>[Signature]</i>	
4-17-19	1030				—	<i>[Signature]</i>	
4-17-19	1045				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-17-19	1100				—	<i>[Signature]</i>	
4-17-19	1115				—	<i>[Signature]</i>	
4-17-19	1130				—	<i>[Signature]</i>	
4-17-19	1210				—	<i>[Signature]</i>	
4-17-19	1230				—	<i>[Signature]</i>	
4-17-19	1245				—	<i>[Signature]</i>	
4-17-19	1201				—	<i>[Signature]</i>	
4-17-19	115				—	<i>[Signature]</i>	
4-17-19	130				—	<i>[Signature]</i>	
4-17-19	145				—	<i>[Signature]</i>	
4-17-19	200				—	<i>[Signature]</i>	
4-17-19	215				—	<i>[Signature]</i>	
4-17-19	230				—	<i>[Signature]</i>	
4-18-19	700				—	<i>RAULR</i>	
4-18-19	715				—	<i>RAULR</i>	
4-18-19	720				—	<i>RAULR</i>	
4-18-19	745				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-18-19	1215				—	<i>Richard [Signature]</i>	
4-18-19	1230				—	<i>Richard [Signature]</i>	
4-18-19	1245				—	<i>Richard [Signature]</i>	
4-18-19	1:00				—	<i>Richard [Signature]</i>	
4-18-19	1:15				—	<i>Richard [Signature]</i>	
4-18-19	1:30				—	<i>Richard [Signature]</i>	
4-18-19	1:45				—	<i>Richard [Signature]</i>	
4-18-19	2:00				—	<i>Richard [Signature]</i>	
4-18-19	2:15				—	<i>Richard [Signature]</i>	
4-18-19	2:30				—	<i>Richard [Signature]</i>	
4-18-19	2:45				—	<i>Richard [Signature]</i>	
4-19-19	7:00				—	<i>Paul [Signature]</i>	
4-19-19	7:15				—	<i>Paul [Signature]</i>	
4-19-19	7:30				—	<i>Paul [Signature]</i>	
4-19-19	7:45				—	<i>Paul [Signature]</i>	
4-19-19	8:05				—	<i>Paul [Signature]</i>	
4-19-19	8:15				—	<i>Paul [Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-18-19	800				—	<i>[Signature]</i>	
4-18-19	815				—	<i>[Signature]</i>	
4-18-19	830				—	<i>[Signature]</i>	
4-18-19	845				—	<i>[Signature]</i>	
4-18-19	900				—	<i>[Signature]</i>	
4-18-19	915				—	<i>[Signature]</i>	
4-18-19	930				—	<i>[Signature]</i>	
4-18-19	945				—	<i>[Signature]</i>	
4-18-19	1000				—	<i>[Signature]</i>	
4-18-19	1015				—	<i>[Signature]</i>	
4-18-19	1030				—	<i>[Signature]</i>	
4-18-19	1045				—	<i>[Signature]</i>	
4-18-19	1100				—	<i>[Signature]</i>	
4-18-19	1115					<i>[Signature]</i>	
4-18-19	1130					<i>[Signature]</i>	
4-18-19	1145					<i>[Signature]</i>	
4-18-19	1200					<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-19-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1000</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1015</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1030</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1045</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1100</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1115</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1130</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1145</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1200</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1215</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>1230</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>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-19-19</i>	<i>1245</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>100</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>115</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>130</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>145</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-19-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>845</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>4/2019</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-22-19</i>	<i>9:00</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>9:15</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>9:30</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>9:45</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>10:00</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>10:15</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>10:30</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>10:45</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>11:00</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>11:22</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>12:10</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>12:30</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>12:45</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>1:00</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>1:15</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>1:30</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>1:45</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>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-22-19</i>	<i>200</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>215</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>230</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-22-19</i>	<i>245</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>700</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>715</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>730</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>745</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>800</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>815</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>830</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>845</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>900</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>915</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>930</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>945</i>				<i>—</i>	<i>[Signature]</i>	
<i>4-23-19</i>	<i>1000</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>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-23-19	1015				—	<i>[Signature]</i>	
4-23-19	1030				—	<i>[Signature]</i>	
4-23-19	1045				—	<i>[Signature]</i>	
4-23-19	1100				—	<i>[Signature]</i>	
4-23-19	1115				—	<i>[Signature]</i>	
4-23-19	1130				—	<i>[Signature]</i>	
4-23-19	1145				—	<i>[Signature]</i>	
4-23-19	1210				—	<i>[Signature]</i>	
4-23-19	1230				—	<i>[Signature]</i>	
4-23-19	1245				—	<i>[Signature]</i>	
4-23-19	100				—	<i>[Signature]</i>	
4-23-19	105				—	<i>[Signature]</i>	
4-23-19	130				—	<i>[Signature]</i>	
4-23-19	145				—	<i>[Signature]</i>	
4-23-19	200				—	<i>[Signature]</i>	
4-23-19	215				—	<i>[Signature]</i>	
4-23-19	230				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
<i>4-24-19</i>	<i>700</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>715</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>730</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>745</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>800</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>815</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>830</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>845</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>900</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>915</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>930</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>945</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>1000</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>1015</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>1030</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>1045</i>				<i>—</i>	<i>Kush</i>	
<i>4-24-19</i>	<i>1100</i>				<i>—</i>	<i>Kush</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-24-19	1115				—	<i>[Signature]</i>	
4-24-19	1130				—	<i>[Signature]</i>	
4-24-19	1210				—	<i>[Signature]</i>	
4-24-19	1215				—	<i>[Signature]</i>	
4-24-19	1230				—	<i>[Signature]</i>	
4-24-19	1245				—	<i>[Signature]</i>	
4-24-19	1005				—	<i>[Signature]</i>	
4-24-19	115				—	<i>[Signature]</i>	
4-24-19	130				—	<i>[Signature]</i>	
4-24-19	1415				—	<i>[Signature]</i>	
4-24-19	2005				—	<i>[Signature]</i>	
4-24-19	215				—	<i>[Signature]</i>	
4-24-19	230				—	<i>[Signature]</i>	
4-24-19	245				—	<i>[Signature]</i>	
4-25-19	700				—	<i>[Signature]</i>	
4-25-19	715				—	<i>[Signature]</i>	
4-25-19	730				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>April</i>		Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-25-19	745				—	<i>[Signature]</i>	
4-25-19	800				—	<i>[Signature]</i>	
4-25-19	815				—	<i>[Signature]</i>	
4-25-19	830				—	<i>[Signature]</i>	
4-25-19	900				—	<i>[Signature]</i>	
4-25-19	915				—	<i>[Signature]</i>	
4-25-19	930				—	<i>[Signature]</i>	
4-25-19	945				—	<i>[Signature]</i>	
4-25-19	1000				—	<i>[Signature]</i>	
4-25-19	1015				—	<i>[Signature]</i>	
4-25-19	1030				—	<i>[Signature]</i>	
4-25-19	1045				—	<i>[Signature]</i>	
4-25-19	1100				—	<i>[Signature]</i>	
4-25-19	1115				—	<i>[Signature]</i>	
4-25-19	1130				—	<i>[Signature]</i>	
4-25-19	1210				—	<i>[Signature]</i>	
4-25-19	1230				—	<i>[Signature]</i>	

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

Sweeping Log

Month/Year: <i>APRIL 19</i>		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-25-19	1245				—	<i>Kaulth</i>	
4-25-19	100				—	<i>Kaulth</i>	
4-25-19	115				—	<i>Kaulth</i>	
4-25-19	130				—	<i>Kaulth</i>	
4-25-19	145				—	<i>Kaulth</i>	
4-25-19	200				—	<i>Kaulth</i>	
4-25-19	215				—	<i>Kaulth</i>	
4-25-19	230				—	<i>Kaulth</i>	
4-25-19	245				—	<i>Kaulth</i>	
4-25-19	700				—	<i>Kaulth</i>	
4-26-19	715				—	<i>Kaulth</i>	
4-26-19	730				—	<i>Kaulth</i>	
4-26-19	745				—	<i>Kaulth</i>	
4-26-19	800				—	<i>Kaulth</i>	
4-26-19	815				—	<i>Kaulth</i>	
4-26-19	830				—	<i>Kaulth</i>	
4-26-19	845				—	<i>Kaulth</i>	

Appendix B Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory April 2019

				Equipment						Engine										
<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>	<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122	T4	u-r-015-0283	Green tag issued 02/04/2019	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	Isuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	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	
2/20/2019	onsite	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR2353I - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
2/27/2019	onsite	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	onsite	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	TF500270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	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	Will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs
3/21/2019	onsite	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removedon 3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	Onsite	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXI02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057	4.5/6.8	2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	Onsite	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.01 15:28:32 -0700

Date: 4/01/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipower.com, c=US
Date: 2019.04.02 15:27:05 -0700

Date: 4/2/2019

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

<p>ADDITIONAL NOTES:</p>

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.03 15:13:21 -0700

Date: 4/3/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.04 15:23:51 -0700

Date: 4/4/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.05 17:54:48 -0700

Date: 4/5/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.08 15:28:55 -0700

Date: 4/8/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEPC, ou=SEPC, email=greg.lamberg@sepc.com, c=US
Date: 2019.04.09 15:54:12 -0700

Date: 4/9/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipwr.com, c=US
Date: 2019.04.10 15:43:59 -0700

Date: 4/10/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.11 15:28:53 -0700

Date: 4/11/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.15 08:56:09 -0700

Date: 4/12/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.15 15:22:58 -0700

Date: 4/15/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipwr.com, c=US
Date: 2019.04.16 16:18:18 -0700

Date: 4/16/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou,
email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.17 15:27:13 -0700

Date: 4/14/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipwr.com, c=US
Date: 2019.04.18 16:12:12 -0700

Date: 4/18/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.21 13:28:30 -0700

Date: 04/19/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=greg.lamberg@seipwr.com, c=US
Date: 2019.04.22 15:17:28 -0700

Date: 4/22/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=greg.lamberg@seipwr.com, c=US
Date: 2019.04.23 16:58:48 -0700

Date: 4/23/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=greglamberg@seipwr.com, c=US
Date: 2019.04.24 12:21:54 -0700

Date: 4/24/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg
Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.25 15:51:54 -0700

Date: 4/25/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2019.04.29 09:29:48 -0700

Date: 4/26/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=Stanton Energy, ou=Stanton Energy, email=greg.lamberg@stenergy.com, c=US
Date: 2019.04.29 15:57:13 -0700

Date: 4/29/2019

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg
DN: cn=Greg Lamberg, o=SEI Power, ou,
email=glamberg@seipwr.com, c=US
Date: 2019.04.30 15:28:37 -0700

Date: 4/30/2019

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

<p>ADDITIONAL NOTES:</p>

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

April 30, 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: April 2019

Dear Mr. Tasich,

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

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

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

Respectfully submitted,



Patricia Petty
President

<u>Date Move on</u>	<u>Date Move off</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Mfr</u>	<u>Model/ Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJ0N585NLECT05659	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							

ORTIZ

ENTERPRISES, INC.

6 Cushing, Suite 200, Irvine, CA 92618
Phone (949) 753-1414 Fax (949) 753-1477

April 30, 2019

Via e-mail

ARB Inc.
27000 Commercentre Drive
Lake Forest, CA 92630

ATTN: Nick Tasich

RE: Stanton Energy Reliability Center (SERC)
Subcontract No. 14261421-07

Subject: **Equipment Maintenance – April**

Dear Mr. Tasich,

This letter serves to inform you that the following equipment is being serviced and maintained on a daily basis.

1. 1 ea. CAT 966 Loaders;
 - a. EIN UG9N98
2. Cat CS56 Vibratory Roller
 - a. EIN YS5A98
3. John Deere 210 Skiploader
 - a. EIN JG9B74
4. Linkbelt 490X4 Excavator
 - a. DL9A58
5. John Deere 650JLT Dozer
 - a. BG8T73
6. John Deere 550K Dozer
 - a. BS9V43

Sincerely,
Ortiz Enterprises, Inc.

John J. Britt

John J. Britt
Project Manager



May 1, 2019

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

Attn: Greg Lamberg
Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Lamberg:

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.

Arrived	Removed	Eqpt No	Manufacturer	Model/Description
2/4/2019	onsite	SERC_001	Xtreme	XR1255 Forklift
3/22/2019	onsite	SERC_016	CAT	Rough Terrain Forklift

Respectfully,

A handwritten signature in blue ink, appearing to read "Steven Fischer", is written over a light blue horizontal line.

Steven Fischer
ARB, Inc.
Project Manager



1301 SOUTH STATE COLLEGE BLVD

Fullerton, CA. 92831

Office : 714-871-5712

Fax : 714-871-1107

From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and ARB's / Newtron's recommendations during the month of April 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	KT3V94	BR2596
GENIE AERIAL LIFT	LG4L96	50845

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

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

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
 SERC CEC Designated Biologist

Date: May 3, 2019

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

1. Introduction

This April 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from April 1 through April 30, 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 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 April 2019 reporting period. Construction started on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

Biological monitoring was conducted daily. There were no active bird nests observed within the SERC site or the additional project parking area at the Bethel Romanian Pentecostal Church; however, an active nest was observed off site. Per COC BIO-8, a no-disturbance buffer zone was established to protect this nest from disturbance. The size of the buffer zone was determined by the Designated Biologist in consultation with the CPM (in coordination with CDFW and USFWS). The Active Nest Notification is

provided in Appendix A. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the nest survey and monitoring events is included in Appendix C.

2.1 Activities Monitored

SERC construction activities from April 1 through April 30, 2019 included excavation for, foundations, and construction of bridges (pedestrian and utility) across Stanton Storm Channel and the sump/storage pit. These construction activities included excavation, trenching, and pouring concrete.

2.2 Nesting Birds

No active nests were observed within the SERC site during the April 2019 reporting period. An active killdeer (*Charadrius vociferous*) nest was identified on April 4, 2019 on the adjacent Southern California Edison- (SCE-) owned property north of the eastern SERC parcel. The nest location is at approximately 33°48'25.45"N latitude and 117°59'9.47"W longitude. The nest is approximately 36 feet from the project fence line.

A 35-foot no-disturbance buffer zone was coordinated per Condition of Certification BIO-8 and the SERC fence line closest to the nest was marked with an ESA sign and flagging. The buffer did not extend into the project area and so it was not fenced by the Designated Biologist. The Active Nest Notification is provided in Appendix A.

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 April 2019. A list of wildlife species observed during nest surveys and monitoring in April 2019 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC boundary. A list of wildlife species observed during the nest surveys and monitoring events are included in Appendix C.

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

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

Appendix A

Active Nest Notification

From: Heiser, John@Energy
To: [Edens, Ava/SCO](#); [Valand, Andrew@Wildlife](#); [Christine_Medak@fws.gov](#)
Cc: [Ashford, Jake/SCO](#); [Davy, Doug/SAC](#); [Parker, Karen/SAC](#); [Tim Bofman](#); [Greg Lamberg](#); [Levenstein, Ken/SCO](#)
Subject: [EXTERNAL] RE: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Date: Thursday, April 04, 2019 3:06:47 PM

Ava, thank you for sending in this report. Being forwarded to staff for review.
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Thursday, April 04, 2019 2:53 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Ashford, Jake/SCO <Jake.Ashford@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Tim Bofman <tbofman@wellhead.com>; Greg Lamberg <glamberg@wpowerllc.com>; Levenstein, Ken/SCO <Ken.Levenstein@jacobs.com>
Subject: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear John,

An active kill deer (*Charadrius vociferous*) nest was identified today (4/4/19) off-site on the SCE property north of the eastern Stanton Energy Reliability Center (SERC) parcel. The nest location is at approximately 33°48'25.45"N latitude and 117°59'9.47"W longitude. It is estimated that the nest is approximately 36 feet from the project fence line (see attached photo pages, Photo 1). The killdeer pair has been documented in the adjacent SCE parcel for the past couple weeks while construction activities (including excavation, hauling, and bridge construction) have occurred daily (excluding weekends) on the SERC eastern parcel. Active nesting of the kill deer was not observed until today (Photos 2-4). The project has implemented a 35 foot no-disturbance buffer zone and flagged the SERC fence line for avoidance per Condition of Certification BIO-8. There is a foot path that is approximately 10 feet wide on the SERC project side, adjacent to the fence line (Photo 5). Excavation is actively occurring beyond that foot path. The nest is being monitored by the on-site biological monitor for any signs of distress, and will continue to be monitored daily by the on-site biological monitor while the nest is active.

Please let me know if you have any questions or concerns.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile |
Ava.Edens@jacobs.com | www.jacobs.com

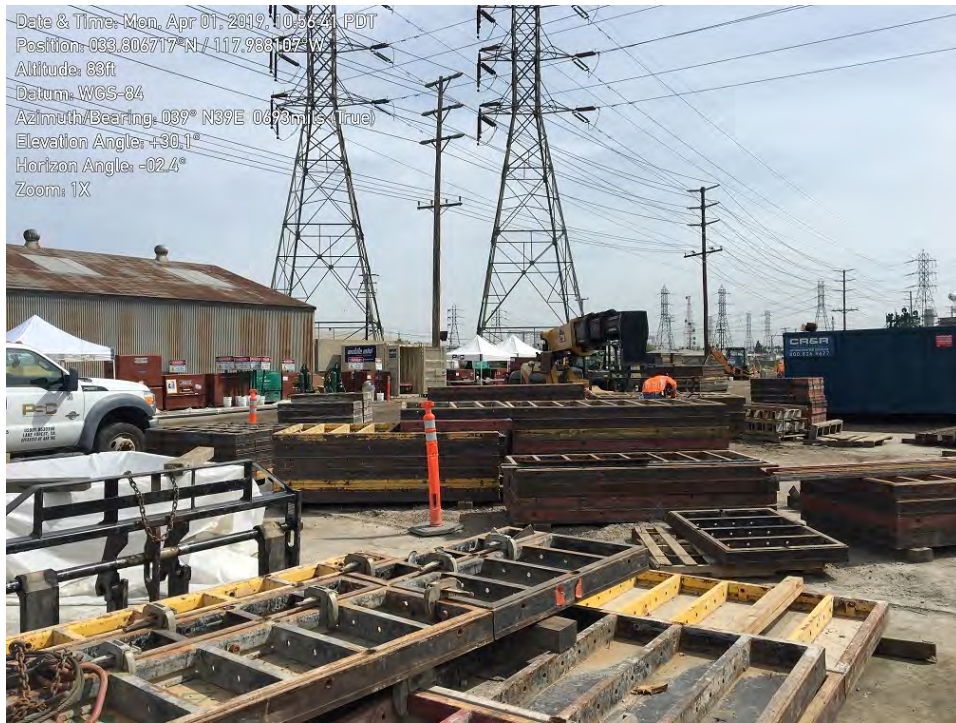
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Appendix B

Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 1, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
59 - 82	0 – 7 SW	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, building forms for water treatment tank, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> Northern mockingbird (<i>Mimus polyglottos</i>) pairs potentially nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeer (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel. Cassin’s kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: great blue heron (<i>Ardea herodias</i>), killdeer, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin’s kingbird, common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View northeast from center portion of the Western Parcel at forms being moved for construction of the vehicle bridge foundation.
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Photo 2



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at forms awaiting pouring of concrete for creating the foundation of a water treatment tank.
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Photo 3



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at ongoing vehicle bridge construction work.
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Photo 4



Location	SERC – Eastern Parcel	Description	View north-northwest from western portion of the Eastern Parcel at the vehicle bridge foundation.
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Photo 5



Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at contractors constructing ductwork along the southern side of the Parcel.
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Photo 6



Location	SERC – Eastern Parcel	Description	View north-northeast from eastern end of the Eastern Parcel at a materials storage area.
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Photo 7

Date & Time: Mon, Apr 01, 2019, 11:12:59 PST
Position: 33.006764°N / 117.964786°W
Altitude: 72ft
Datum: WGS-84
Azimuth/Bearing: 314° N44W 5418mils (True)
Elevation Angle: +30.2°
Horizon Angle: -62.5°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at piles of base and spoils.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 2, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 - 68	0 – 10 SSW	0 inches	Good	Partly to mostly cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, building forms for water treatment tank, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, work on Parcel foundation, excavator loading dump trucks with spoils, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <p>Northern mockingbird (<i>Mimus polyglottos</i>) pairs potentially nesting nearby; nests not visible.</p> <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Killdeer (<i>Charadrius vociferus</i>) present adjacent to and north of Eastern Parcel. Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, common raven (<i>Corvus corax</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), western meadowlark (<i>Sturnella neglecta</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of the Eastern Parcel at excavator loading a dump truck with dirt from the spoils pile.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southwest from center portion of the Eastern Parcel at forklift delivering rebar for ongoing construction of ammonia tank foundation. Ductwork construction is visible at left of photo.
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Photo 3

Date & Time: Tue, Apr 02, 2019, 08:43:57 PDT
Position: 033.806954° N / 117.986494° W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 310° N50W 5511mils (True)
Elevation Angle: +24.7°
Horizon Angle: -00.9°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

A closer view southwest from center portion of the Eastern Parcel at rebar following delivery. Pipes for ongoing construction of ductwork visible in foreground.

Photo 4

Date & Time: Tue, Apr 02, 2019, 08:44:16 PDT
Position: 033.806912° N / 117.986270° W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 301° N59W 5351mils (True)
Elevation Angle: +24.2°
Horizon Angle: -01.7°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at contractors adding rebar to the ammonia tank foundation.

Photo 5

Date & Time: Tue, Apr 02, 2019, 08:45:10 PDT
Position: 033.806921° N / 117.986441° W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 296° N64W 5262mils (True)
Elevation Angle: +26.3°
Horizon Angle: -03.5°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from western portion of the Eastern Parcel at ongoing Parcel foundation work. Deeper level where loader is located is for thicker level of concrete to support heavier infrastructure components.
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Photo 6

Date & Time: Tue, Apr 02, 2019, 09:03:13 PDT
Position: 033.806797° N / 117.986829° W
Altitude: 108ft
Datum: WGS-84
Azimuth/Bearing: 343° N17W 5698mils (True)
Elevation Angle: +29.5°
Horizon Angle: -02.9°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northwest from western end of the Eastern Parcel at cement forms in place for ongoing vehicle bridge construction work.
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Photo 7



Location	SERC – Western Parcel	Description	View west-northwest from eastern end of the Western Parcel at cement forms in place for ongoing construction of water treatment tank foundation.
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Photo 8



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at cement forms in place for ongoing vehicle bridge construction work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
April 3, 2019					Ken Levenstein		06:30 - 15:00	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
58 - 68		0 – 8 SW	0 inches	Good	Mostly to partly cloudy			
Location(s) of Work Site Activities Monitored								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, building forms for water treatment tank, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, work on Parcel foundation, excavator loading dump trucks with spoils, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Killdeer (<i>Charadrius vociferus</i>) mating and appear to be initiating nesting activity adjacent to and north of Eastern Parcel. • Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. • Northern mockingbird (<i>Mimus polyglottos</i>) pairs potentially nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 								
Items Requiring Action/Follow-up								
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 								
Wildlife Species Observed:								
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel (<i>Falco sparverius</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaidura macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, western kingbird (<i>Tyrannus verticalis</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>								

Photo 1



<div><div><div>Date & Time: Wed, Apr 03, 2019, 07:54:38 PDT Position: 033.806901°N / 117.985387°W Altitude: 85ft Datum: WGS-84 Azimuth/Bearing: 083° N83E 1476mils (True) Elevation Angle: +25.6° Horizon Angle: -02.9° Zoom: 1X</div></div></div>			
Location	SERC – Eastern Parcel	Description	View southeast from eastern portion of the Eastern Parcel at remaining spoils piles and base following yesterday's work removing dirt from site.
Photo 2			
<div><div><div>Date & Time: Wed, Apr 03, 2019, 07:55:31 PDT Position: 033.806958°N / 117.985130°W Altitude: 82ft Datum: WGS-84 Azimuth/Bearing: 268° S88W 4764mils (True) Elevation Angle: +25.8° Horizon Angle: -02.3° Zoom: 1X</div></div></div>			
Location	SERC – Eastern Parcel	Description	Another view (southwest) from eastern portion of the Eastern Parcel at remaining spoils piles and base following yesterday's work removing dirt from site.

Photo 3



Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at ongoing Parcel excavation work.
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Photo 4



Location	SERC – Eastern Parcel	Description	View south-southeast from central portion of the Eastern Parcel at excavator loading a dump truck with dirt from excavation.
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Photo 5



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at ongoing Parcel foundation work.
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Photo 6



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at ongoing construction of ductwork.
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Photo 7



Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at ongoing construction of ductwork and ammonia tank foundation.
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Photo 8



Location	SERC – Western Parcel	Description	View east-northeast from eastern portion of the Western Parcel at ongoing vehicle bridge construction work.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
April 4, 2019					Jake Ashford		06:30 - 15:30	
Temperature (°F)		Wind (mph)		Precipitation amount	Visibility	Weather Comment		
54 - 75		0 – 7 SW		0 inches	Good	Mostly to partly cloudy		
Location(s) of Work Site Activities Monitored								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, building forms for water treatment tank, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Reported and monitored an off-site active nest for signs of disturbance and marked buffer with flagging and signage. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, work on Parcel foundation, excavator loading dump trucks with spoils, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • A killdeer (<i>Charadrius vociferous</i>) nest observed off-site, on SCE property north of the Eastern Parcel. Biological monitor identified a 35-foot no-disturbance buffer and monitored the nest. The nesting bird findings were reported to the CPM, USFWS, and CDFW (per BIO-8) by the Designated Biologist. The no-disturbance buffer was marked for avoidance with flagging and signs. The nesting pair shows no sign of distress due to construction activities. • Cassin's kingbird (<i>Tyrannus vociferans</i>) pairs on and around Eastern and Western Parcels and adjacent SCE lots. • Northern mockingbird (<i>Mimus polyglottos</i>) pairs potentially nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 								
Items Requiring Action/Follow-up								
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 								
Wildlife Species Observed:								
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, 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 (Parcel 1)	Description	View southeast of continued excavation activities in the Eastern Parcel.
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Photo 2

Location	SERC – Eastern Parcel (Parcel 1)	Description	View southeast of dirt moving and dust control activities in the Eastern Parcel.
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Photo 3



Location	SERC – Western Parcel (Parcel 2)	Description	View northwest of trenching activities through the middle of the Western Parcel.
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Photo 4



Location	SERC – Eastern Parcel	Description	View north onto SCE property of Killdeer nest. Pair was incubating throughout the day showing no signs of disturbance due to construction activities.
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Photo 5



Location	SERC – Western Parcel (Parcel 2)	Description	View northeast of continued foundation laying activities for the vehicle bridge on the Western Parcel.
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Photo 6



Location	SERC – Eastern Parcel (Parcel 1)	Description	View southeast of continued excavation and ground moving activities on the Eastern Parcel.
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Stanton Energy Reliability Center (SERC)

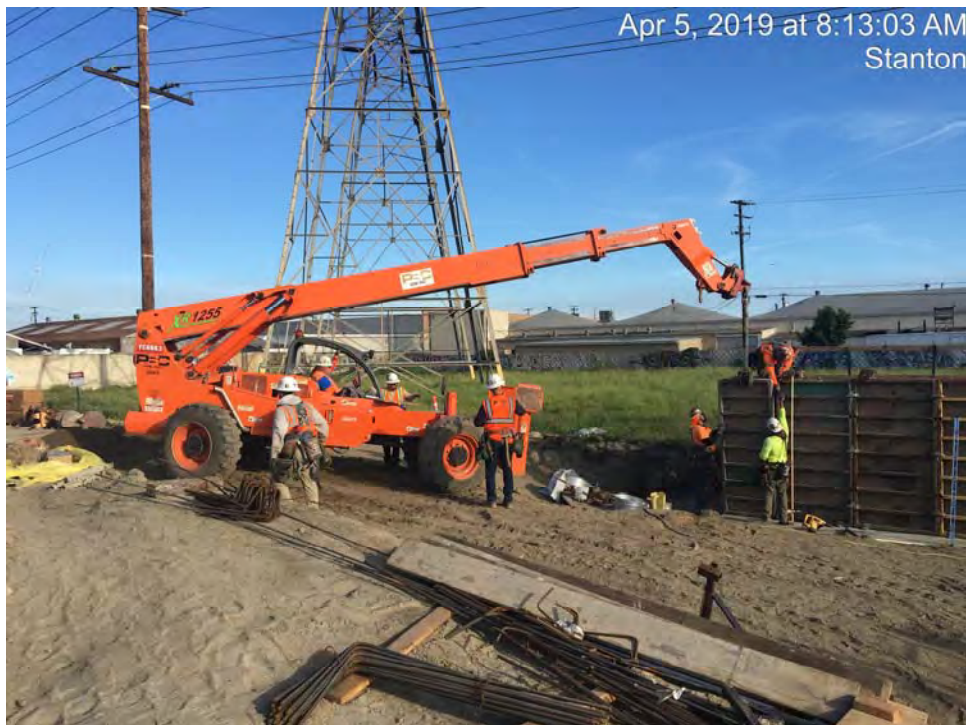
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
April 5, 2019					Jake Ashford		06:30 - 15:30	
Temperature (°F)		Wind (mph)		Precipitation amount	Visibility	Weather Comment		
54 - 78		0 – 9 SW		0 inches	Good	Mostly to partly cloudy		
Location(s) of Work Site Activities Monitored								
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, building forms for water treatment tank, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, work on Parcel foundation, excavator loading dump trucks with spoils, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. • A Cassin's kingbird (<i>Tyrannus vociferans</i>) pair is bringing fine nesting material to an SCE utility tower adjacent to the Western Parcel. The potential nest location is obscured by the tower and not visible. • Northern mockingbird (<i>Mimus polyglottos</i>) pairs potentially nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 								
Items Requiring Action/Follow-up								
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 								
Wildlife Species Observed:								
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), Scaly-breasted munia (<i>Lonchura punctulate</i>), American kestrel (<i>Falco sparverius</i>).</p>								

Photo 1



Location	SERC – Eastern Parcel (Parcel 1)	Description	View south of concrete pouring preparations for the ammonia tank on the western portion of Parcel 1.
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Photo 2

Location	SERC – Western Parcel (Parcel 2)	Description	View northwest of placement of shoring and foundation building for the vehicle bridge in Parcel 2.
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Photo 3



Location

SERC – Eastern Parcel
(Parcel 1)

Description

View east of continued excavation activities in middle of Parcel 2
outside of the ESA buffer.

Photo 4



Location

SERC – Eastern Parcel
(Parcel 1)

Description

View north onto SCE property of Killdeer nest. Pair was incubating
throughout the day showing no signs of disturbance due to
construction activities.

Photo 5



Location	SERC – Eastern Parcel (Parcel 1)	Description	View south of compaction activities in the excavated area within Parcel 1. Soil is wet from a water truck was actively spraying to mitigate fugitive dust.
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Photo 6



Location	SERC – Eastern Parcel (Parcel 1)	Description	View southeast of continued excavation and ground moving activities on the Eastern Parcel. Excavation ended for the day shortly after this photo was taken.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 8, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
60 - 88	0 – 8 SW	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, excavation of, and other work on, Parcel foundation, excavator loading dump trucks with spoils, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. • A Cassin's kingbird (<i>Tyrannus vociferans</i>) pair is bringing fine nesting material to an SCE utility tower adjacent to the Western Parcel. The potential nest location is obscured by the tower and not visible. • Northern mockingbird (<i>Mimus polyglottos</i>) pairs possibly nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel (<i>Falco sparverius</i>), western gull (<i>Larus occidentalis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaidura macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1

Date & Time: Mon, Apr 08, 2019, 08:05:32 PDT
Position: 033.807008° N / 117.985502° W
Altitude: 71ft
Datum: WGS-84
Azimuth/Bearing: 308° N52W 5476mils (True)
Elevation Angle: +27.1°
Horizon Angle: -00.4°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from eastern portion of the Eastern Parcel at ongoing Parcel excavation and foundation stabilization work.

Photo 2

Date & Time: Mon, Apr 08, 2019, 08:21:14 PDT
Position: 033.806990° N / 117.985536° W
Altitude: 86ft
Datum: WGS-84
Azimuth/Bearing: 299° N61W 5316mils (True)
Elevation Angle: +23.5°
Horizon Angle: -01.0°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

Another view southwest from eastern portion of the Eastern Parcel at ongoing Parcel excavation and foundation stabilization work.

Photo 3

Date & Time: Mon, Apr 08, 2019, 08:51:33 PDT
Position: 033.806588°N / 117.985713°W
Altitude: 72ft
Datum: WGS-84
Azimuth/Bearing: 303° N57W 5387mils (True)
Elevation Angle: +25.9°
Horizon Angle: -01.2°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from central portion of the Eastern Parcel at ongoing construction of ductwork and ammonia tank foundation.

Photo 4

Date & Time: Mon, Apr 08, 2019, 10:06:40 PDT
Position: 033.806753°N / 117.987344°W
Altitude: 89ft
Datum: WGS-84
Azimuth/Bearing: 049° N49E 0871mils (True)
Elevation Angle: +27.8°
Horizon Angle: -01.7°
Zoom: 1X



Location

SERC – Western Parcel

Description

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

Photo 5

Date & Time: Mon, Apr 08, 2019, 10:13:03 PDT
 Position: 033.806800°N / 117.985591°W
 Altitude: 145ft
 Datum: WGS-84
 Azimuth/Bearing: 090° N90E 1600mils (True)
 Elevation Angle: +30.1°
 Horizon Angle: -01.6°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south-southeast from central portion of the Eastern Parcel at ongoing Parcel excavation work. Worker in background is spraying water for dust suppression.

Photo 6

Date & Time: Mon, Apr 08, 2019, 10:13:12 PDT
 Position: 033.806800°N / 117.985591°W
 Altitude: 90ft
 Datum: WGS-84
 Azimuth/Bearing: 059° N59E 1049mils (True)
 Elevation Angle: +29.6°
 Horizon Angle: -01.5°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View east from central portion of the Eastern Parcel at ongoing Parcel excavation work. Work is being overseen by paleontological and archeological monitors (foreground) and soils engineer (at left).

Photo 7

Date & Time: Mon. Apr 08, 2019, 10:56:56 PDT
Position: 033.806658°N / 117.987073°W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 336° N24W 5973mils (True)
Elevation Angle: +28.4°
Horizon Angle: -02.2°
Zoom: 1X



Location

SERC – Between Eastern and Western Parcels

Description

View north from pedestrian bridge spanning the Stanton Storm Channel at new privacy/security fencing and ongoing vehicle bridge construction activity at left in background. Fiber rolls weighted down with sandbags to prevent runoff from project visible at left and right along the channel lip.

Photo 8

Date & Time: Mon. Apr 08, 2019, 13:41:31 PDT
Position: 033.806946°N / 117.985177°W
Altitude: 78ft
Datum: WGS-84
Azimuth/Bearing: 311° N49W 5529mils (True)
Elevation Angle: +28.3°
Horizon Angle: -01.6°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from eastern portion of the Eastern Parcel at ongoing Parcel excavation. Parcel excavation is progressing rapidly.

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

Date		Monitor		Time (Begin-End)	
April 9, 2019		Ken Levenstein		06:30 - 15:00	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
61 - 76	0 – 12 SW	0 inches	Good	Sunny	
Location(s) of Work Site Activities Monitored					
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, building of forms for south wall of Parcel foundation and ductwork, excavation of, and other work on, Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>					
Summary of Biological Resources Monitoring Observations					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none">• None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none">• A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities.• A Cassin's kingbird (<i>Tyrannus vociferans</i>) pair is bringing fine nesting material to an SCE utility tower adjacent to the Western Parcel. The potential nest location is obscured by the tower and not visible.• Northern mockingbird (<i>Mimus polyglottos</i>) pairs possibly nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none">• Cassin's kingbird observed attacking pair of common ravens (<i>Corvus corax</i>) as they flew over the Project. <p>Other Observations/Comments:</p> <ul style="list-style-type: none">• No project personnel/equipment-wildlife interactions occurred.					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none">• No specific items to follow up on. Monitoring of work will continue during Project construction activities.					
Wildlife Species Observed:					
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel (<i>Falco sparverius</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, common raven, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), scaly-breasted munia (<i>Lonchura punctulata</i>).</p>					

Photo 1

Date & Time: Tue, Apr 09, 2019, 08:22:53 PDT
Position: 033.806901°N / 117.985174°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 284° N76W 5049mils (True)
Elevation Angle: +28.2°
Horizon Angle: -02.2°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View southwest from eastern portion of the Eastern Parcel at ongoing Parcel excavation and foundation stabilization work.

Photo 2

Date & Time: Tue, Apr 09, 2019, 08:23:54 PDT
Position: 033.806945°N / 117.985350°W
Altitude: 68ft
Datum: WGS-84
Azimuth/Bearing: 292° N68W 5191mils (True)
Elevation Angle: +23.5°
Horizon Angle: -02.2°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

Another view southwest from eastern portion of the Eastern Parcel at ongoing Parcel excavation and foundation stabilization work.

Photo 3

Date & Time: Tue, Apr 09, 2019, 08:46:46 PDT
 Position: 033.806914°N / 117.986651°W
 Altitude: 82ft
 Datum: WGS-84
 Azimuth/Bearing: 007° N07E 0124mils (True)
 Elevation Angle: +27.4°
 Horizon Angle: -00.2°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View south-southwest from western portion of the Eastern Parcel at trenching in Parcel foundation. Board visible at left center of photo is a wildlife escape ramp still in place from the previous night.
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Photo 4

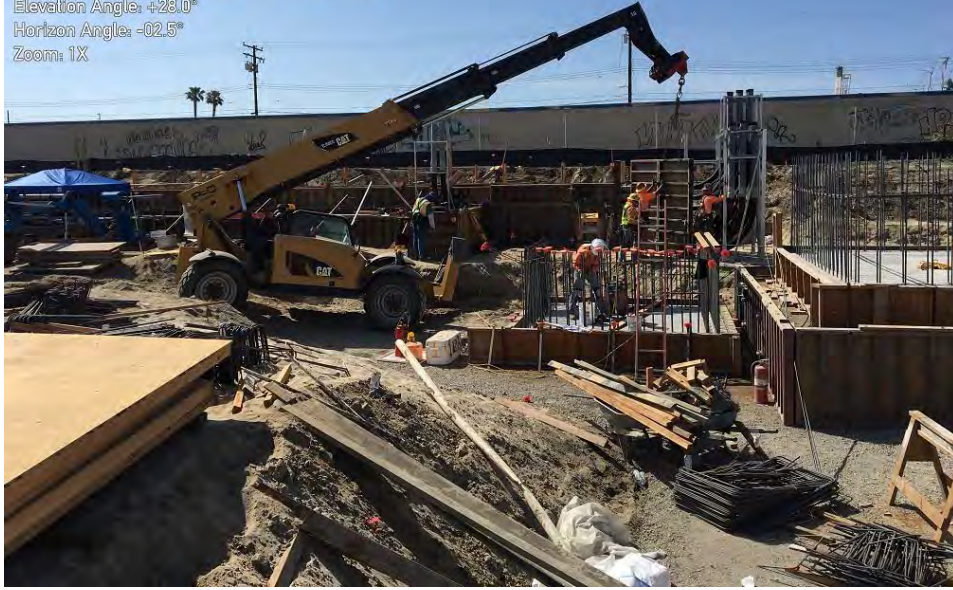
Date & Time: Tue, Apr 09, 2019, 10:27:37 PDT
 Position: 033.806836°N / 117.986861°W
 Altitude: 74ft
 Datum: WGS-84
 Azimuth/Bearing: 003° N03E 0053mils (True)
 Elevation Angle: +32.6°
 Horizon Angle: -03.1°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View north-northwest from western portion of the Eastern Parcel at vehicle bridge undergoing construction. Photo taken following pouring of concrete (boom from concrete pump truck is visible above workers).
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Photo 5

Date & Time: Tue, Apr 09, 2019, 10:28:42 PDT
Position: 033.806860° N / 117.986300° W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 096° S84E 1707mils (True)
Elevation Angle: +28.0°
Horizon Angle: -02.5°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View south from western portion of the Eastern Parcel at forklift holding a cement form aloft as workers maneuver it into place alongside ductwork.
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Photo 6

Date & Time: Tue, Apr 09, 2019, 14:08:22 PDT
Position: 033.806917° N / 117.987123° W
Altitude: 73ft
Datum: WGS-84
Azimuth/Bearing: 049° N49E 0871mils (True)
Elevation Angle: +30.4°
Horizon Angle: -02.7°
Zoom: 1X



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at vehicle bridge construction on either side of the Stanton Storm Channel.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 10, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 - 77	0 – 11 W	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. A Cassin's kingbird (<i>Tyrannus vociferans</i>) has been seen bringing fine nesting material to an SCE utility tower adjacent to the Western Parcel. The potential nest location is obscured by the tower and not visible. Northern mockingbird (<i>Mimus polyglottos</i>) pairs possibly nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> A Cassin's kingbird was observed attacking a red-tailed hawk (<i>Buteo jamaicensis</i>) as it flew over the SCE lot adjacent to and north of the Eastern Parcel. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, American kestrel (<i>falco sparverius</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), lesser goldfinch (<i>Carduelis psaltria</i>), house sparrow (<i>Passer domesticus</i>), scaly-breasted munia (<i>Lonchura punctulata</i>).</p>				

Photo 1

Date & Time: Wed, Apr 10, 2019, 08:11:21 PDT
Position: 033.806966°N / 117.984918°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 256° S76W 4551mils (True)
Elevation Angle: +28.3°
Horizon Angle: -02.5°
Zoom: 1X

**Location** SERC – Eastern Parcel**Description**

View south-southwest from eastern portion of the Eastern Parcel at dump truck delivering base for Parcel foundation stabilization work.

Photo 2

Date & Time: Wed, Apr 10, 2019, 08:12:25 PDT
Position: 033.807153°N / 117.985171°W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 301° N59W 5351mils (True)
Elevation Angle: +28.1°
Horizon Angle: -02.9°
Zoom: 1X

**Location** SERC – Eastern Parcel**Description**

View west-southwest from eastern portion of the Eastern Parcel at ongoing Parcel foundation stabilization work.

Photo 3

Date & Time: Wed, Apr 10, 2019, 08:14:35 PDT
Position: 033.806963°N / 117.986262°W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 308° N52W 5476mils (True)
Elevation Angle: +27.1°
Horizon Angle: -02.1°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south-southwest from western portion of the Eastern Parcel at ongoing construction of ductwork and ammonia tank foundation.

Photo 4

Date & Time: Wed, Apr 10, 2019, 08:15:08 PDT
Position: 033.807001°N / 117.986479°W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 307° N53W 5458mils (True)
Elevation Angle: +27.1°
Horizon Angle: -02.7°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at trenching for laying of ductworks. In background, workers engaged in ongoing vehicle bridge construction activities are visible.

Photo 5

Date & Time: Wed, Apr 10, 2019, 12:27:03 PDT
Position: 033.806970° N / 117.985259° W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 300° N60W 5333mils (True)
Elevation Angle: +27.7°
Horizon Angle: -03.2°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west-southwest from eastern portion of the Eastern Parcel at dump truck delivering base for Parcel foundation stabilization work.
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Photo 6



Location	SERC – Eastern Parcel	Description	View north from western portion of the Eastern Parcel at sign and yellow rope in place to warn workers to avoid disturbing nesting killdeer pair. A killdeer sitting on the nest is visible as a brown dot to right of sign.
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Photo 7

Date & Time: Wed, Apr 10, 2019, 12:29:11 PDT
Position: 033.806905°N / 117.986131°W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 272° N88W 4836mils (True)
Elevation Angle: +26.5°
Horizon Angle: -02.1°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south from western portion of the Eastern Parcel at ongoing construction of ductwork and ammonia tank foundation.

Photo 8

Date & Time: Wed, Apr 10, 2019, 12:31:35 PDT
Position: 033.806751°N / 117.986673°W
Altitude: 65ft
Datum: WGS-84
Azimuth/Bearing: 351° N09W 6240mils (True)
Elevation Angle: +26.5°
Horizon Angle: -02.6°
Zoom: 1X



Location

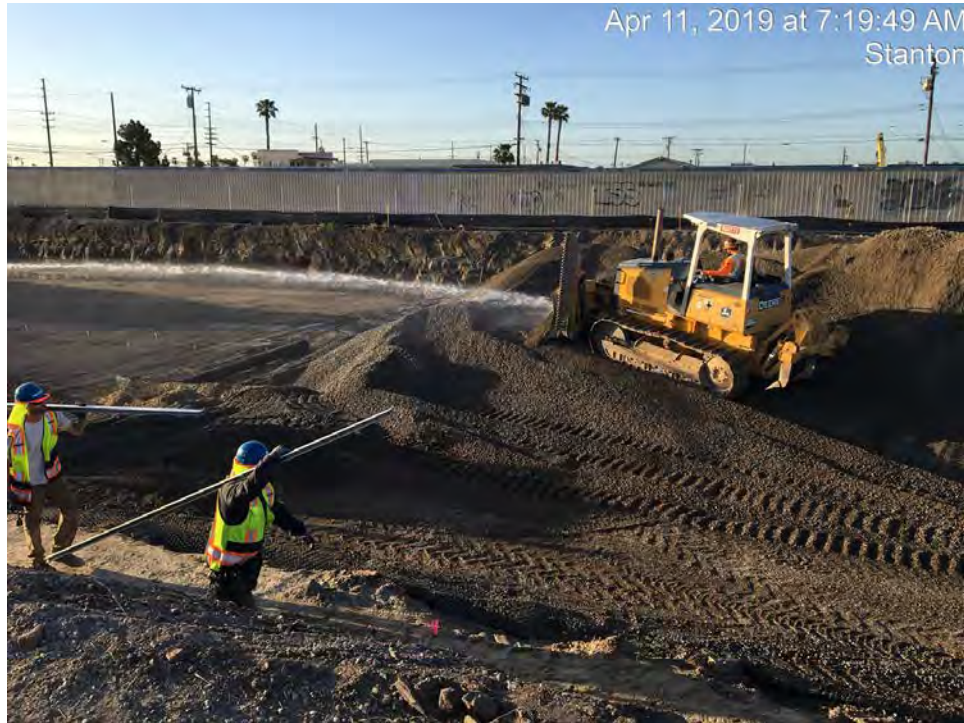
SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at workers laying ductwork in the Parcel foundation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 11, 2019		Jake Ashford		06:30 - 15:15
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
59 - 78	0 – 7 W	0 inches	Good	Sunny to partly cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. A Cassin's kingbird (<i>Tyrannus vociferans</i>) has been seen bringing fine nesting material to an SCE utility tower adjacent to the Western Parcel. The potential nest location is obscured by the tower and not visible. Northern mockingbird (<i>Mimus polyglottos</i>) pairs possibly nesting nearby; no nests visible. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> A Cassin's kingbird was observed mobbing a red-tailed hawk (<i>Buteo jamaicensis</i>) as it flew over the SCE lot adjacent to and north of the Eastern Parcel. A Cassin's kingbird pair was observed mobbing another Cassin's kingbird as it flew over the SCE lot adjacent to and north of the Eastern Parcel. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> Food trash including water bottles observed on site and trenches without wildlife ramps were observed. Crews will be reminded that all food trash should be thrown away and wildlife ramps should be placed daily at the end of work. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, barn swallow (<i>Hirundo rustica</i>), northern mockingbird, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), scaly-breasted munia (<i>Lonchura punctulata</i>).</p>				

Photo 1



Location	SERC – Eastern Parcel	Description	View south from northern portion of Eastern Parcel at earth moving and dust suppression activities during continued foundation construction.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southwest from northern portion of Eastern Parcel at concrete pouring activities during continued ductwork and foundation laying.
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Photo 3



Location	SERC – Eastern Parcel	Description	View northwest of electrical work and trenching occurring in the eastern portion of the Eastern Parcel.
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Photo 4



Location	SERC – Eastern Parcel	Description	View west from western portion of the Eastern Parcel at continued delivery of gravel and fill material.
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Photo 5



Location	SERC – Western Parcel	Description	View west from eastern portion of the Western Parcel at earth moving and dust suppression activities as part of vehicle bridge construction.
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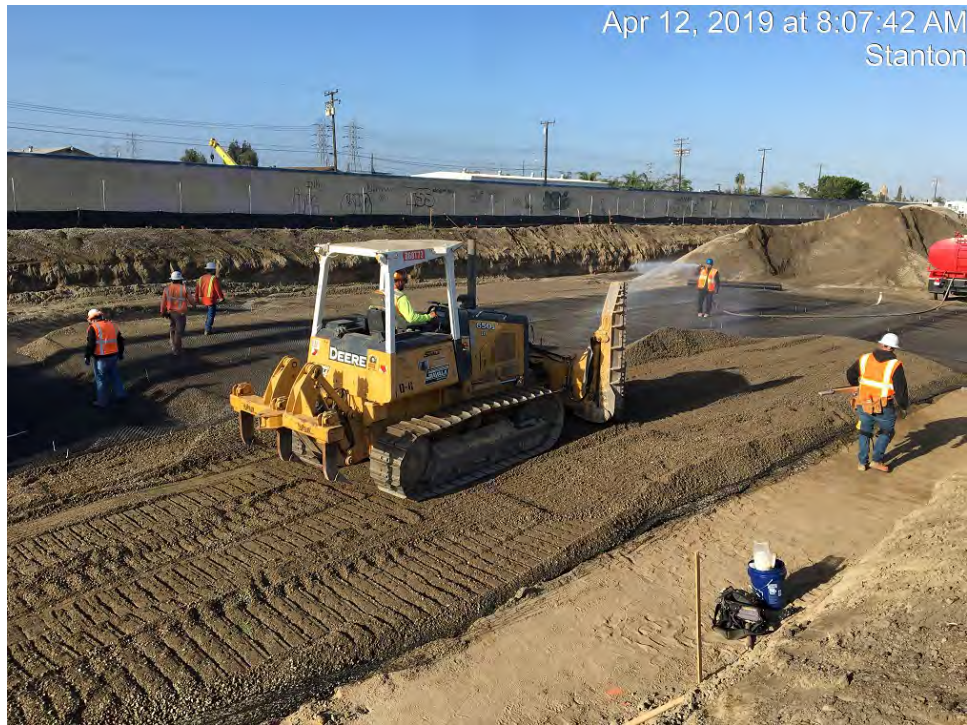
Photo 6



Location	SERC – Eastern Parcel	Description	View north from northern portion of the Eastern Parcel at killdeer incubating on SCE property. The pair shows no sign of disturbance.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 12, 2019		Jake Ashford		06:30 - 15:30
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 - 80	0 – 5 W	0 inches	Good	Sunny to Partly Cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel (<i>Falco sparverius</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), 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 northern portion of the Eastern Parcel at grading and foundation laying activities.
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Photo 2



Location	SERC – Eastern Parcel	Description	View southeast from northern portion of the Eastern Parcel at gravel fill delivery and foundation laying activities.
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Photo 3



Location

SERC – Eastern Parcel

Description

View southwest from portion portion of the Eastern Parcel at ongoing construction of ammonia tank foundation.

Photo 4



Location

SERC – Eastern Parcel

Description

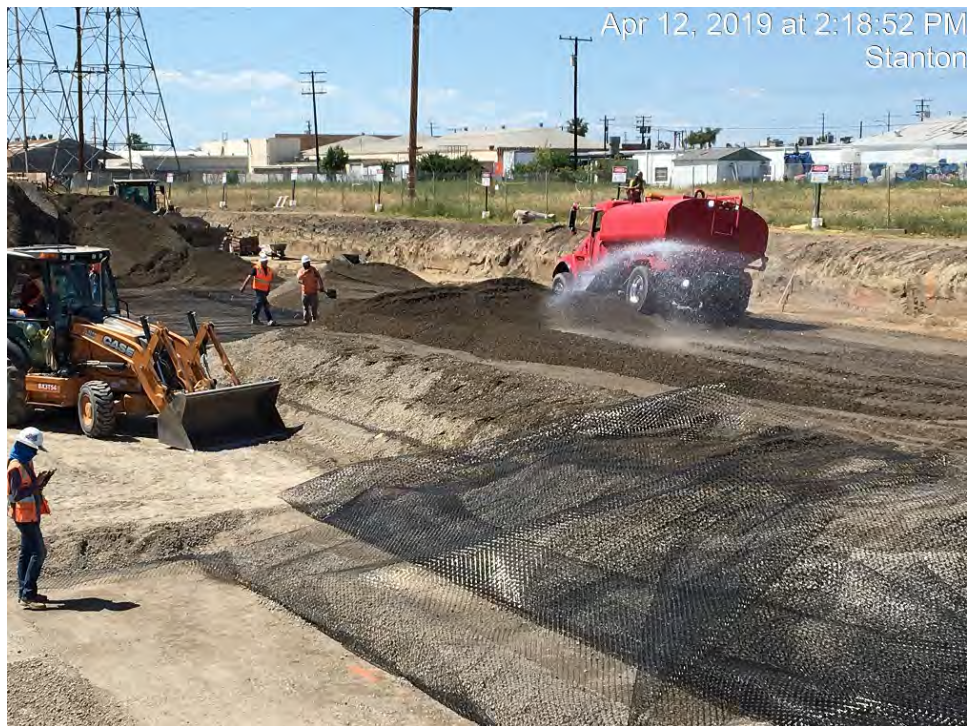
View north from northern portion of the Eastern Parcel at killdeer incubating on nest. Killdeer showed no signs of disturbance due to construction activities.

Photo 5



Location	SERC – Eastern Parcel	Description	View southeast from northern portion of the Eastern Parcel at earth moving activities for foundation stabilization work.
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Photo 6



Location	SERC – Eastern Parcel	Description	View northwest from southern portion of the Eastern Parcel water truck conducting dust abatement activities.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 15, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
52 - 65	0 – 7 SW	0 inches	Good	Cloudy early to Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge and water storage tank construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> A Cassin's kingbird (<i>Tyrannus vociferans</i>) and a killdeer were observed attacking a red-tailed hawk (<i>Buteo jamaicensis</i>) as it flew over the SCE lot adjacent to and north of the Eastern Parcel. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, 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, Apr 15, 2019, 07:34:15 PDT
Position: 033.806858°N / 117.985448°W
Altitude: 79ft
Datum: WGS-84
Azimuth/Bearing: 071° N71E 1262mils (True)
Elevation Angle: +27.9°
Horizon Angle: -03.1°
Zoom: 1X

**Location** SERC – Eastern Parcel**Description**

View southeast from eastern portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.

Photo 2

Date & Time: Mon, Apr 15, 2019, 07:46:58 PDT
Position: 033.806961°N / 117.986086°W
Altitude: 87ft
Datum: WGS-84
Azimuth/Bearing: 277° N88W 4924mils (True)
Elevation Angle: +27.9°
Horizon Angle: -01.7°
Zoom: 1X

**Location** SERC – Eastern Parcel**Description**

View southwest from eastern portion of the Eastern Parcel at ongoing ductworks construction.

Photo 3



Location	SERC – Eastern Parcel	Description	View west-northwest from western portion of the Eastern Parcel at concrete pump truck pouring into vehicle bridge cement forms.
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Photo 4



Location	SERC – Western Parcel	Description	View northwest from eastern portion of the Western Parcel at ongoing addition of rebar for the water treatment tank.
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Photo 5



Location

SERC – Eastern Parcel

Description

View east-southeast from eastern portion of the Eastern Parcel at ongoing excavation work for ductworks being constructed along the south wall of the Parcel from west to east.

Photo 6



Location

SERC – Western Parcel

Description

View southeast from eastern portion of the Western Parcel at worker engaged in replacing a section of the chain-link fence running along the southern border of the Parcel.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 16, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
57 - 65	0 – 7 SW	0 inches	Good	Cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge and water de-mineralization tank construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> A Cassin's kingbird (<i>Tyrannus vociferans</i>) was observed attacking a red-tailed hawk (<i>Buteo jamaicensis</i>) as it flew over the SCE lot adjacent to and north of the Eastern Parcel. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk, Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird, 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: Tue, Apr 16, 2019, 09:40:14 PDT
 Position: 033.806981°N / 117.936095°W
 Altitude: 79ft
 Datum: WGS-84
 Azimuth/Bearing: 295° N65W 5244mils (True)
 Elevation Angle: +24.7°
 Horizon Angle: -02.3°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southeast from eastern portion of the Eastern Parcel at ongoing ductworks construction.
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Photo 2

Date & Time: Tue, Apr 16, 2019, 09:40:20 PDT
 Position: 033.806981°N / 117.936095°W
 Altitude: 80ft
 Datum: WGS-84
 Azimuth/Bearing: 071° N71E 1262mils (True)
 Elevation Angle: +25.7°
 Horizon Angle: -02.9°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from eastern portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.
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Photo 3

Date & Time: Tue, Apr 16, 2019, 09:57:19 PDT
Position: 033.807191°N / 117.985386°W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 316° N44W 5618mils (True)
Elevation Angle: +27.4°
Horizon Angle: -01.9°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from central portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.

Photo 4

Date & Time: Tue, Apr 16, 2019, 10:52:09 PDT
Position: 033.806695°N / 117.986279°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 308° N52W 5476mils (True)
Elevation Angle: +28.0°
Horizon Angle: -02.6°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from in the pit, western portion of the Eastern Parcel at worker tamping down base adjacent to the overflow tank foundation. South wall of Parcel encasing ductwork at left.

Photo 5

Date & Time: Tue, Apr 16, 2019, 10:52:29 PDT
 Position: 033.806766° N / 117.986219° W
 Altitude: 68ft
 Datum: WGS-84
 Azimuth/Bearing: 066° N66E 1173mils (True)
 Elevation Angle: +27.5°
 Horizon Angle: -01.9°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View east-southeast from western portion of the Eastern Parcel at ongoing construction activity associated with ductworks fabrication and installation.
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Photo 6

Date & Time: Tue, Apr 16, 2019, 11:00:24 PDT
 Position: 033.806697° N / 117.986523° W
 Altitude: 77ft
 Datum: WGS-84
 Azimuth/Bearing: 340° N20W 6074mils (True)
 Elevation Angle: +29.1°
 Horizon Angle: -01.6°
 Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northwest from western portion of the Eastern Parcel at transformer foundation following installation of base over ductworks. Vehicle bridge foundation in background.
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Photo 5



Location	SERC – Western Parcel	Description	View east-northeast from eastern portion of the Western Parcel at base stabilization work adjacent to vehicle bridge foundation.
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Photo 6



Location	SERC – Western Parcel	Description	View south-southeast from eastern portion of the Western Parcel at worker engaged in welding a portion of the water de-mineralization tank's foundation.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 17, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
53 - 73	0 – 7 SW	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge and water de-mineralization tank construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, transformer foundation, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), Cassin’s kingbird (<i>Tyrannus vociferans</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: Wed, Apr 17, 2019, 09:09:19 PDT
Position: 033.806627°N / 117.985661°W
Altitude: 70ft
Datum: WGS-84
Azimuth/Bearing: 320° N40W 5689mils (True)
Elevation Angle: +28.5°
Horizon Angle: -01.7°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

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

Photo 2

Date & Time: Wed, Apr 17, 2019, 09:17:49 PDT
Position: 033.806717°N / 117.984877°W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 034° N34E 0604mils (True)
Elevation Angle: +24.8°
Horizon Angle: -03.1°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View northeast from eastern portion of the Eastern Parcel at trenching for installation of Parcel's temporary electrical connections.

Photo 3

Date & Time: Wed, Apr 17, 2019, 09:22:09 PDT
Position: 033.806962°N / 117.985501°W
Altitude: 73ft
Datum: WGS-84
Azimuth/Bearing: 308° N52W 5476mils (True)
Elevation Angle: +28.4°
Horizon Angle: -01.6°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View west-southwest from central portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.

Photo 4

Date & Time: Wed, Apr 17, 2019, 09:25:18 PDT
Position: 033.806818°N / 117.986211°W
Altitude: 62ft
Datum: WGS-84
Azimuth/Bearing: 306° N54W 5440mils (True)
Elevation Angle: +28.3°
Horizon Angle: -02.0°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View southwest from central portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.

Photo 5

Date & Time: Wed, Apr 17, 2019, 09:28:09 PDT
Position: 033.806798°N / 117.986503°W
Altitude: 79ft
Datum: WGS-84
Azimuth/Bearing: 272° N88W 4836mils (True)
Elevation Angle: +28.1°
Horizon Angle: -01.3°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at rebar delivery for installation in transformer foundation. Initial construction of forms for transformer foundation visible at center of photo just beyond flatbed loaded with rebar.

Photo 6

Date & Time: Wed, Apr 17, 2019, 12:53:41 PDT
Position: 033.806613°N / 117.987319°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 037° N37E 0658mils (True)
Elevation Angle: +29.6°
Horizon Angle: -02.5°
Zoom: 1X



Location

SERC – Western Parcel

Description

View northeast from eastern portion of the Western Parcel at ongoing de-mineralization tank foundation construction. Vehicle bridge foundation visible in background.

Photo 5

Date & Time: Wed, Apr 17, 2019, 12:54:22 PDT
 Position: 033.806877°N / 117.987250°W
 Altitude: 73ft
 Datum: WGS-84
 Azimuth/Bearing: 032° N32E 0569mils (True)
 Elevation Angle: +29.2°
 Horizon Angle: -02.1°
 Zoom: 1X



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at vehicle bridge foundation.
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Photo 6

Date & Time: Wed, Apr 17, 2019, 13:39:38 PDT
 Position: 033.806768°N / 117.988074°W
 Altitude: 71ft
 Datum: WGS-84
 Azimuth/Bearing: 052° N52E 0924mils (True)
 Elevation Angle: +29.2°
 Horizon Angle: -01.8°
 Zoom: 1X



Location	SERC – Western Parcel	Description	View east-northeast from central portion of the Western Parcel at a small portion of materials stored onsite prior to utilization on the Project.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 18, 2019		Jake Ashford		06:30 - 15:30
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 - 85	0 – 4 W	0 inches	Good	Sunny to Partly Cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> • No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin’s kingbird (<i>Tyrannus vociferans</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 northern portion of the Eastern Parcel at grading activities and foundation fill material delivery.
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Photo 2



Location	SERC – Eastern Parcel	Description	View north from northern portion of the Eastern Parcel at killdeer incubating on nest. Killdeer showed no signs of disturbance due to construction activities.
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Photo 3



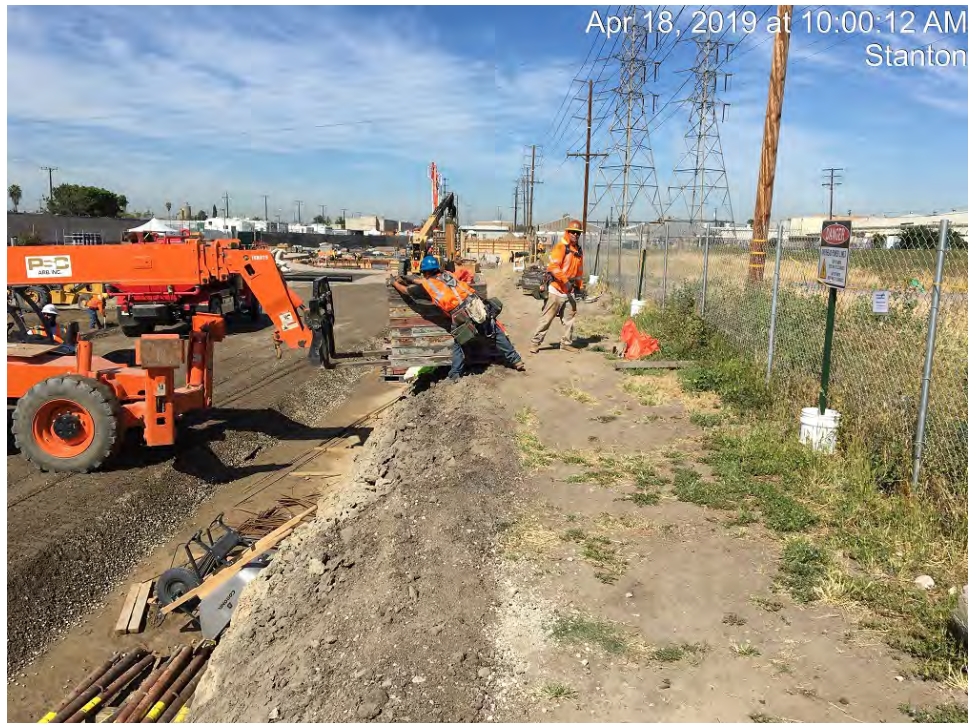
Location

SERC – Western Parcel

Description

View west from western portion of the Eastern Parcel at delivery and staging of vehicle bridge materials.

Photo 4



Location

SERC – Eastern Parcel

Description

View west from northern portion of the Eastern Parcel at crews moving and staging material. Crews stayed outside of the 35-foot Environmentally Sensitive Area buffer.

Photo 5



Location	SERC – Western Parcel	Description	View north from southeast portion of Western Parcel at concrete foundation pouring activities.
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Photo 6



Location	SERC – Eastern Parcel	Description	View southwest from northern portion of the Eastern Parcel water truck conducting dust abatement activities.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 19, 2019		Jake Ashford		06:30 - 15:30
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
55 - 76	0 – 5 W	0 inches	Good	Overcast to Partly Cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, sump overflow and ammonia tank foundations, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferous</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> A Southern California Edison (SCE) affiliated employee drove through the SCE parcel north of the SERC Eastern Parcel which contains the killdeer nest. Although the nest was avoided, the killdeer left the nest due to the proximity of the vehicle. The killdeer returned to incubation shortly after the vehicle pulled away. The SCE affiliated employee was notified of the presence of the nest and proceeded to leave the area. Follow-up observations showed the killdeer incubating on the nest for the remainder of the day showing no signs of stress. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), American kestrel (<i>Falco sparverius</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location	SERC – Western Parcel	Description	View west from eastern portion of the Western Parcel of trenching activities near the southern fenceline.
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Photo 2



Location	SERC – Eastern Parcel	Description	View northwest from northern portion of the Eastern Parcel at crews using slurry to backfill the vehicle bridge foundation.
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Photo 3



Location

SERC – Eastern Parcel

Description

View southwest from northern portion of the Eastern Parcel at ongoing grading and foundation laying activities.

Photo 4



Location

SERC – Eastern Parcel

Description

View north from northern portion of the Eastern Parcel at water truck conducting dust abatement activities.

Photo 5



Location	SERC – Eastern Parcel	Description	View north from northern portion of the Eastern Parcel at killdeer incubating on nest after disturbance from SCE affiliated vehicle driving within the 35-foot buffer.
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Photo 6



Location	SERC – Eastern Parcel	Description	View south from northern portion of the Eastern Parcel earth moving activities and framing activities in preparation for concrete.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 22, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
54 - 70	0 – 8 SW	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, transformer foundation, building of forms and placement of ductwork, work on Parcel foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</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, Apr 22, 2019, 12:35:05 PDT
Position: 033.806895° N / 117.985432° W
Altitude: 91ft
Datum: WGS-84
Azimuth/Bearing: 096° S84E 1707mils (True)
Elevation Angle: +28.7°
Horizon Angle: -02.6°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View south from eastern portion of the Eastern Parcel at bulldozer working on roadway for dump truck turnaround.

Photo 2

Date & Time: Mon, Apr 22, 2019, 12:36:34 PDT
Position: 033.806876° N / 117.985737° W
Altitude: 83ft
Datum: WGS-84
Azimuth/Bearing: 073° N73E 1298mils (True)
Elevation Angle: +27.9°
Horizon Angle: -02.3°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

Another view (southeast from east-central portion of the Eastern Parcel) at bulldozer, in middle of photo behind roller, working on roadway for dump truck turnaround. Spoils pile awaiting removal from site evident in middle of photo.

Photo 3

Date & Time: Mon, Apr 22, 2019, 12:39:19 PDT
Position: 033.806822°N / 117.986666°W
Altitude: 57ft
Datum: WGS-84
Azimuth/Bearing: 305° N55W 5422mils (True)
Elevation Angle: +29.5°
Horizon Angle: -02.2°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel transformer foundation. Forklift visible in background is assisting in the removal of cement forms from the vehicle bridge foundation which is still under construction.

Photo 4

Date & Time: Mon, Apr 22, 2019, 12:40:49 PDT
Position: 033.806622°N / 117.986534°W
Altitude: 83ft
Datum: WGS-84
Azimuth/Bearing: 056° N56E 0996mils (True)
Elevation Angle: +29.4°
Horizon Angle: -02.4°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from central portion of the Eastern Parcel at ongoing Parcel foundation buildup and stabilization work.

Photo 5

Date & Time: Mon, Apr 22, 2019, 12:42:42 PDT
Position: 033.806513°N / 117.987183°W
Altitude: 67ft
Datum: WGS-84
Azimuth/Bearing: 031° N31E 0551mils (True)
Elevation Angle: +28.4°
Horizon Angle: -02.6°
Zoom: 1X



Location

SERC – Western Parcel

Description

View northeast from eastern portion of the Western Parcel at large prefabricated portions (in foreground) of the vehicle bridge awaiting installation on to the bridge foundation (in background).

Photo 6

Date & Time: Mon, Apr 22, 2019, 12:42:58 PDT
Position: 033.806621°N / 117.987286°W
Altitude: 71ft
Datum: WGS-84
Azimuth/Bearing: 003° N03E 0053mils (True)
Elevation Angle: +27.2°
Horizon Angle: -02.5°
Zoom: 1X



Location

SERC – Western Parcel

Description

View northeast from eastern portion of the Western Parcel at ongoing de-mineralization tank foundation construction.

Photo 7

Date & Time: Mon, Apr 22, 2019, 12:43:28 PDT
Position: 033.806547°N / 117.987470°W
Altitude: 78ft
Datum: WGS-84
Azimuth/Bearing: 064° N64E 1138mils (True)
Elevation Angle: +27.6°
Horizon Angle: -02.6°
Zoom: 1X



Location

SERC – Western Parcel

Description

View east from southeastern portion of the Western Parcel at new temporary privacy fencing along the southeastern perimeter of the Parcel.

Photo 8

Date & Time: Mon, Apr 22, 2019, 12:44:15 PDT
Position: 033.806732°N / 117.987384°W
Altitude: 81ft
Datum: WGS-84
Azimuth/Bearing: 064° N64E 1138mils (True)
Elevation Angle: +29.8°
Horizon Angle: -02.4°
Zoom: 1X



Location

SERC – Western Parcel

Description

View east from eastern portion of the Western Parcel at vehicle bridge foundation (left) and de-mineralization tank foundation (right).

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 23, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
56 - 73	0 – 9 SW	0 inches	Good	Sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, pouring of concrete into ductwork forms and ammonia sump foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</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>), lesser goldfinch (<i>Spinus psaltria</i>), house sparrow (<i>Passer domesticus</i>), scaly-breasted munia (<i>Lonchura punctulata</i>).</p>				

Photo 1

Date & Time: Tue, Apr 23, 2019, 07:30:05 PDT
Position: 033.806989°N / 117.986158°W
Altitude: 81ft
Datum: WGS-84
Azimuth/Bearing: 303° N57W 5387mils (True)
Elevation Angle: +32.5°
Horizon Angle: -01.6°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west-southwest from central portion of the Eastern Parcel at pump truck pouring concrete into ammonia sump tank forms.
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Photo 2

Date & Time: Tue, Apr 23, 2019, 07:32:56 PDT
Position: 033.806823°N / 117.985882°W
Altitude: 83ft
Datum: WGS-84
Azimuth/Bearing: 290° N70W 5156mils (True)
Elevation Angle: +27.9°
Horizon Angle: -01.6°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View south-southwest from central portion of the Eastern Parcel at “cement” (actually, concrete) truck providing material to concrete pump truck. Large plastic sheet on the ground is for containment in the event that any of the material should spill.
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Photo 3

Date & Time: Tue, Apr 23, 2019, 07:37:15 PDT
 Position: 033.806961°N / 117.985930°W
 Altitude: 77ft
 Datum: WGS-84
 Azimuth/Bearing: 261° S81W 4640mils (True)
 Elevation Angle: +31.8°
 Horizon Angle: -00.9°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

Another view (southwest) from central portion of the Eastern Parcel at pump truck pouring concrete into ammonia sump tank forms.

Photo 4

Date & Time: Tue, Apr 23, 2019, 07:48:54 PDT
 Position: 033.806656°N / 117.986731°W
 Altitude: 76ft
 Datum: WGS-84
 Azimuth/Bearing: 335° N25W 5956mils (True)
 Elevation Angle: +30.8°
 Horizon Angle: -01.4°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View northwest from western portion of the Eastern Parcel at forklift removing forms from the area around the vehicle bridge foundation.

Photo 5

Date & Time: Tue, Apr 23, 2019, 10:50:30 PDT
Position: 033.806787°N / 117.986505°W
Altitude: 72ft
Datum: WGS-84
Azimuth/Bearing: 332° N28W 5902mils (True)
Elevation Angle: +31.4°
Horizon Angle: -01.7°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northwest from western portion of the Eastern Parcel at large prefabricated portion of the vehicle bridge being hoisted into place on top of the foundation. Transformer foundation visible in foreground.
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Photo 6

Date & Time: Tue, Apr 23, 2019, 10:50:57 PDT
Position: 033.806756°N / 117.986765°W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 342° N18W 6080mils (True)
Elevation Angle: +31.8°
Horizon Angle: -02.1°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	Another view northwest from western portion of the Eastern Parcel at large prefabricated portion of the vehicle bridge being hoisted into place on top of the foundation.
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Photo 7



Location	SERC – Between Parcels	Description	Another view (north) from pedestrian bridge over the Stanton Storm Channel at large prefabricated portion of the vehicle bridge being hoisted into place on top of the foundation.
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Photo 8



Location	SERC – Western Parcel	Description	Another view (northeast) from eastern portion of the Western Parcel at large prefabricated portion of the vehicle bridge being hoisted into place on top of the foundation.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 24, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 - 74	0 – 8 SW	0 inches	Good	Overcast early, clearing mid-morning, sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing vehicle bridge construction activities, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, ongoing activities related to construction of the vehicle bridge, ductwork, ammonia tank and sump, pouring of concrete into utility rack foundation, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</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: Wed, Apr 24, 2019, 07:33:28 PDT
Position: 033.806916°N / 117.986207°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 080° N80E 1422mils (True)
Elevation Angle: +29.5°
Horizon Angle: -02.4°
Zoom: 1X

**Location** SERC – Eastern Parcel**Description**

View southeast from central portion of the Eastern Parcel at truck delivering shoring for ductwork trench.

Photo 2

Date & Time: Wed, Apr 24, 2019, 07:43:33 PDT
Position: 033.807561°N / 117.985477°W
Altitude: 83ft
Datum: WGS-84
Azimuth/Bearing: 336° N24W 5973mils (True)
Elevation Angle: +26.5°
Horizon Angle: -02.4°
Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View northwest from western portion of the Eastern Parcel at workers continuing to add rebar for the transformer foundation.

Photo 3



Location	SERC – Western Parcel	Description	View northeast from eastern portion of the Western Parcel at water de-mineralization tank foundation following removal of forms.
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Photo 4



Location	SERC – Eastern Parcel	Description	View northwest from western portion of the Eastern Parcel at workers smoothing concrete from first truckload that was poured for the utility rack foundation a few minutes earlier.
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Photo 5

Date & Time: Wed, Apr 24, 2019, 12:48:13 PDT
Position: 033.806887° N / 117.985759° W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 305° N55W 5422mils (True)
Elevation Angle: +28.8°
Horizon Angle: -02.2°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at large shoring components for ductwork trench following offloading from delivery truck.
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Photo 6

Date & Time: Wed, Apr 24, 2019, 12:49:47 PDT
Position: 033.806836° N / 117.985513° W
Altitude: 74ft
Datum: WGS-84
Azimuth/Bearing: 290° N70W 5156mils (True)
Elevation Angle: +28.7°
Horizon Angle: -00.7°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at ongoing ductwork construction along the southern perimeter of the Parcel.
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Photo 7

Date & Time: Wed, Apr 24, 2019, 13:16:23 PDT
 Position: 033.806786°N / 117.986869°W
 Altitude: 67ft
 Datum: WGS-84
 Azimuth/Bearing: 046° N46E 0818mils (True)
 Elevation Angle: +30.1°
 Horizon Angle: -03.5°
 Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View northwest from western portion of the Eastern Parcel at workers adding another truckload of concrete to the utility rack foundation.

Photo 8

Date & Time: Wed, Apr 24, 2019, 13:18:16 PDT
 Position: 033.806817°N / 117.988120°W
 Altitude: 71ft
 Datum: WGS-84
 Azimuth/Bearing: 065° N65E 1156mils (True)
 Elevation Angle: +31.5°
 Horizon Angle: -02.4°
 Zoom: 1X

**Location**

SERC – Western Parcel

Description

View east-southeast from central portion of the Western Parcel at workers busy fabricating portions of ductwork for addition to ongoing construction in the Eastern Parcel.

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

Date		Monitor		Time (Begin-End)	
April 25, 2019		Ken Levenstein		06:30 - 15:00	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
58 - 73	0 – 8 SW	0 inches	Good	Overcast early, clearing mid-morning, sunny	
Location(s) of Work Site Activities Monitored					
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, hauling spoils offsite, ongoing activities related to construction of the vehicle bridge, ductwork, ammonia tank, and utility rack and transformer foundations, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>					
Summary of Biological Resources Monitoring Observations					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none">• None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none">• A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none">• None <p>Other Observations/Comments:</p> <ul style="list-style-type: none">• No project personnel/equipment-wildlife interactions occurred.					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none">• No specific items to follow up on. Monitoring of work will continue during Project construction activities.					
Wildlife Species Observed:					
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), vesper sparrow (<i>Pooecetes gramineus</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 portion of the Eastern Parcel at excavator loading dump truck with spoils to be hauled offsite.
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Photo 2



Location	SERC – Eastern Parcel	Description	View east-southeast from eastern portion of the Eastern Parcel at excavator loading dump truck with spoils to be hauled offsite. In foreground, roadway for dump trucks is being stabilized.
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Photo 3

Date & Time: Thu, Apr 25, 2019, 07:44:23 PDT
 Position: 033.806978°N / 117.936097°W
 Altitude: 65ft
 Datum: WGS-84
 Azimuth/Bearing: 103° S77E 1831mils (True)
 Elevation Angle: +29.7°
 Horizon Angle: -03.6°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View south from central portion of the Eastern Parcel at ongoing construction of ductwork and work on Parcel infrastructure.

Photo 4

Date & Time: Thu, Apr 25, 2019, 07:45:12 PDT
 Position: 033.806966°N / 117.936554°W
 Altitude: 67ft
 Datum: WGS-84
 Azimuth/Bearing: 281° N79W 4996mils (True)
 Elevation Angle: +30.6°
 Horizon Angle: -02.1°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at pumper truck pouring concrete into ammonia tank foundation forms. Concrete truck providing material for pumper visible in foreground, obscuring view of pump truck.

Photo 5

Date & Time: Thu, Apr 25, 2019, 09:39:25 PDT
Position: 033.806699°N / 117.986862°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 358° N02W 6364mils (True)
Elevation Angle: +31.2°
Horizon Angle: -02.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View north-northwest from western portion of the Eastern Parcel at ongoing construction of utility rack foundation.
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Photo 6

Date & Time: Thu, Apr 25, 2019, 09:39:58 PDT
Position: 033.806783°N / 117.986545°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 334° N26W 5938mils (True)
Elevation Angle: +27.3°
Horizon Angle: -02.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northwest from western portion of the Eastern Parcel at ongoing addition of rebar for transformer foundation.
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Photo 7

Date & Time: Thu, Apr 25, 2019, 10:15:02 PDT
 Position: 033.806751°N / 117.985419°W
 Altitude: 87ft
 Datum: WGS-84
 Azimuth/Bearing: 333° N27W 5920mils (True)
 Elevation Angle: +23.1°
 Horizon Angle: +00.8°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from central portion of the Eastern Parcel at ongoing ductwork construction along the southern perimeter of the Parcel.

Photo 8

Date & Time: Thu, Apr 25, 2019, 13:17:04 PDT
 Position: 033.806802°N / 117.986610°W
 Altitude: 81ft
 Datum: WGS-84
 Azimuth/Bearing: 319° N41W 5671mils (True)
 Elevation Angle: +30.6°
 Horizon Angle: -02.4°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from western portion of the Eastern Parcel at construction of forms for additional utility rack foundation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 26, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58 - 70	0 – 7 SW	0 inches	Good	Overcast early, clearing mid-morning, sunny
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, receiving of construction materials, work on water de-mineralization system master control foundation, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, hauling spoils offsite, resumption of Parcel excavation, ongoing activities related to construction of the vehicle bridge, ductwork, ammonia tank, and utility rack and transformer foundations, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. Nest was first verified on April 4th and on that date had four eggs being incubated by one of the adults. Eggs should be approaching hatch date if fertile as incubation typically lasts approximately 23 – 29 days (Jackson and Jackson, 2000). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), Bullock's oriole (<i>Icterus bullockii</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Literature Cited

Jackson, B. J. and J. A. Jackson. 2000. Killdeer (*Charadrius vociferus*), version 2.0. In The Birds of North America (A. F. Poole and F. B. Gill, Editors). Cornell Lab of Ornithology, Ithaca, NY, USA. Retrieved from: <https://doi.org/10.2173/bna.517>

Photo 1

Date & Time: Fri, Apr 26, 2019, 07:10:04 PDT
Position: 033.806905°N / 117.985067°W
Altitude: 87ft
Datum: WGS-84
Azimuth/Bearing: 263° S83W 4676mils (True)
Elevation Angle: +33.9°
Horizon Angle: -01.6°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southwest from eastern portion of the Eastern Parcel at excavator loading dump truck with spoils to be hauled offsite.

Photo 2

Date & Time: Fri, Apr 26, 2019, 07:53:14 PDT
Position: 033.806790°N / 117.987373°W
Altitude: 77ft
Datum: WGS-84
Azimuth/Bearing: 055° N55E 0978mils (True)
Elevation Angle: +29.6°
Horizon Angle: -01.6°
Zoom: 1X



Location

SERC – Western Parcel

Description

View east-southeast from eastern portion of the Western Parcel at forklift offloading rebar from delivery truck.

Photo 3

Date & Time: Fri, Apr 26, 2019, 11:16:11 PDT
 Position: 033.806763° N / 117.985936° W
 Altitude: 70ft
 Datum: WGS-84
 Azimuth/Bearing: 353° N07W 6276mils (True)
 Elevation Angle: +28.4°
 Horizon Angle: -02.0°
 Zoom: 4X



Location

SERC – Eastern Parcel

Description

View north from central portion of the Eastern Parcel at killdeer nest with adult in incubating posture. Eggs should be approaching hatch date.

Photo 4

Date & Time: Fri, Apr 26, 2019, 12:19:51 PDT
 Position: 033.806730° N / 117.987230° W
 Altitude: 71ft
 Datum: WGS-84
 Azimuth/Bearing: 316° N44W 5618mils (True)
 Elevation Angle: +26.6°
 Horizon Angle: -03.7°
 Zoom: 11X



Location

SERC – Western Parcel

Description

View southwest from eastern portion of the Western Parcel at contractors working on water de-mineralization system master control foundation.

Photo 5

Date & Time: Fri, Apr 26, 2019, 12:21:54 PDT
Position: 033.806725°N / 117.985556°W
Altitude: 78ft
Datum: WGS-84
Azimuth/Bearing: 068° N68E 1209mils (True)
Elevation Angle: +29.5°
Horizon Angle: -03.9°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View east-southeast from central portion of the Eastern Parcel at trench-boxes in place for ongoing construction of ductwork.
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Photo 6

Date & Time: Fri, Apr 26, 2019, 12:23:05 PDT
Position: 033.806693°N / 117.985327°W
Altitude: 76ft
Datum: WGS-84
Azimuth/Bearing: 052° N52E 0924mils (True)
Elevation Angle: +32.0°
Horizon Angle: -03.0°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View northeast from eastern portion of the Eastern Parcel at excavator, dump trucks, bulldozer, and archeological and paleontological monitors at work following resumption of Parcel excavation.
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Photo 7

Date & Time: Fri, Apr 26, 2019, 12:38:31 PDT
Position: 033.806712°N / 117.985057°W
Altitude: 66ft
Datum: WGS-84
Azimuth/Bearing: 326° N34W 5796mils (True)
Elevation Angle: +29.5°
Horizon Angle: -02.7°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from eastern portion of the Eastern Parcel at forklift carrying trench-box for ongoing ductwork construction along the southern perimeter of the Parcel.

Photo 8

Date & Time: Fri, Apr 26, 2019, 12:42:19 PDT
Position: 033.806610°N / 117.987074°W
Altitude: 75ft
Datum: WGS-84
Azimuth/Bearing: 048° N48E 0853mils (True)
Elevation Angle: +28.7°
Horizon Angle: -03.5°
Zoom: 1X



Location

SERC – Eastern Parcel

Description

View northwest from western portion of the Eastern Parcel at ongoing construction of forms for utility rack foundations.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 29, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
57 - 68	0 – 7 SW	0.125 inches	Good	Cloudy
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, receiving of construction materials, work on water de-mineralization system master control foundation, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, hauling spoils offsite, Parcel excavation, ongoing activities related to construction of the vehicle bridge, ductwork, ammonia tank, and utility rack and transformer foundations, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> A killdeer (<i>Charadrius vociferus</i>) nest is present on SCE property north of the Eastern Parcel. The nesting pair shows no sign of disturbance due to construction activities. Nest was first verified on April 4th and on that date had four eggs being incubated by one of the adults. Eggs should be approaching hatch date if fertile as incubation typically lasts approximately 23 – 29 days (Jackson and Jackson, 2000). <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Cassin's kingbird (<i>Tyrannus vociferans</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>				

Literature Cited

Jackson, B. J. and J. A. Jackson. 2000. Killdeer (*Charadrius vociferus*), version 2.0. In The Birds of North America (A. F. Poole and F. B. Gill, Editors). Cornell Lab of Ornithology, Ithaca, NY, USA. Retrieved from: <https://doi.org/10.2173/bna.517>

Photo 1

Date & Time: Mon, Apr 29, 2019, 08:03:52 PDT
Position: 033.806498°N / 117.985387°W
Altitude: 80ft
Datum: WGS-84
Azimuth/Bearing: 315° N45W 5600mils (True)
Elevation Angle: +27.2°
Horizon Angle: -02.4°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at trench boxes in place for ongoing ductwork construction.
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Photo 2

Date & Time: Mon, Apr 29, 2019, 08:05:29 PDT
Position: 033.807121°N / 117.985514°W
Altitude: 73ft
Datum: WGS-84
Azimuth/Bearing: 302° N53W 5369mils (True)
Elevation Angle: +26.9°
Horizon Angle: -02.7°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at ongoing ductwork construction.
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Photo 3

Date & Time: Mon, Apr 29, 2019, 08:08:01 PDT
 Position: 033.806797°N / 117.986404°W
 Altitude: 78ft
 Datum: WGS-84
 Azimuth/Bearing: 309° N51W 5493mils (True)
 Elevation Angle: +28.8°
 Horizon Angle: -02.1°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View west from western portion of the Eastern Parcel at ongoing addition of rebar for reinforcement of concrete transformer foundation.

Photo 4

Date & Time: Mon, Apr 29, 2019, 12:29:37 PDT
 Position: 033.806830°N / 117.986426°W
 Altitude: 75ft
 Datum: WGS-84
 Azimuth/Bearing: 075° N75E 1333mils (True)
 Elevation Angle: +21.4°
 Horizon Angle: -02.6°
 Zoom: 1X



Location

SERC – Eastern Parcel

Description

View southeast from western portion of the Eastern Parcel at pouring of slurry in area surrounding ammonia sump tank foundation.

Photo 5



Location	SERC – Eastern Parcel	Description	View east from central portion of the Eastern Parcel at ongoing Parcel excavation and removal of spoils.
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Photo 6



Location	SERC – Western Parcel	Description	View west from eastern portion of the Western Parcel at excavation for water de-mineralization master control unit foundation. Wildlife exit ramp from trench is visible at right center of photo.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
April 30, 2019		Ken Levenstein		06:30 - 15:00
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
59 - 66	0 – 6 SW	0	Good	Cloudy, very light rain shower in morning
Location(s) of Work Site Activities Monitored				
<p>SERC – Bio-monitoring during Project construction.</p> <p>Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, receiving of construction materials, work on vehicle bridge and water de-mineralization system master control foundation, reporting (see Photos in Photo Log).</p> <p>Eastern Parcel – Bio-monitored. Monitored the off-site active nest for signs of disturbance and checked that buffer flagging and signage were in place. Checked for potential bird/wildlife/Project interactions, compliance with COCs, SWPPP, hauling spoils offsite, Parcel excavation, ongoing activities related to construction of the vehicle bridge, ductwork, ammonia tank, and utility rack and transformer foundations, reporting (see Photos in Photo Log).</p> <p>Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> killdeer (<i>Charadrius vociferus</i>) eggs hatched and four young being attended by adults. The nesting pair shows no sign of disturbance due to construction activities. Nest was first verified on April 4th and on that date had four eggs being incubated by one of the adults. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No project personnel/equipment-wildlife interactions occurred. 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No specific items to follow up on. Monitoring of work will continue during Project construction activities. 				
Wildlife Species Observed:				
<p>Birds: killdeer, red-tailed hawk (<i>Buteo jamaicensis</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), black phoebe (<i>Sayornis nigricans</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), common raven (<i>Corvus corax</i>), cliff swallow (<i>Petrochelidon pyrrhonota</i>), barn swallow (<i>Hirundo rustica</i>), northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), Bullock's oriole (<i>Icterus bullockii</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>).</p>				

Photo 1



Location

SERC – SCE Parcel north of Eastern Parcel

Description

View north from central portion of the Eastern Parcel at killdeer adult and three of four young visible within red oval. Young are precocial (i.e., downy and active), capable of leaving nest soon after down dries.

Photo 2



Location

SERC – SCE Parcel north of Eastern Parcel

Description

Same photo as previous. Wider view north from central portion of the Eastern Parcel at killdeer adult and three of four young visible at left and second adult visible at right.

Photo 3

Date & Time: Tue, Apr 30, 2019, 06:49:57 PDT
 Position: 033.806961°N / 117.935810°W
 Altitude: 84ft
 Datum: WGS-84
 Azimuth/Bearing: 001° N01E 0018mils (True)
 Elevation Angle: +29.6°
 Horizon Angle: -02.4°
 Zoom: 1X

**Location**

SERC – SCE Parcel north of
 Eastern Parcel

Description

Same photo as two previous photos. Wider view north from central portion of the Eastern Parcel at area on SCE Parcel where killdeer adults and young were seen by biologist after eggs hatched.

Photo 4

Date & Time: Tue, Apr 30, 2019, 09:18:41 PDT
 Position: 033.806787°N / 117.934747°W
 Altitude: 81ft
 Datum: WGS-84
 Azimuth/Bearing: 326° N34W 5798mils (True)
 Elevation Angle: +25.8°
 Horizon Angle: -01.8°
 Zoom: 1X

**Location**

SERC – Eastern Parcel

Description

View northwest from eastern portion of the Eastern Parcel at ongoing and almost completed Parcel excavation.

Photo 5

Date & Time: Tue, Apr 30, 2019, 10:15:03 PDT
Position: 033.806878°N / 117.985613°W
Altitude: 95ft
Datum: WGS-84
Azimuth/Bearing: 076° N76E 1351mils (True)
Elevation Angle: +24.6°
Horizon Angle: -01.7°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southeast from central portion of the Eastern Parcel at ongoing ductwork construction.
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Photo 6

Date & Time: Tue, Apr 30, 2019, 10:15:50 PDT
Position: 033.806875°N / 117.985981°W
Altitude: 60ft
Datum: WGS-84
Azimuth/Bearing: 306° N54W 5440mils (True)
Elevation Angle: +27.3°
Horizon Angle: -01.8°
Zoom: 1X



Location	SERC – Eastern Parcel	Description	View southwest from central portion of the Eastern Parcel at ongoing ductwork construction.
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Appendix C

Wildlife Species List

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

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Bullock's oriole	<i>(Icterus bullockii)</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</i>	--/--/--
Cliff swallow	<i>(Petrochelidon pyrrhonota)</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
Eurasian collared dove	<i>Streptopelia decaocto</i>	--/--/NP
European starling	<i>Sturnus vulgaris</i>	--/--/NP
Great blue heron	<i>Ardea herodias</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/NP
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Scaly-breasted munia	<i>Lonchura punctulata</i>	--/--/NP
Vesper sparrow	<i>Poocetes gramineus</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
Western meadowlark	<i>Sturnella neglecta</i>	--/--/--

Status Codes:

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

Federal:

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

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

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

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

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

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

NP = Not Protected (Introduced Species)

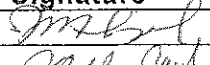
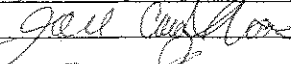


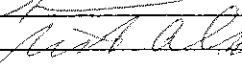
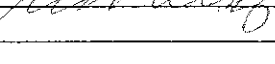
Appendix D

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.	JESUS MADRIGAL	ALCORN FENCE		4/2/19
2.	JOSE IBARRA	ALCORN FENCE		4/2/19
3.	HARVEY	ORTEZ		4-2-19
4.	Hector Brisco	ALCORN		4/3/19
5.	ANTHONY SAUDOUAN	NEWTOWN		4-3-19
6.	Ricardo Alvarez	NEWTOWN		4-3-19
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Trainer: TIM DRAPER Signature:  Date: 4/2/19

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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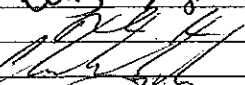
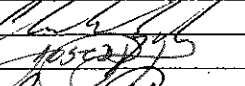
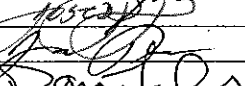

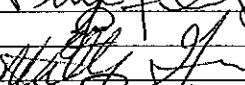
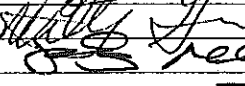
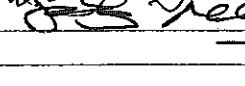
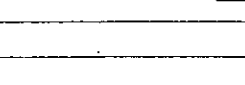
No.	Employee Name	Company	Signature	Date
1.	BOB DAVIS	ARB	Robert Davis	4/8/19
2.	Nick Seckington	ARB	Nick Seckington	4-8-19
3.	RIGGO JIMENEZ	ARB	Riggo Jimenez	04/05/19
4.	Matt Northrop	Newton	Matt Northrop	4/8/19
5.	William Thompson	Newton	William Thompson	4/8/19
6.	JACK MARTIN	ARB	Jack Martin	4-8-19
7.	Jaime Maldonado	ORTIZ	Jaime Maldonado	4-8-19
8.	CARMEN GRATIAS	WELLS	Carmen Gratias	4-8-19
9.	Jon Kim Bie	WELLS	Jon Kim Bie	11-8-14
10.	CADEN WENNER	NEUTRON	Caden Wenner	4/9/19
11.	Michael Todd	NEUTRON	Michael Todd	4/9/19
12.	KAM BISCARD	NEUTRON	Kam Biscard	04/09/19
13.	DAVID MOORE	NEUTON	David Moore	4/10/19
14.	Raul Villarruel	CMC	Raul Villarruel	4-10/19
15.	Ezra Meza	CMC	Ezra Meza	4/10/19
16.	Lector Davalos	CMC	Lector Davalos	4/10/19
17.	Brett Braden	SAVALA	Brett Braden	4/10/19
18.	TONTE PRINCEWILL	Allied Nations	Tonte Princewill	4/10/19
19.	VICTOR URIBE OR	ORTIZ	Victor Uribe	4/11/19
20.	Alfredo Garcia	ORTIZ	Alfredo Garcia	4/11/19
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Trainer: T. DRAPER Signature: [Signature] Date: 4/8/19

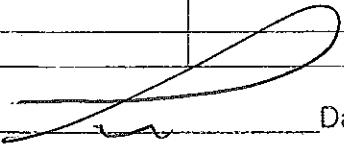
Certification of Completion of Worker Environmental Awareness Education Program

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

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.	Francisco Sandoval			
2.	EDUARDO NEGRETE		E. NEGRETE	4-15-19
3.	Luis AGREDANO	ORTIZ-LALONDE	Luis Ag	4-15-19
4.	THOMAS ALIN	ARB		4-15-19
5.	Charles Sparks	ARB		4-15-19
6.	JOSE Pagan	ARB		4-16-19
7.	Jess Perce	ARB		4-17-19
8.	Dan Furlong	ARB		4-17-19
9.	Enrique Flores	BMD		4-17-19
10.	WILLIS (Cafeteria)	MAXIM		4-18-19
11.	Johnny Melendez	maxim		4-18-19
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Trainer: TIM DRAPER

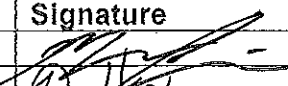
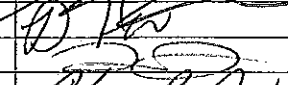
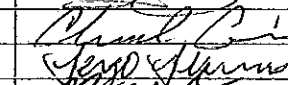
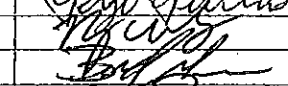
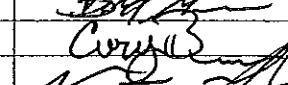
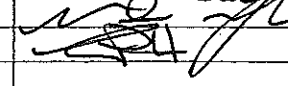
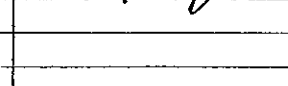
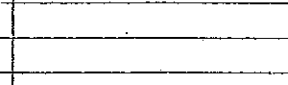
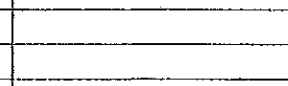
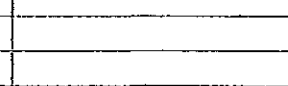
Signature: 

Date: 4/15/19

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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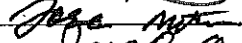
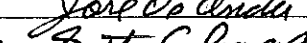
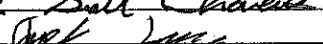



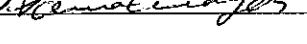

No.	Employee Name	Company	Signature	Date
1.	Marquell Limbrick	ARB		4-22
2.	Dennis Hatterley	ARB		4-22-19
3.	JAMES TIFFIE	ARB		4-22-19
4.	Charlie Giovanni	MAXIM		4-23-19
5.	SERGIO GYERREDO	MAXIM		4-23-19
6.	Ramy Larson	MAXIM		4/23/19
7.	Blud Graves	RMMA		4/23/19
8.	Corey Braker	NVS		4-23-19
9.	Vic Geruber	NVS		4-25-19
10.	ED PUCETTI	NVS		4-25-19
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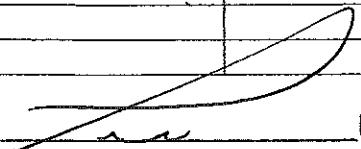
Trainer: T. DIZAPER Signature:  Date: 4/22/19

Certification of Completion of Worker Environmental Awareness Education Program

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

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

No.	Employee Name	Company	Signature	Date
1.	ADELIA BALCARRAZ	ARB		04-29-19
2.	SHAWN ORR	ARB		4-29-19
3.	JOSE MARTINEZ	ARB		4-29-19
4.	JOSE DE ANDA	ARB		4-29-19
5.	SCOTT CHAVERS	LABONDE/ORTIZ		4-29-19
6.	ANGEL ZUNIGA	ARB		5-10-19
7.	ALEXANDRO OLIVERA	ARB		5-1-19
8.	FERNANDO DE ANDA	ARB		5-1-19
9.	JESUS DE ANDA	ARB		5-1-19
10.	THOMAS CENDEJAS	NEUTRON		5-1-19
11.				
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Trainer: TIM DRAPER Signature:  Date: 4/29/19

Attachment 5 – CIVIL

Attachment 5 has been deliberately left blank in this reporting period

Attachment 6 – Cultural Resources

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
April 2019

To: Tim Bofman, SERC, LLC

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

Date: May 2, 2019

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

1. Introduction

This April 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from April 1 through April 30, 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 Condition of Certification CUL-6.

2. Personnel Active in Cultural Monitoring This Period

Gena Granger 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
4/1/19	1	1
4/2/19	1	1
4/3/19	1	1
4/4/19	1	1
4/5/19	1	1

Table 1. Number of CRMs and NAMs Present, by Date		
Date	CRMs	NAMs
4/8/19	1	1
4/9/19	1	1
4/10/19	1	1
4/11/19	1	1
4/12/19	1	1
4/15/19	1	1
4/16/19	1	1
4/17/19	1	1
4/18/19	1	1
4/19/19	1	1
4/22/19	1	1
4/23/19	1	1
4/24/19	1	1
4/25/19	1	1
4/26/19	1	1
4/29/19	1	1
4/30/19	1	1
Total CRM/NAM-Days	22	22

4. Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Wednesday April 1, 2019. Activities monitored included the mass grading of Parcels 1 and 2, and excavations for the installation of temporary power, bridge abutments on Parcels 1 and 2, duct banks, 15 kV tray, waterline repair and ground rod installation. The grading and excavations occurred to depths of 5 to 10 feet. Observed fill soils included medium brown silty sand with various unsorted gravels to depth in some locations. Potentially intact native soils were observed in the deeper parts of the abutment excavation on Parcel 1 beginning at approximately 5 feet, and approximately 3 feet in the abutment of Parcel 2. Potential native soils were described as light brown sandy loam with some oxidized streaking. There were no cultural resources finds this month. There were no cultural resource issues 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"> Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and 	In compliance <ul style="list-style-type: none"> Owner has appointed CRS and Alternate CRS. CRS is directing monitoring and

SERC Monthly Compliance Report for Cultural Resources – April 2019

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
	<ul style="list-style-type: none"> make recommendations regarding eligibility of finds for California Register of Historical Resources CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) CRS may obtain services of additional technical specialists as needed. 	<ul style="list-style-type: none"> has made recommendations on eligibility of two finds this month. CRS has obtained services of CRMs and NAMs No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	<ul style="list-style-type: none"> Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. Owner must provide CRS with a weekly construction schedule Owner must notify CRS of any changes to construction phases. 	In compliance <ul style="list-style-type: none"> Owner has provided CRS with project information and maps Owner provides three-week lookahead schedule weekly There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul style="list-style-type: none"> The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains. 	In compliance <ul style="list-style-type: none"> The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul style="list-style-type: none"> The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non-compliance. All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training 	In compliance <ul style="list-style-type: none"> All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	<ul style="list-style-type: none"> The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils. The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments. CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS. The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs. The CRS must report incidents of non-compliance with LORS 	In compliance <ul style="list-style-type: none"> The CRS or CRM has monitored ground disturbance. A NAM monitored ground disturbance The CRS has submitted the daily field reports The CRS has prepared this Monthly Compliance Report There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources	<ul style="list-style-type: none"> The CRS has authority to halt construction in the event of a cultural resource find 	In compliance <ul style="list-style-type: none"> There were no cultural resources finds

Table 2. Fulfillment Requirements of Each Cultural Resources Mitigation Measure		
Measure	Requirements	State of Compliance
Discovery Protocol	<ul style="list-style-type: none"> • The CRS or CRM must record the find on Form DPR-523 and notify the CPM • If human remains are found, the CRS must notify the Native American Heritage Commission. • If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification. 	<p>this month.</p> <ul style="list-style-type: none"> • There were no finds this month • No human remains have been found • No finds of interest to Native Americans have been made
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	A new location for soil disposal was identified. A cultural resources survey of this area was conducted on 4-23-2019 by the Alternative CRS and reported to the CEC.

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 April 1 through April 30, 2019, a total of 57 persons completed the SERC WEAP training. The hardcopy sign-in training logs for the April 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 and grounding grid excavations 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

On 4/23/19 the CRS surveyed an additional soil disposal area located at 15000 Kensington Park Drive in Tustin California (APN 430-451-12). The area consisted of a 420-foot by 250-foot (2.4-acre) empty lot that is bounded by paved parking lots on the southwest northeast and northwest and by Tustin Ranch Road on the southeast. Ground visibility was approximately 85 percent. No cultural resources were observed during the survey. A full report of the survey is attached as Appendix A.

Appendix A

Cultural Resources Survey of Alternate Soil Disposal Site



Date: April 27, 2019

Subject: Stanton Energy Reliability Center (16-AFC-01)
CUL -8 Cultural Resources Pedestrian Survey at Kensington Park Site

From: Phillip Reid, Jacobs, SERC Cultural Resources Specialist

To: Doug Davy, Jacobs

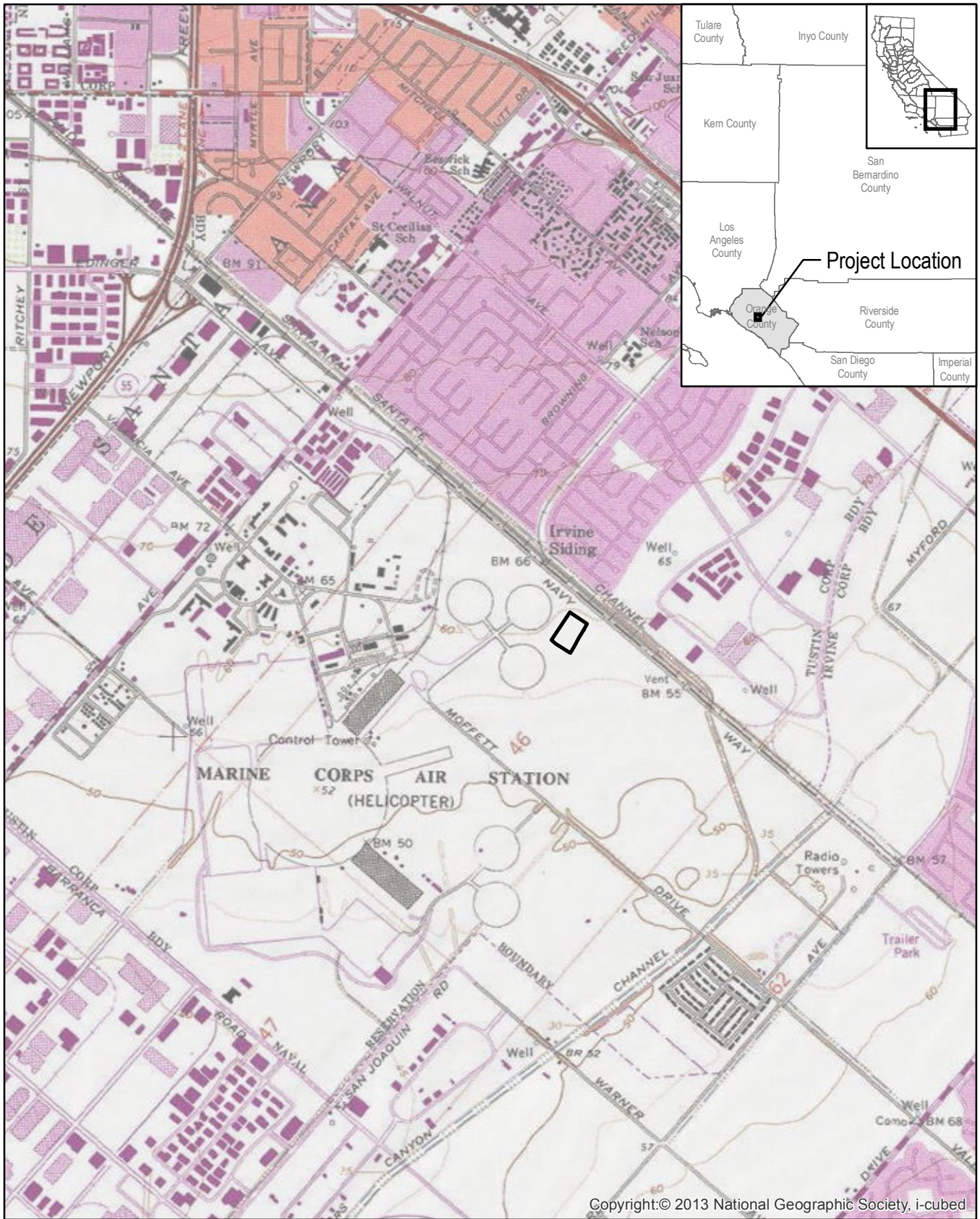
This memorandum report summarizes the Cultural Resources pedestrian survey at the Kensington Park over-excavation soil disposal Site undertaken by Secretary of the Interior- (SOI-) qualified archaeologist Phillip Reid on April 23, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-01). The survey was undertaken in compliance with SERC Condition of Certification CUL-8. SERC project owner Stanton Energy Reliability Center, LLC (SERC, LLC) proposes to dispose of over-excavation soils at Kensington Park site located at 15000 Kensington Park Drive in Tustin California (APN 430-451-12) (Figure 1). The disposal site area consists of a 420-foot by 250-foot (2.4-acre) vacant lot that is bounded by paved parking lots on the southwest northeast and northwest and by Tustin Ranch Road on the southeast.

Field Methods:

Prior to performing the pedestrian survey, historic maps and aerials of the project site were reviewed. The project site was surveyed by walking closely spaced transects (approximately 10 meters apart) in the across the project site. All exposed dirt areas were inspected closely for archaeological features and artifacts, and representative photographs documenting the current condition of the project site were taken.

Results:

The project site is heavily disturbed and located within a new mixed use (residential-retail) development area. The site is currently an active construction area surrounded on three sides by recently constructed parking lots and retail spaces and bounded on one side by the Tustin Ranch Road embankment (photo 2). A review of aerial photographs shows that the site, until 2016, was a fallow field that was once part of the Marine Air Corps Station Tustin. The site is fully graded (photo 3). In the northeast portion of the site, a large excavation, possibly for building footings, was begun but has been abandoned (photo 1). The site is fenced off and graded. Ground surface visibility was approximately 85 percent. Observed soils were highly disturbed gray sandy loam. Modern trash and construction debris is visible throughout the site. The site was surveyed in its entirety. There are a few locations around the periphery of the site that were obscured by ruderal weeds and grasses (see photo 4). **No cultural resources were observed during the survey.**



LEGEND
 Area Surveyed
 USGS Quadrangle: Tustin

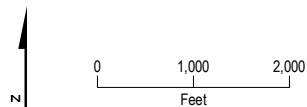


Figure 1
Kensington Park Disposal Site
 Tustin, California



Photo 1: Looking northeast portion of site (showing active construction)



Photo 2: Looking northeast across fill dumping area



Photo 3: Looking east across northeastern portion of property



Photo 4: view of ground cover and modern trash facing southwest

Attachment 7 - Paleontology

Monthly Report of Paleontological Resources Monitoring Stanton Energy Reliability Center Condition of Certification PAL-6

Prepared For: Doug Davy, Program Manager
Karen Parker, Senior Project Manager

Prepared By: Niranjala Kottachchi, PRS

Reporting for Period: April, 2019

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

Personnel Active in Paleontological Monitoring This Period

Jeanette Maldonado was the primary Paleontological Resources Monitor (PRM) for this month. Blake Bufford (PRM) assisted during the absence of the primary monitor.

Monitoring of construction activities at the Project site has been consistent throughout the month of April. Excavations continued in Parcel 1 in addition to activities in Parcel 2. Table 1 below depicts the activities which took place within each parcel, week by week. Daily monitoring logs are found in Attachment A.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

Over-excavations will continue in Parcel 1.

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. Grading for north road to 4 feet below ground surface (bgs) 2. Over-ex east of the ammonia pit down 6.5 feet bgs	1. Dark brown sandy loam 2. Upper 3-4 feet thick, disturbed, dark brown sandy loam followed by 2.5 feet of poorly indurated, sub-rounded, light gray to buff sand with orange/beige laminae staining. A dark gray silt was observed at the bottom of the grade	No paleontological resources were observed

Week	Location	Activity	Stratigraphy	Paleontological Resources
2	Parcel 1	<ol style="list-style-type: none"> 1. Over-ex in middle of parcel to a depth of 10 feet bgs. An additional foot was excavated to meet compaction. Excavations also took place for the 480V auxiliary transformer and grading for the 50kV conduit on the south end at the bottom of the cut 2. Augering to a depth of 4 feet for a temporary pole on the SE corner 3. Grading at 10 feet bgs for a ramp by the ammonia pit along with scraping side wall at about 12-foot depth 4. Excavations along south wall heading east from the ammonia pit for a conduit to a depth of 10 feet bgs 	<ol style="list-style-type: none"> 1. Upper 4 feet was disturbed, dark brown sandy loam followed by poorly-indurated, light gray to buff sand with orange/beige laminae. At 8 feet bgs, a dark gray silt was present at the bottom of the grade. 2. Same stratigraphy as above 3. Same stratigraphy as above 4. Same stratigraphy as above 	No paleontological resources were observed
2	Parcel 2	<ol style="list-style-type: none"> 1. Grading and cutting into side wall with shovel for footing 	<ol style="list-style-type: none"> 1. Same stratigraphy as observed in Parcel 1 	No paleontological resources were observed
3	Parcel 1	<ol style="list-style-type: none"> 1. Excavation to lower the cut down to fill on south end near SE corner; approximately 8 feet bgs followed by grading to add base for compaction 2. Shallow excavation on east end to a depth of 2 feet for a temp electrical line running from the south to north end 	<ol style="list-style-type: none"> 1. Same stratigraphy as observed in Parcel 1 last week 2. Disturbed sediment 	No paleontological resources were observed
3	Parcel 2	<ol style="list-style-type: none"> 1. Excavation of a 20 x 1 x 3-foot-deep trench along the south side perimeter fence 	<ol style="list-style-type: none"> 1. Fill material consisting of concrete and wood possible from adjacent railroad 	No paleontological resources were observed
4	Parcel 1	<ol style="list-style-type: none"> 1. Excavations on west end by bridge footing to a depth of 3 feet bgs. Grading continued on east end at 8 feet bgs 2. Excavation of a 1-foot deep trench (starting at 7-8 feet bgs) for conduit installation along the south end of parcel running east. 3. Jackhammer was used to dig holes all along the perimeter of the parcel to a depth of 1-2 feet bgs for grounding rod installations 4. Mass excavation on east end to a depth of 6-8 feet bgs 	<ol style="list-style-type: none"> 1. Same stratigraphy as weeks 1 and 2 2. Same stratigraphy as weeks 1 and 2 3. Disturbed sediment was observed 4. Same stratigraphy as weeks 1 and 2 	No paleontological resources were observed
5	Parcel 1	<ol style="list-style-type: none"> 1. Mass excavation on east end continued to a depth of 10 feet bgs 	<ol style="list-style-type: none"> 1. Same stratigraphy as week 4 	No paleontological resources were discovered

Attachment A
Daily Monitoring Logs

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/1/2019 10:40:02 AM

Project Location: Parcel 1 & 2

Weather:

82 sunny

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB and Ortiz

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):

None of excavations occurred today. Crews mainly back filled the West end portion of 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:

Onsite on stand-by for any potential digging the crews said would occur.

Plan for tomorrow:

Export of stockpile is planned for tomorrow, which means over-ex is possible for tomorrow in Parcel 1.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/2/2019 7:31:36 AM

Project Location: Parcel 1

Weather:

Partly cloudy 70

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 North road

Scope of Construction Work Monitored/Equipment Used:

Skip loader and front loader

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

Grading for north road in parcel 1 down ~4' bgs.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

Stockpile was also mostly hauled off today.

Plan for tomorrow:

More of the stockpile will be hauled off. The north road will continue to be graded down. Over-ex of entire site is also probable.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/3/2019 7:36:31 AM

Project Location: Parcel 1

Weather:

Partly cloudy 70 moderate winds

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 north road and over-ex

Scope of Construction Work Monitored/Equipment Used:

Skip loader and front loader; excavator

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

Ortiz crew used an excavator to continue over-ex of the site going east of the ammonia pit. Down to EL~63.5. They also excavated the north road down to about EL65

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 6.5'bgs a dark grey silt was exposed at the bottom of the grade.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations are to continue

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/3/2019 7:46:15 AM



North road excavation down road to grade ~EL 62'

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/4/2019 9:06:06 AM

Project Location: Parcel 1

Weather:

Partly cloudy 70; PM moderate winds

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1530

Construction Company: Ortiz and 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 east of ammonia pit

Scope of Construction Work Monitored/Equipment Used:

LaLonde excavator, Deere skip loader, CAT front loader

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

Ortiz crew used an excavator to continue over-ex of the site going east of the ammonia pit. Down to EL~63.5.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silt was exposed at the bottom of the grade.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

Gena and I had planned a staggered lunch to accommodate activities working through lunch time (ie excavations and hauling off of sediment). I found out from the Ortiz crew and operators that they were taking a break for lunch after all. Once us monitors were on break, Greg Lamberg informed us shortly after 11:30 that activities were indeed taking place during the lunch break. He accompanied us and told crew and foreman that the activity could not occur without the presence of a monitor: three haul trucks went off site with soil from the cut that was excavated without a

Plan for tomorrow:

Excavations are to continue tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/4/2019 9:06:11 AM



Excavator taking another foot off the grade to meet compaction.

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/5/2019 9:11:11 AM

Project Location: Parcel 1

Weather:

Partly cloudy 70

Monitor(s): jmalonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 over-ex located in the middle of the parcel

Scope of Construction Work Monitored/Equipment Used:

LaLonde excavator and haul trucks; skip loader

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

Ortiz crew used an excavator to continue over-ex of the site going east of the ammonia pit to a depth ~8-9'bgs. A skip loader was used to grade along the bottom of the cut.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silt was exposed at the bottom of the grade.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

At the morning meeting, we informed Ortiz enterprises that we will no longer take staggered lunches and that a proper 30 minute lunch will be taken by all monitors. I contacted the PRS shortly after 12pm about who to contact onsite about receiving our state mandated breaks.

Plan for tomorrow:

Excavations will resume on Monday.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/5/2019 9:11:43 AM



Over-ex and hauling of parcel 1

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 4/8/2019 9:41:23 AM

Project Location: Parcel 1

Weather:

Hot and sunny 88

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz enterprises

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 over-ex located in the middle of the parcel; max depth ~10'bgs

Scope of Construction Work Monitored/Equipment Used:

LaLonde excavator; skip loader and front loader; haul trucks

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

Ortiz crew used an excavator to continue over-ex of the site going east from the middle of the site. A skip loader and front loader were used to grade along the bottom of the cut. ARB also churned the sediment for a 50kv conduit located at the south end at the bottom of the cut.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silt was partially exposed at the bottom of the grade.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

N/A

Plan for tomorrow:

No haul trucks tomorrow, importing base. Excavations to continue at the bottom of the cut.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/8/2019 10:44:35 AM

4/8/2019 1:36:51 PM

4/8/2019 2:30:13 PM



Excavator used during overex of parcel 1



ARB churning up sediment for conduit trench in order for it to dry out.



Ortiz taking the entire grade down another foot into the sandy clay unit

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 4/9/2019 9:04 AM

Project Location: Parcel 1

Weather:

Sunny 80 high winds

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz enterprises and 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 over-ex located in the middle of the parcel; max depth ~10'bgs

Scope of Construction Work Monitored/Equipment Used:

LaLonde excavator; skip loader and front loader; haul trucks

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

Ortiz crew used an excavator to excavate another foot off the floor to meet compaction, going east from the middle of the site. The excavator was also used to excavate for the 480V auxiliary transformer. ARB also graded for the 50kv conduit located at the south end at the bottom of the cut.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations will continue tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/9/2019 9:09:54 AM

4/9/2019 9:49:49 AM



Excavator stockpiling sediment from cut, ~8bgs



Excavation for 480V Auxiliary transformer depth ~EL61'

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 4/10/2019 7:18:15 AM

Project Location: Parcel 1

Weather:

Sunny with high winds 75

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz enterprises, National

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 and Parcel 2

Scope of Construction Work Monitored/Equipment Used:

Front loader; auger; backhoe

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

Ortiz used a loader to grade down a ramp leading into the site in Parcel 1, about 2-6' bgs. National used a 1' auger to drill down 4' for a temporary pole at the SE corner of Parcel 1. ARB had other minor excavations throughout Parcel 1 & 2 which included grading and cutting into side wall with shovel for footing.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

Weekly safety meeting covered slips, trips, and falls.

Plan for tomorrow:

Excavations will continue tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/10/2019 7:18:41 AM

4/10/2019 8:34:52 AM

4/10/2019 12:48:59 PM



Loader cutting down ramp down into the site in Parcel 1



Auger used to drill 4' depth for temp pole installation



ARB excavating a mound in parcel 2 down to grade

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Reliability Center

Date: 4/11/2019 7:40:18 AM

Project Location: Parcel 2 and 1

Weather:
Overcast 79

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB and Ortiz enterprises

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; Parcel 1 at the ammonia pit

Scope of Construction Work Monitored/Equipment Used:

Case backhoe; skip loader

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

ARB used a backhoe to grade down a mound of sediment in Parcel 2 to compact. Ortiz used a skip loader to grade at about 10' depth for a ramp down by the ammonia pit, and scraped the side wall at about 12' depth.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

N/A

Plan for tomorrow:

Excavations will continue tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/11/2019 7:40:24 AM



Continuation of grading down mound located at the east end of parcel 2

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/12/2019 7:30:27 AM

Project Location: Parcel 1

Weather:

Sunny with moderate winds 75

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1600

Construction Company: ARB and Ortiz

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 total depth of excavations were ~10'bgs

Scope of Construction Work Monitored/Equipment Used:

Backhoe; dozer and skip loader

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

ARB used a backhoe to excavate along the south wall of the parcel going east from the ammonia pit for a conduit.
Ortiz used a dozer and skip loader to create 2 ramps which lead down into the cut.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

N/A

Plan for tomorrow:

Excavations are planned to continue on Monday.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/12/2019 10:52:13 AM



Backhoe excavating down to EL63 for conduit installation

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/15/2019 8:57:25 AM

Project Location: Parcel 1

Weather:

Partly cloudy 69

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 South end near SE corner; max depth ~9-10'

Scope of Construction Work Monitored/Equipment Used:

Excavator

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

Excavator lowering the cut further down to fill with base and compact for haul trucks to eventually drive through.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

N/A

Plan for tomorrow:

Excavations are planned to continue tomorrow

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/15/2019 10:33:12 AM



Excavator lowering the cut further down to EL~63, close to the south east corner of parcel 1

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/16/2019 1:40:31 PM

Project Location: Parcel 1

Weather:

Cloudy 68

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 grading ~6inches at around 8-10'bgs

Scope of Construction Work Monitored/Equipment Used:

Skip loader

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

A skip loader was used to grade sediment prior to adding base for compaction, just north of the ammonia pit

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations were in the poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

N/A

Plan for tomorrow:

Waiting for a dump site to be approved for hauling over-ex materials. Over-ex TBD. Other earth moving activities may occur tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/17/2019 1:15:46 PM

Project Location: Parcel 1

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:

Parcel 1 east end by entrance max depth ~2' bgs

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

Shallow excavation for a temp electrical line that runs from the south end to the north end

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

All excavations were within the top 3' of disturbed sediment.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

Safety meeting this morning covered the topic of spotters and blind spots.

Plan for tomorrow:

Excavations are planned for tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/18/2019 8:22:45 AM

Project Location: Stanton

Weather:

Clear, warm

Monitor(s): bbufford

Work Start Time: 6:30 am

Work End Time: 3:00 pm

Construction Company: ARB, Ortiz

Contact(s): Tim Boffman

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 and 2

Scope of Construction Work Monitored/Equipment Used:

Skip loader and backhoe.

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

Ortiz Construction spread out and consolidated sediment in parcel 1 with the skip loader and compacted it. In parcel 2 ARB excavated a 20' long by 1' wide by 3' deep trench along the south side perimeter fence. Spoils were stockpiled.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Sediment was light brown sand and silt in parcel 1. Sediment in parcel 2 was dark brown loamy silt fill material containing numerous pieces of concrete and rotten wood possibly from the adjacent railroad.

Lithologic Description(s):

Observations of Paleontological Resources:

No fossils were observed.

Additional Comments:

Construction was not delayed.

Plan for tomorrow:

Continue work.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/18/2019 9:30:04 AM

4/18/2019 1:22:16 PM



Dirt removal east of the Ammonia Pit.



Excavation in phase 2 southern perimeter.

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/19/2019 10:05:36 AM

Project Location: Parcel 2

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:

Parcel 2 max depth ~4ft bgs

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

ARB crew used a backhoe to excavate a trench at the southeast corner of Parcel 2 that ran along the fence line ~50'Lx3'W

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 2 excavations were within the top 3' of disturbed sediment, a silty loam containing pieces of concrete.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

N/A

Plan for tomorrow:

Excavations will resume on Monday.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/22/2019 10:56:07 AM

Project Location: Parcel 1

Weather:

Partly cloudy 73

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: ARB and Ortiz

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 west end by bridge footing ~3'bgs; Parcel 1 east end grading ~8'bgs

Scope of Construction Work Monitored/Equipment Used:

Backhoe; dozer

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

ARB used a backhoe to clear away sediment by the bridge footing. Ortiz used a dozer to grade down a path for trucks at the east end.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

N/A

Plan for tomorrow:

Excavations may continue tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/22/2019 12:26:33 PM



Ortiz dozer creating a road at ~8'bgs

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/23/2019 2:07:35 PM

Project Location: Parcel 1

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:

Parcel 1 max depth ~9' bgs

Scope of Construction Work Monitored/Equipment Used:

Backhoe

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

ARB used a backhoe to excavate a trench for conduit installation along the south end of the parcel running east. Excavations started at ~7-8'bgs and went down about a foot in depth.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand. At the bottom of excavations a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

N/A

Plan for tomorrow:

Excavations are planned for tomorrow.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/23/2019 2:14:10 PM

ARB digging trench for conduit along the south end of parcel 1

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/24/2019 2:00:15 PM

Project Location: Parcel 1

Weather:

Sunny 78

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Newtron electric

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 around the perimeter max depth ~1-2' bgs

Scope of Construction Work Monitored/Equipment Used:

Shovels and jackhammer

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

Newtron electric dug holes all along the perimeter of parcel 1 for grounding rod installations.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Excavations were within the top 3' of disturbed sediment.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

N/A

Plan for tomorrow:

Mass excavations are planned to resume tomorrow.

Attachments (Y/N): ☐ Yes ☒ No

Photograph Record:

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/25/2019 7:24:52 AM

Project Location: Parcel 1

Weather:
Sunny 80

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz enterprises

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 mass excavation

Scope of Construction Work Monitored/Equipment Used:

Excavator and haul trucks

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

Ortiz used an excavator to resume mass excavation of parcel 1 at the east end of the site. Max depth ~6-8' bgs

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations had to stop for today at 12:30pm due to the hydraulic hose of the excavator breaking. If fixed by tomorrow then excavations will resume.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/25/2019 9:30:10 AM



Mass excavation of east end of parcel 1

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/26/2019 12:59:57 PM

Project Location: Parcel 1

Weather:

Sunny 74

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1530

Construction Company: Ortiz

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 east end max depth ~8-9' bgs

Scope of Construction Work Monitored/Equipment Used:

Excavator, dozer, and skip loader

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

Ortiz used an excavator to mass excavate at the east end of the parcel.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today.

Additional Comments:

None

Plan for tomorrow:

Excavations will resume on Monday.

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/26/2019 1:00:23 PM



Excavator and dozer used for mass excavation

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/29/2019 12:27:48 PM

Project Location: Parcel 1

Weather:

Cloudy; AM showers

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 east end max depth ~10'

Scope of Construction Work Monitored/Equipment Used:

Excavator, dozer and skip loader

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

Ortiz crew used equipment to mass excavate at the east end of parcel 1.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

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:

4/29/2019 12:27:54 PM



Excavator and dozer used for mass excavation

Daily Monitoring Report - Paleontology

Project Name: Stanton Energy Paleontology

Date: 4/30/2019 12:07:36 PM

Project Location: Parcel 1

Weather:

Cloudy; AM showers

Monitor(s): jmaldonado

Work Start Time: 0630

Work End Time: 1500

Construction Company: Ortiz

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 east end max depth ~10'

Scope of Construction Work Monitored/Equipment Used:

Excavator, dozer, and skip loader

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

Ortiz crew used equipment to mass excavate at the east end of parcel 1.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Parcel 1 excavations showed a top layer of disturbed dark brown sandy loam roughly 3-4' thick, followed by a poorly-indurated, fine/moderately-sorted, sub-rounded, light gray to buff fine-med sand (quartz-rich) with orange/beige laminae staining exposed at ~4ft bgs. At just about 8'bgs a dark grey silty clay was exposed.

Lithologic Description(s):

Observations of Paleontological Resources:

No paleontological resources were discovered today

Additional Comments:

None

Plan for tomorrow:

Excavations will continue tomorrow

Attachments (Y/N): ☒ Yes ☐ No

Photograph Record:

4/30/2019 2:16:41 PM



East end of excavations

Attachment 8 – ELEC-1

MEMORANDUM – DCBO APPROVAL

DATE: April 5, 2019

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

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

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-6.0_AG RCWY, LIGHTNING PROT, & SITE HAZ CLASS
PLANS_190322_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 N.
Vallow, PE

Reason:
Reviewed For
Code Compliance
Date: 2019.04.05
11:25:26 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: April 16, 2019

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

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

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-10.0_66kV GRDNG PLAN, DTLS, RCWY, & CABLE
SCHED_190329_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 N. Vallow, PE
Reason: Reviewed
For Code
Compliance
Date: 2019.04.16
16:55:13 -07'00'

Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment

5/3/2019

View US Wire Payment

Welcome, Ryan • Last Login: 05/03/2019 13:54 (Pacific Daylight Time)

[Inbox](#) | [Log Off](#)



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

Timeout: 0:14:47

View US Wire

Use this page to view a US Wire

[Help](#)

[View Payment History](#)

Payment Information

Status	Confirmed
Confirmation Number	IMAD:0503L4B74B1C000460
Payment Number	48942175
Debit Account	SERC OP - *****6538
Debit Amount	141,174.86 USD
Value Date	05/03/2019
Send Date	05/03/2019
Frequency	One-Time Only
Reference for Recipient	SERC
Details of Payment	Invoice# 119976 Project# 550818-0000020.00
Ordering Customer	

Recipient Information

Recipient	NVS Inc. Account Number [REDACTED] 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY ABA (Wire) 026009593 NEW YORK NY UNITED STATES

Options

[Intermediary Bank](#)

[Receiving Bank](#)

[Bank to Bank Information](#)

[Cancel](#)

[Privacy Notice](#) | [Online Privacy Statement](#)

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Attachment 11 – GEN-6 Special Inspectors

Attachment 11 has been deliberately left blank in this reporting period

Attachment 12 – Gen-7 Discrepancy

<Attachment 12 has been deliberately left blank in this reporting period>

Attachment 13 – GEN-8 Final Inspections

< Attachment 13 has been deliberately left blank in this reporting period >

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

April 2019

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
4/1/2019	10610	740
4/2/2019	11370	760
4/3/2019	12100	730
4/4/2019	12830	730
4/5/2019	13550	720
4/8/2019	14140	590
4/9/2019	14630	490
4/10/2019	15660	1030
4/11/2019	16280	620
4/12/2019	17020	740
4/15/2019	17770	750
4/16/2019	18520	750
4/17/2019	19250	730
4/18/2019	20170	920
4/19/2019	20680	510
4/22/2019	21060	380
4/23/2019	21110	50
4/24/2019	21370	260
4/25/2019	21770	400
4/26/2019	21830	60

4/29/2019	21840	10
4/30/2019	22510	670
Total		12640

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: April 29, 2019

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-6.0_FGC, NH3 TANK, & SYS FDN PLAN & CALCS_190417_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: 2019.04.29
21:10:45 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: April 29, 2019

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-7.0_UTILITY RACK 1 & 2 STEEL FDN PLAN & CALCS_190417_PCF

SERC_16-AFC-01
--- REVIEWED ---
This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be validated all codes and Laws must be complied with.

Digitally signed by Eric Rodriguez, SE
DN: cn=Eric Rodriguez, SE, o=NV5, Inc., ou=Energy, email=eric.rodriguez@nv5.com, c=US
Reason: Reviewed for Code Compliance (by Alan Ho, SE).
Date: 2019.04.29 08:22:08 -07'00'

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.

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

APRIL 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 April 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 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.

We have filed with the FAA for crane operation within Airport or Airfield facilities near project site. Case is pending at this time. We have also revisited the Cal-OSHA permit and request for variance to the personnel elevator they are currently requiring for the project exhaust stacks. That variance is also pending and we should have an answer within a week or two.

We have talked about Personal Protective Equipment, Slips, Trips & Falls, Wildlife, Snakes, Spiders & Critters and Barricades & Barricade Systems as the topics in our all hands safety meetings for the month of April 2019. We have applied special emphasis on staying hydrated as it is starting to warm up and summer is fast approaching. We are also emphasize the use of spotters at all times especially around the overhead power lines.

No Injuries have been observed or reported and no first aids, recordables or loss time Injuries to report for this month.

Tim Draper,

ARB, Inc. Safety Manager,

SERC Project Safety

tdraper@prim.com

(949) 678-1643

Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies



My Cases in ACCEPTED Status

Please refer to the assigned ASN on all inquiries to the FAA

All Cases	Filter by Case Status	Cases Requiring Action
Show All Cases (2)	Draft (1) Accepted (1) Work In Progress (0) Interim (0) Determined (0) Circularized (0) Terminated (0)	Waiting (0) 7460-2 Required (0) Add Letter (0) Cases Due to Expire (0)

Records 1 to 1 of 1

Page 1 of 1

View Folder ▾

Create Folder

Manage Folders

Transfer Cases

[Transfer Cases - Desk Reference Guide V_2018.2.0](#)

ASN	Folder Name	Project Name	Structure Name	Status	Date Accepted	Date Determined	7460-2 Received	City	State
<input type="checkbox"/> 2019-AWP-4507-OE		ARB, -000521330-19	275 ton manitowoc 999	Accepted	04/24/2019			Los Alamitos	CA

Move To ▾

Archive

Rows per Page: 20 ▾

Page: 1

Records 1 to 1 of 1

Page 1 of 1

Draft: Cases that have been saved by the user but have not been submitted to the FAA.**Waiting:** Wind Turbine/Met Tower (w/WT Farm) cases that have not been submitted to the FAA and are waiting for an action from the user, either to verify the map or attach specific documents**Accepted:** Cases that have been submitted to the FAA.**Add Letter:** Cases that have been reviewed by the FAA and require additional information from the user.**Work in Progress:** Cases that are being evaluated by the FAA.**Interim:** Cases that have been reviewed by the FAA and require resolution from the user.**Determined:** Cases that have a completed aeronautical study and an FAA determination.**Terminated:** Cases that are no longer valid.

Please allow the FAA a minimum of 45 days to complete a study.

Case Transfer:

- Use the check box(es) to select the case(s) you want to transfer.
- Select the "Transfer Cases button" to open the "Manage Transfer Cases" screen.

Note: Drafts and cases in Add and Terminated status can not be transferred.[Click here to contact the appropriate representative.](#)



Federal Aviation
Administration

« OE/AAA

Notice of Proposed Construction or Alteration - Off Airport

[Add a new Case Off Airport - Desk Reference Guide V_2018.2.1](#)

[Add a New Case \(Off Airport\) for Wind Turbines - Met Towers \(with WT Farm\) - WT-Barge Crane - Desk Reference Guide V_2018.2.1](#)

Project Name: ARB, -000521330-19

Sponsor: ARB, Inc.

Details for Case : 275 ton manitowoc 999

[Show Project Summary](#)

Case Status	
ASN:	2019-AWP-4507-OE
Status:	Accepted
Public Comments:	None
Date Accepted:	04/24/2019
Date Determined:	
Letters:	None
Documents:	None
	Project Documents: None
Construction / Alteration Information	
Notice Of:	Construction
Duration:	Temporary
<i>if Temporary :</i>	Months: 6 Days: 15
Work Schedule - Start:	
Work Schedule - End:	
<i>*For temporary cranes-Does the permanent structure require separate notice to the FAA? To find out, use the Notice Criteria Tool. If separate notice is required, please ensure it is filed. If it is not filed, please state the reason in the Description of Proposal.</i>	
State Filing:	
Structure Details	
Latitude:	33° 48' 24.73" N
Longitude:	117° 59' 5.58" W
Horizontal Datum:	NAD83
Site Elevation (SE):	31 (nearest foot) PASSED
Structure Height (AGL):	210 (nearest foot)
Current Height (AGL):	(nearest foot)
<i>* For notice of alteration or existing provide the current AGL height of the existing structure. Include details in the Description of Proposal</i>	
Minimum Operating Height (AGL):	70 (nearest foot)
<i>* For aeronautical study of a crane or construction equipment</i>	
Structure Summary	
Structure Type:	Crane
Structure Name:	275 ton manitowoc 999
FDC NOTAM:	
NOTAM Number:	
FCC Number:	
Prior ASN:	
Proposed Frequency Bands	
Select any combination of the applicable frequencies/powers identified in the Colo Void Clause Coalition, Antenna System Co-Location, Voluntary Best Practices, effective 21 Nov 2007, to be evaluated by the FAA with your filing. If not within one of the frequency bands listed below, manually input your proposed frequency(ies) and power using the Add Specific Frequency link.	
Add Specific Frequency	
Low Freq	High Freq
Freq Unit	ERP
ERP Unit	

the maximum height should be listed above as the Structure Height (AGL). Additionally, provide the minimum operating height to avoid delays if impacts are identified that require negotiation to a reduced height. If the Structure Height and minimum operating height are the same enter the same value in both fields.

Requested Marking/Lighting:

Flag Marker

Other :

Recommended Marking/Lighting:

Current Marking/Lighting:

None

Other :

Nearest City:

Los Alamitos

Nearest State:

California

Description of Location:

Available Upon Request

On the Project Summary page upload any certified survey.

Description of Proposal:

Crane to place Two Exhaust Stacks at said coordinates, Exhaust Stacks according to the Notice Criteria Tool, does not require filing for these structures.

Previous [Back to Search Result](#) Next



Federal Aviation
Administration

<< OE/AAA

Add Letter Response for Case

ADD Letter [View Request-Respond To] - Desk Reference Guide V_2018.2.0

• After uploading necessary documents, please click "Save" to complete your response

Site Elevation: 71 ft

From: noreply@faa.gov <noreply@faa.gov>
Sent: Thursday, May 2, 2019 7:00 AM
To: Timothy Draper <tdraper@prim.com>; Timothy Draper <tdraper@prim.com>
Subject: Status of FAA Filing 2019-AWP-4507-OE

EXTERNAL EMAIL

Your filing is assigned Aeronautical Study Number (ASN): 2019-AWP-4507-OE.

To review your electronic record, go to our website oeaaa.faa.gov and select the Search Archives link to locate your case using the assigned Aeronautical Study Number (ASN).

The FAA verified your filing and an aeronautical study has been initiated. Please allow a minimum 45 days for the FAA to complete the study. Please refer to the assigned ASN on all future inquiries regarding this filing.

To ensure e-mail notifications are delivered to your inbox please add noreply@faa.gov to your address book. Notifications sent from this address are system generated FAA e-mails and replies to this address will NOT be read or forwarded for review. Each system generated e-mail will contain specific FAA contact information in the text of the message.

Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations

SERC
COMPLAINT REPORT AND RESOLUTION LOG

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	<p>All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.</p> <ol style="list-style-type: none"> 1. Additional gravel was added to the existing ramps at the tire washing/cleaning station 2. Additional laborers were assigned to the Dale Ave entrance when there is a risk of any track-out to scrape and sweep immediately. A Sweeping machine is being kept on location and be used as necessary to clean up all track-out. 3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates. 4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance. 	N/A
02	Noise Complaint	<p>SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5th to better understand his complaint.</p> <p>SERC investigated the incident with ARB and confirmed that there was no activity on the SERC site during these hours. The Noise Complaint Resolution Form (COC NOISE 2) was submitted to the CPM documenting the complaint.</p>	

Attachment 22 Waste 10 Approval of Alt Soil Disposal Site



**Geotechnical Engineering
Construction Inspection
Materials Testing
Environmental**

OFFICE LOCATIONS

**SAN DIEGO
IMPERIAL COUNTY**
6295 Ferris Square
Suite C
San Diego, CA 92121
Tel: 858.537.3999
Fax: 858.537.3990

**ORANGE COUNTY
CORPORATE BRANCH**
2992 E. La Palma Avenue
Suite A
Anaheim, CA 92806
Tel: 714.632.2999
Fax: 714.632.2974

INLAND EMPIRE
14467 Meridian Parkway
Building 2A
Riverside, CA 92518
Tel: 951.653.4999
Fax: 951.653.4666

INDIO
44917 Golf Center Pkwy
Suite 1
Indio, CA 92201
Tel: 760.342.4677
Fax: 760.342.4525

**OC/LA/INLAND EMPIRE
DISPATCH**
800.491.2990

SAN DIEGO DISPATCH
888.844.5060

www.mtgline.com

April 22, 2019

Encompass Health
3660 Grandview Parkway, Suite 200
Birmingham, Alabama 35243

MTGL Project No.: 1153A02
MTGL Log No.: 19-1570
MTGL Branch: Anaheim
OSHPD Project No.: H-163228-30-00
OSHPD Facility No.: 18226

Attention: Mr. John R. Tschudin, Jr.
Senior Manager – Design & Construction

Subject: LABORATORY TEST RESULTS – PROPOSED IMPORT SOIL – LAB #216
Encompass Health Tustin Rehabilitation Hospital
15120 Kensington Park Drive
Tustin, Orange County, California

Reference: Professional Service Industries, Inc., 2015, "Geotechnical and Geologic Hazard Report, Proposed Health/Rehabilitation Facility, 2446 Edinger Avenue, Tustin, California", PSI Project No. 05591547, dated September 16, 2015

In accordance with the request of your project field representatives, MTGL, Inc. is providing the results of the laboratory testing performed for the subject project. On April 16, 2019, our field representative obtained a sample of proposed import soil from a designated site. The source of the proposed import soils was from 10741 Dale Avenue, Stanton, California. MTGL, Inc. understands that approximately 4,000 cubic yards of import soils are required for this project.

Section 3.3.4 (page 12) of the referenced project Geotechnical Engineering Report states:

"Engineered fill materials at this site should not contain rocks greater than 3-inches in diameter or greater than 30 percent retained on the ¾-inch sieve, and should not contain more than 3 percent (by weight) of organic matter or other unsuitable materials. The Expansion Index (EI) for the materials should not exceed 20."

"Import materials meeting the above requirements should be approved by the Geotechnical Engineer prior to use as Engineered Fill."

The soil sample was transported to our laboratory for geotechnical testing which included: Particle Size Analysis (ASTM C136), Expansion Index Test (ASTM D4829), Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318), Moisture, Ash, and Organic Matter of Peat and Other Organic Soils (ASTM D2974) and Laboratory Compaction Characteristics (ASTM D1557).

The requirements for Import Fill, as discussed in the project Geotechnical Engineering Report, are presented on Table 1. The results of the laboratory testing are presented in Table 2. Table 2 also indicates whether or not the soil samples meet the requirements for Import Fill as discussed in the project Geotechnical Engineering Report.

Based upon the results of the laboratory testing conducted for this report, the tested soils meet the project geotechnical engineering criteria for Import Soil and may be used as such. Monitoring and additional geotechnical engineering laboratory testing should be performed during soil import operations in order to review conformance with this report. Soil import and compaction operations should be reviewed by a representative of the geotechnical consultant. **Compaction should be confirmed by testing.**

MTG_L, Inc. appreciates this opportunity to be of continued service to you on this project. Should you have any questions regarding the information contained herein, please contact us at your earliest convenience.

Respectfully submitted,

MTG_L, Inc.



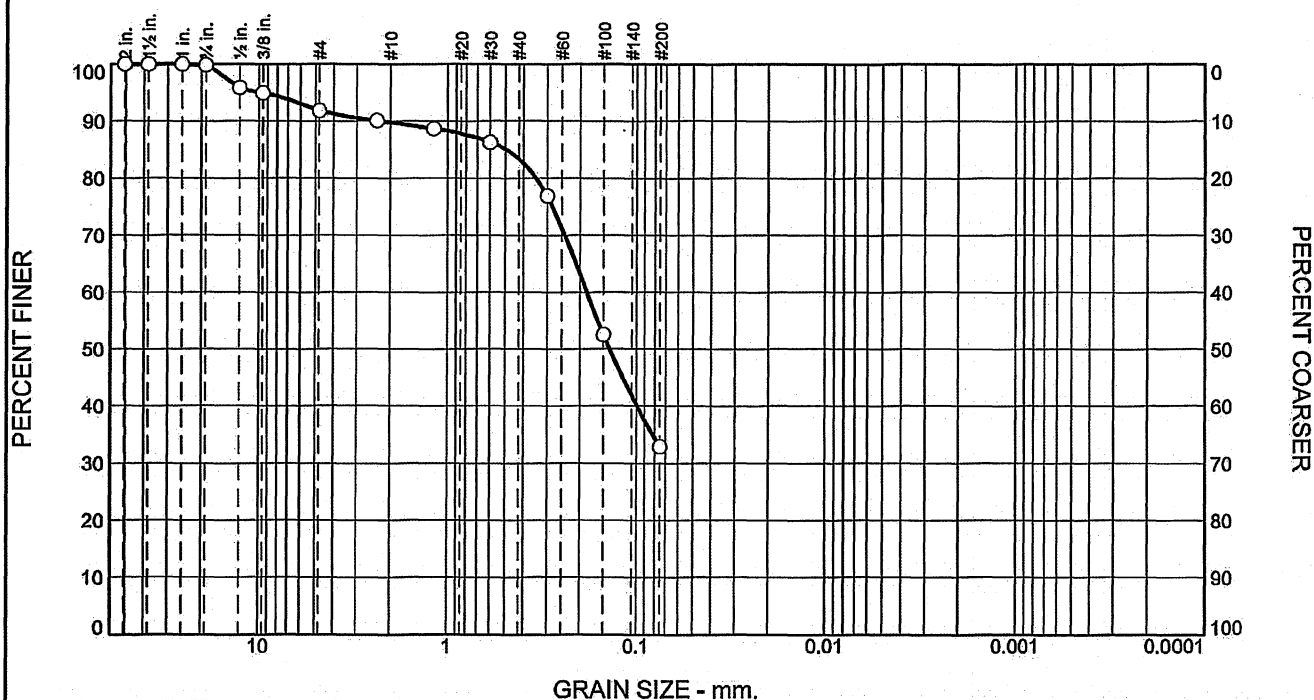
Bruce A. Hick,
R.C.E. 45784, G.E. 2284
Vice President | Engineering Manager



TABLE 1 – SPECIFICATION SUMMARY	
	Import Fill (Sec. 3.3.4, page 12)
Expansion Index (ASTM D4829)	≤ 20
Liquid Limit, Plastic Limit, Plasticity Index (ASTM D4318)	Liquid Limit (LL) – Less Than 35 Plastic Limit (PL) – Less Than 12 Plasticity Index (PI) – Less Than 20
Organic Content (ASTM D4318)	≤ 3 Percent
Other Required Test	Maximum Density/Optimum Moisture Content (ASTM D 1557) Soil Classification (Unified Soil Classification System) (ASTM C136)
Other Requirement	3-inch max size Not More Than 30 Percent Retained on the $\frac{3}{4}$ " Sieve

TABLE 2 – LABORATORY TESTING		
	Lab No. 168	
Sample Description (USCS)	Silty SAND With Gravel And Clay (SM), Light Brown	
Sample Location	10741 Dale Avenue, Stanton, California	
Maximum Particle Size (ASTM C136)	Maximum Size –1" One (1) Percent Retained on ¾" Sieve	Particle Size Analysis Attached
Expansion Index (ASTM D4829)	0	
Liquid Limit, Plastic Limit, Plasticity Index (ASTM D4318)	LL – 0 PL – 0 PI – 0 (Non-Plastic)	
Organic Content (ASTM D4318)	0.3%	
Maximum Dry Density/ Optimum Moisture Content (ASTM D1557)	120.0 p.c.f. at 11.5% Optimum Moisture	
Approved For Import Fill?	Yes	

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.2	7.9	2.1	6.4	50.6	32.8	

Test Results (ASTM C 136 & ASTM C 117)			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
2.0	100.0		
1.5	100.0		
1	100.0		
3/4	99.8		
1/2	95.9		
3/8	95.0		
#4	91.9		
#8	90.1		
#16	88.7		
#30	86.3		
#50	76.9		
#100	52.6		
#200	32.8		

* (no specification provided)

Material Description
LT BRN SILTY SAND W GRAVEL AND TRACE CLAY

Atterberg Limits (ASTM D 4318)
PL= LL= PI=

Classification
USCS (D 2487)= (SM) AASHTO (M 145)=

Coefficients
D₉₀= 2.2249 D₈₅= 0.4973 D₆₀= 0.1838
D₅₀= 0.1391 D₃₀= D₁₅=
D₁₀= C_u= C_c=

Remarks
SAMPLED BY: B ANDERSON
F.M.=1.19

Date Received: Date Tested: 4/18/19
Tested By: RS
Checked By: CF
Title: LAB SUPER

Location: 10741 DALE AVE STANTON CA
Sample Number: 216

Date Sampled: 4/16/19

MTGL, Inc.

Anaheim, CA

Client:
Project: ENCOMPASS HEALTH TUSTIN

Project No: 1153A02

Figure

End Report