

DOCKETED

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Project Title:	Huntington Beach Energy Project - Compliance
TN #:	215180
Document Title:	Huntington Beach Energy Project Monthly Compliance Report, November, 2016
Description:	Huntington Beach (HBEP) COM-6 Monthly Compliance Report (MCR) for November, 2016
Filer:	Eric Veerkamp
Organization:	AES Huntington Beach Energy, LLC
Submitter Role:	Applicant
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December 19, 2016

Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street
Sacramento, CA 95814

Subject: Huntington Beach Energy Project
 Docket No. 12-AFC-02C
 Monthly Compliance Report – 007 November 2016, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 007 for the Huntington Beach Energy Project for the month of November 2016, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

A handwritten signature in black ink, appearing to read "Josh Wynia", is written over a light gray rectangular background.

Joshua Wynia
Project Director

Enclosure

cc: Project File

REPORT

Huntington Beach Energy Project Monthly Compliance Report – 007

Report Period: November 2016

Prepared by:

AES Huntington Beach Energy, LLC

Submitted to:

California Energy Commission
Energy Facilities Siting and
Environmental Protection Division
1516 9th Street
Sacramento, California 95814-5512

December 14, 2016



Contents

Section	Page
List of Active Conditions November 2016	vii
Acronyms and Abbreviations	ix
1.0 Current Project Construction Status	1
2.0 Construction Activities	1
3.0 Compliance Matrix	1
3.1 CEC Documentation	1
3.2 CBO Documentation	1
4.0 Required Documents Submitted with this Report	2
4.1 Air Quality	2
4.1.1 AQ-SC3 Construction Fugitive Dust Control	2
4.1.2 AQ-SC4 Dust Plume Response Requirement	4
4.1.3 AQ-SC5 Diesel-Fueled Engine Control	4
4.1.4 AQ-SC6 Construction Particulate Matter Mitigation Plan	5
4.2 Worker Environmental Awareness Program Training	5
4.3 Biological Resources	5
4.4 Cultural Resources	5
4.4.1 CUL-5 Cultural Resources Worker Environmental Awareness Program	5
4.4.2 CUL-6 Undiscovered Cultural Resources	5
4.5 Paleontological Resources	6
4.6 Worker Safety	6
4.6.1 WORKER SAFETY-3 Construction Safety Supervisor	6
4.6.2 WORKER SAFETY-5 Automatic External Defibrillator	6
4.7 Visual Resources	7
5.0 Compliance Requirements Completed During the Reporting Period	7
6.0 Compliance Submittals Pending Approval	7
7.0 Changes to Conditions of Certification	7
7.1 VIS-3 Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning	7
7.2 WORKER SAFETY-1 Project Construction Safety and Health Program	8
7.3 BIO-8 Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds	8
8.0 Filings/ Permits Issued by Governmental Agencies	8
9.0 Complaints, Notices of Violations, Warnings and Citations	8
Tables	
3-1 Documentation Uploaded to CBO FTP Site	2
4-1 Fugitive Dust Control Measures	3
5-1 Compliance Submittals During the Reporting Period	7

Appendices

A	Construction Schedule
B	Key Events
C	CEC Compliance Matrix
D	CBO Documentation
E	Air Quality
F	Worker Environmental Awareness Program
G	Biological Resources Monthly Summary Report
H	Cultural Resources Monthly Summary Report
I	Paleontological Resources Monthly Summary Report
J	Worker Safety
K	Visual Resources
L	Changes to Conditions of Certifications
M	Filings/Permits
N	Complaints, Notices of Violations, Warnings and Citations

List of Active Conditions November 2016

AQ-SC3	Air Quality Construction Mitigation Plan documentation of dust control measures
AQ-SC4	Dust plume response
AQ-SC5	Diesel fueled engine control
AQ-SC6	Construction Particulate Matter Mitigation Plan
BIO-6	Implementation of BRMIMP
BIO-5	WEAP training for all on-site workers
CUL-5	WEAP training for all on-site workers
PAL-4	WEAP training for all on-site workers
CUL-2	Weekly report from CRS to CPM of anticipated construction activities for the following week during cultural resources ground disturbance
CUL-3	CRMMP Implementation
GEN-2	Project construction schedule updates
GEN-3	CBO payment receipts
CIVIL-1, 3, 4	Documenting of all CBO approvals (special inspections, CBO, GEN-6, 7, 8 inspections plan checks, corrective actions, submittals, and all STRUC-1, 3, 4 other CBO approvals) and CBO submittal transmittal letters.
NOISE-2	Noise complaints
PAL-3	PRMMP Implementation
WASTE-2	Asbestos Demolition Notification
WASTE-5	Construction waste management
VIS-3	Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning
WORKER SAFETY-3	Construction Safety Supervisor monthly safety inspection report
WORKER SAFETY-5	Proof of AED on site

Acronyms and Abbreviations

AQCMM	Air Quality Construction Mitigation Manager
AST	Aboveground Storage Tank
BMP	Best Management Practice
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
CARB	California Air Resources Board
CBO	Chief Building Official
CEC	California Energy Commission
COC	Condition of Certification
CRS	Cultural Resources Specialist
CPMMP	Construction Particulate Matter Mitigation Plan
CRMMP	Cultural Resources Mitigation and Monitoring Plan
CPM	Compliance Project Manager
ft	Foot
FTP	File Transfer Protocol
HBEP	Huntington Beach Energy Project
in	Inches
lbs	Pounds
LNTP	Limited Notice to Proceed
SCAQMD	South Coast Air Quality Management District
SWPPP	Storm Water Pollution Prevention Plan
MCR	Monthly Compliance Report
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
WEAP	Worker Environmental Awareness Program

1.0 Current Project Construction Status

The following section summarizes the current construction status for the Huntington Beach Energy Project (HBEP or project). The demolition contractor, GSD, continued demolition of the peaker building. Three walls of the peaker building have been removed to allow access to the generator foundation. GSD systematically demolished the generator foundation allowing the generator to be lowered to ground level on November 16, 2016. GSD started removal of the large AST floor on November 2, 2016. Demolition and removal of the AST floor was completed on November 8, 2016 and 120 tons of scrap steel were disposed of offsite.

WA Rasic (WAR) continued the process of cleaning the solidified fuel oil from within the fuel oil pipeline. WAR cold-cut the fuel oil lines into 20' sections and transferred the sections to an onsite cleaning area where a crew used a pressure washer and scrapers to remove the solidified fuel oil from the line. WAR removed and cleaned the remainder of the fuel oil pipeline (525 feet of 20-inch pipe, 525 feet of 12-inch pipe and 2,600 feet of 10-inch pipe). GSD and WAR worked jointly on removing the fuel oil cooler heat exchanger for cleaning on November 21, 2016. This marked the completion of the AES fuel oil pipeline work scope.

The updated construction schedule is included in Appendix A of this report. A key events list is provided in Appendix B of this report.

2.0 Construction Activities

On-site construction activities for this reporting period are presented below.

- GSD continued demolition of the peaker building. Three walls of the building and generator foundation were removed.
- GSD completed demolition of the distillate fuel oil skid and piping.
- GSD completed demolition of the floor of the large AST and removed the scrap steel from the site.
- WAR completed cleaning of the fuel oil pipelines. Fuel oil pipeline work is completed with the exception of the Plains fuel oil line along the north side of the east fuel oil tank.
- WAR and GSD completed the disassembly and cleaning of the fuel oil cooler bundle and shell.

3.0 Compliance Matrix

3.1 CEC Documentation

The updated CEC Compliance Matrix is included in Appendix C.

3.2 CBO Documentation

Documentation for CBO related activities for this reporting period are included in Appendix D of this report. This documentation includes:

- Updated CBO Matrix (per GEN-2) and schedule updates
- A copy of the CBO payment receipt for this reporting period (per GEN-3)

- Transmittals for documents uploaded to the CBO's FTP site for this reporting period (also listed in Table 3-1 below)

Table 3-1. Documentation Uploaded to CBO FTP Site

COC	Description	Date Submitted
STRUC-1	Utility Isolation Verification – GSD BOP Aux Equipment	11/1/16
STRUC-1	Utility Isolation Verification – Peaker Building	11/1/16
STRUC-1	AES-HBEP-12-AFC-02-STRUC-1 -Construction Screening Scaffolding Design	11/14/16

4.0 Required Documents Submitted with this Report

4.1 Air Quality

This section summarizes the activities conducted in November 2016 to demonstrate compliance with Conditions of Certification (COCs) AQ-SC3, AQ-SC4, AQ-SC5, and AQ-SC6. The required information for these COCs is provided in the sections below and/or Appendix E.

4.1.1 AQ-SC3 Construction Fugitive Dust Control

AQ-SC3 requires a number of 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;
- Copies of any air quality-related complaints filed with the South Coast Air Quality Management District (SCAQMD or District) or facility representatives in relation to project construction; and
- Any other documentation deemed necessary by the CPM and Air Quality Construction Mitigation Manager (AQCOMM) 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 November 2016, 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 entrance to the construction site limiting vehicle speeds to 10 miles per hour. In addition, existing speed limit signs throughout the facility limit vehicle speeds to 12 miles per hour on paved roads. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day. The daily field checklists for fugitive dust are provided in Appendix E and summarized in Table 4-1 below. No air quality-related complaints were received during this reporting period.

Table 4-1. 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 Onsite Are Stabilized	No – Dust Plumes Originating from Unpaved Roads	Yes – No Dust Plumes Originating from Unpaved Roads	Yes – In Compliance
All Disturbed Areas Are Watered As Necessary During Grading and Stabilized After Active Construction	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 mph speed limit is posted.
Wheel Inspection or Wash Stations in Place	No - Track-Out into Roadways Not Managed	Yes - No Track-Out Observed	Yes – In Compliance. Wheels inspected. Tire washing 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	NA – Gravel ramps to be installed as needed.
All Unpaved Exits Have Are Graveled or Treated	No – Dirt Entering Roadways	Yes - No Dirt Entering Roadways	Yes – In Compliance. Currently, there are no unpaved exits from construction site
Entrance Limited to Treated Roadways	No – Entrance Not Limited	Yes - Entrance Limited	Yes – In Compliance
SWPPP Control Measures Implemented	No – Contaminated Storm Water Runoff Found in Roadways	Yes – No Contaminated Storm Water Runoff found in Roadways	Yes – In Compliance. BMPs are installed.
Paved Area of Site Swept Daily or 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.

Table 4-1. Fugitive Dust Control Measures
AQ-SC3

Implementation Measure	Out of Compliance Trigger	In Compliance Trigger ^a	Results During Compliance Period
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

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

4.1.2 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 400 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 air quality-related complaints filed with the District or facility representatives 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.

No visible dust plumes with the potential to be transported offsite were observed in November 2016. Therefore, no additional dust control measures listed in AQ-SC4 were necessary. No air quality-related complaints were received during this reporting period.

4.1.3 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's 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, showing the tier level of each engine and the basis for alternative compliance with this condition for each engine not meeting Part "b" or Part "c" requirements. The list shall include the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained; 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.

The following off-road diesel equipment was present at the site in November 2016 and tagged to indicate compliance with AQ-SC5:

- Volvo EC480EL Excavator
- Takeuchi TL10CR Skid Steer Loader
- JLG G12-55A Forklift
- Genie S-40 Telescopic Boom
- Case 590SN Backhoe

Appendix E provides a table summarizing information about the engines including the CARB Engine Identification Number, tier and the dates the equipment was on the project site. Appendix E also contains the daily field checklists for off-road diesel engines and letters from the equipment owners indicating the equipment has been properly maintained.

4.1.4 AQ-SC6 Construction Particulate Matter Mitigation Plan

AQ-SC6 requires that a Construction Particulate Matter Mitigation Plan (CPMMP) be prepared and that the records of the CPMMP be included in the MCR. The CPMMP states that MCR will include documentation regarding the date and time of the monthly street sweeping and the make and model of street sweeper used.

Street sweeping was completed by Nationwide Environmental on November 26, 2016. Records documenting sweeping activities are included in Appendix E.

4.2 Worker Environmental Awareness Program Training

The Worker Environmental Awareness Program (WEAP) was approved on June 28, 2016, thus satisfying all components of the WEAP.

The HBEP Designated Biologist provided on-site WEAP training on May 11, 2016, and subsequent training has been administered via electronic media. Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period. Three workers received training during this reporting period. A total of 159 workers have received WEAP training for the project.

4.3 Biological Resources

In accordance with BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), HBEP conducted periodic monitoring and biological resources surveys during pre-construction activities. Biological Resources Monitoring Logs and the associated summary report are included in Appendix G.

Activities associated with BIO-6 BRMIMP performed during this monthly reporting period are summarized and included in Appendix G.

4.4 Cultural Resources

4.4.1 CUL-5 Cultural Resources Worker Environmental Awareness Program

The cultural resources portion (CUL-5) of the Worker Environmental Awareness Program (WEAP) was approved on June 28, 2016, thus satisfying all components of the WEAP. As required by CUL-5 Cultural Resources WEAP, until ground disturbance is completed, the project owner shall provide the WEAP Certification of Completion forms for workers who have completed the training in the prior month and a running total of all persons who have completed training to date. Three workers received training during this reporting period. A total of 159 workers have received WEAP training for the project.

Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period.

4.4.2 CUL-6 Undiscovered Cultural Resources

As required by CUL-6 Undiscovered Cultural Resources, the MCR shall include a summary of cultural resources related monitoring prepared by the Cultural Resources Specialist (CRS) and shall attach any new Department of Parks and Recreation 523A forms completed for finds treated prescriptively, as specified in the CRMMP.

No activities associated with CUL-6 Undiscovered Cultural Resources were required or performed during this monthly reporting period. Future activities will be included in Appendix H.

4.5 Paleontological Resources

As required by PAL-5 Worker Environmental Awareness Program, the project owner shall provide copies of the WEAP Certification of Completion forms with the names of those trained and the trainer or type of training (in-person and/or video) offered that month and a running total of all persons who have completed training to date.

Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period. No activities associated with paleontological resources were required or performed during this monthly reporting period. Future activities will be included in Appendix I.

4.6 Worker Safety

4.6.1 WORKER SAFETY-3 Construction Safety Supervisor

Per WORKER SAFETY-3 Construction Safety Supervisor, the MCR will include:

- Record of all employees trained for that month (all records shall be kept on site for the duration of the project);
- Summary report of safety management actions and safety-related incidents that occurred during the month;
- Report of any continuing or unresolved situations and incidents that may pose danger to life or health; and
- Report of accidents and injuries that occurred during the month.

4.6.1.1 Safety Training

Appendix J includes a list of the sign-in sheets for individuals who have completed the site orientation safety for this monthly reporting period.

4.6.1.2 Safety Management Actions and Safety Incidents

These activities are conducted daily and include Safety Tours/Walks; Contractor Foreman's meeting; and Morning Tailboards. Records of these activities are maintained in Unifier.

AES performs daily safety observations, which are included in Appendix J.

4.6.1.3 Continuing or Unresolved Situations

- None to report.

4.6.1.4 First Aid or Recordable Injuries

- None to report.

4.6.2 WORKER SAFETY-5 Automatic External Defibrillator

Per WORKER SAFETY-5 Automatic External Defibrillator, the MCR will include proof that a portable automatic external defibrillator exists on site. The required documentation has been included in Appendix J.

4.7 Visual Resources

VIS-3 construction screening repair documentation is included in Appendix K.

5.0 Compliance Requirements Completed During the Reporting Period

Table 5-1 contains a summary of Conditions of Certification submittals and CEC review/approval status during this reporting period.

Table 5-1. Compliance Submittals During the Reporting Period

COC	Description	Date Submitted	CEC Approval Date	Status
AQ-SC1	AQCMM Alternate Jeff McClarty	11/14/16		Pending Approval
VIS-3	Construction Screening Scaffolding Addendum	11/16/16	11/30/16	Approved

6.0 Compliance Submittals Pending Approval

No compliance submittals have exceeded the review time stated in the COCs.

7.0 Changes to Conditions of Certification

Reference documentation for VIS-3, WORKER SAFETY-1 and BIO-8 are included in Appendix K.

An addendum to the April 27, 2016 LNTP VIS-3 memo was submitted on November 16, 2016 to address the proposed approach for the installation of the 12' screening prior to the start of excavation and stockpiling of the containment berms. In place of the previously approved plan for construction of a new 12' fence, AES is proposing to use the 12' screening that uses scaffolding which would be a less intrusive and lower cost approach.

7.1 VIS-3 Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning

Due to the Limited Notice to Proceed (LNTP) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTP activities. The LNTP

VIS-3 submittal was approved by the CEC on May 3, 2016, with the understanding that a comprehensive VIS-3 submittal would be submitted during 4th quarter 2016.

7.2 WORKER SAFETY-1 Project Construction Safety and Health Program

Due to the LNTP activities approved by the CEC, AES proposed an amended WORKER SAFETY-1 submittal to specifically address the activities being performed under LNTP activities. The submittal (Site-specific Health and Safety Plan) specifically addressed the asbestos and lead abatement project and was approved by the CEC on May 9, 2016 with the understanding that future WORKER SAFETY-1 submittals addressing the remaining three activities (listed below) will be submitted once a contractor has been selected to conduct the work scope:

- Clear and Cap Abandoned Fuel Oil Lines (includes asbestos removal);
- Demolition of Structures (Unit #5 Peaker and Compressor Buildings, Aboveground Storage Tanks and Ancillary Equipment); and
- Excavation and Stockpiling of Containment Berms.

7.3 BIO-8 Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds

The LNTP Conditions of Certifications list established on September 11, 2015, between the CEC and AES did not include Condition BIO-8. However, through supplemental discussions between the CEC and AES, the decision was made to include BIO-8. This condition has been added to the COC matrix.

8.0 Filings/ Permits Issued by Governmental Agencies

During this reporting period no documents were submitted or issued by other governmental agencies. Future submittals will be included in Appendix L.

9.0 Complaints, Notices of Violations, Warnings and Citations

No complaints, notices of violation, official warnings, or citations have been received during this reporting period or to date on this project.

As required by NOISE-1 a public notification process was established for the HBEP LNTP. The hotline was activated on June 1, 2016, and since has received 32 calls with no complaints received. The hotline received 4 calls in the month of November 2016. Call log is included in Appendix M.

Appendix A

Construction Schedule



AES
the power of being global

AES HBEF NTP SCHEDULE (CLH) 12-06-16				AES Owner's Schedule																09-Dec-16 13:59															
Activity ID	Activity Name	CO	% Cmpl	Start	Finish	2016				2017				2018				2019				2020				2021				2022					
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
OSHB-1375	Approve AQ-SC1 to CEC	5	100%	01-Apr-16 A	05-Aug-16																														
OSHB-1380	Submit AQ-SC2 to CEC	1	100%	08-Oct-15 A	08-Oct-15																														
OSHB-1385	Approve AQ-SC2 to CEC	5	100%	09-Oct-15 A	15-Mar-16																														
OSHB-1390	Submit AQ-SC6 to CEC	1	100%	08-Oct-15 A	08-Oct-15																														
OSHB-1395	Approve AQ-SC6 to CEC	5	100%	09-Oct-15 A	15-Mar-16																														
OSHB-1400	Submit BIO-1 to CEC	7	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1405	Approve BIO-1 to CEC	5	100%	19-Sep-15 A	28-Sep-15																														
OSHB-1410	Submit BIO-3 to CEC	7	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1415	Approve BIO-3 to CEC	5	100%	19-Sep-15 A	28-Sep-15																														
OSHB-1420	Submit BIO-5 to CEC	45	100%	11-Jan-16 A	11-Jan-16																														
OSHB-1425	Approve BIO-5 to CEC	5	100%	12-Jan-16 A	20-Apr-16																														
OSHB-1430	Submit BIO-6 to CEC	45	100%	11-Jan-16 A	11-Jan-16																														
OSHB-1435	Approve BIO-6 to CEC	5	100%	12-Jan-16 A	20-Apr-16																														
OSHB-1440	Submit CUL-1 to CEC	1	100%	18-Sep-15 A	22-Apr-16																														
OSHB-1445	Approve CUL-1 to CEC	49	100%	25-Apr-16 A	30-Jun-16																														
OSHB-1450	Submit CUL-2 to CEC	1	100%	17-Sep-15 A	17-Sep-15																														
OSHB-1455	Approve CUL-2 to CEC	5	100%	18-Sep-15 A	30-Jun-16																														
OSHB-1460	Submit CUL-3 to CEC	30	100%	04-Mar-16 A	04-Mar-16																														
OSHB-1465	Approve CUL-3 to CEC	97	100%	10-Mar-16 A	03-Aug-16																														
OSHB-1470	Submit CUL-5 to CEC	1	100%	02-Oct-15 A	03-Oct-15																														
OSHB-1475	Approve CUL-5 to CEC	5	100%	05-Oct-15 A	28-Jun-16																														
OSHB-1480	Submit CUL-6 to CEC	19	100%	02-Oct-15 A	02-Oct-15																														
OSHB-1485	Approve CUL-6 to CEC	5	100%	03-Oct-15 A	28-Oct-15																														
OSHB-1490	Submit CUL-7 to CEC	1	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1495	Approve CUL-7 to CEC	5	100%	18-Sep-15 A	30-Jun-16																														
OSHB-1500	Submit GEO-2 to CEC	60	100%	16-May-16 A	16-May-16																														
OSHB-1505	Approve GEO-2 to CEC	5	100%	17-May-16 A	29-Aug-16																														
OSHB-1510	Submit HAZ-7 to CEC	7	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1515	Approve HAZ-7 to CEC	5	100%	18-Sep-15 A	28-Sep-15																														
OSHB-1520	Submit NOISE-1 to CEC	15	100%	20-May-16 A	20-May-16																														
OSHB-1525	Approve NOISE-1 to CEC	5	100%	23-May-16 A	15-Jul-16																														
OSHB-1530	Submit NOISE-3 to CEC	30	100%	27-Jun-16 A	27-Jun-16																														
OSHB-1535	Approve NOISE-3 to CEC	5	100%	28-Jun-16 A	13-Jul-16																														
OSHB-1540	Submit NOISE-6 to CEC	1	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1545	Approve NOISE-6 to CEC	5	100%	21-Sep-15 A	15-Mar-16																														
OSHB-1550	Submit PAL-1 to CEC	22	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1555	Approve PAL-1 to CEC	5	100%	21-Sep-15 A	19-Oct-15																														
OSHB-1560	Submit PAL-2 to CEC	22	100%	18-Sep-15 A	18-Sep-15																														
OSHB-1565	Approve PAL-2 to CEC	5	100%	21-Sep-15 A	19-Oct-15																														
OSHB-1570	Submit PAL-3 to CEC	30	100%	09-Mar-16 A	09-Mar-16																														
OSHB-1575	Approve PAL-3 to CEC	5	100%	09-Mar-16 A	04-Apr-16																														
OSHB-1580	Submit PAL-4 to CEC	2	100%	09-Mar-15 A	09-Mar-16																														
OSHB-1585	Approve PAL-4 to CEC	5	100%	10-Mar-16 A	04-Apr-16																														
OSHB-1590	Submit WASTE-3 to CEC	28	100%	01-Apr-16 A	01-Apr-16																														
OSHB-1595	Approve WASTE-3 to CEC	5	100%	04-Apr-16 A	07-Apr-16																														
OSHB-1600	Submit WASTE-5 to CEC	30	100%	25-Mar-16 A	25-Mar-16																														
OSHB-1605	Approve WASTE-5 to CEC	5	100%	28-Mar-16 A	07-Apr-16																														
OSHB-1610	Submit WORKER SAFETY-1 to CEC (HB Fire Department)	30	100%	01-Apr-16 A	27-Jul-16																														

Actual Level of Effort

Remaining Work

Actual Work





Critical Remaini...

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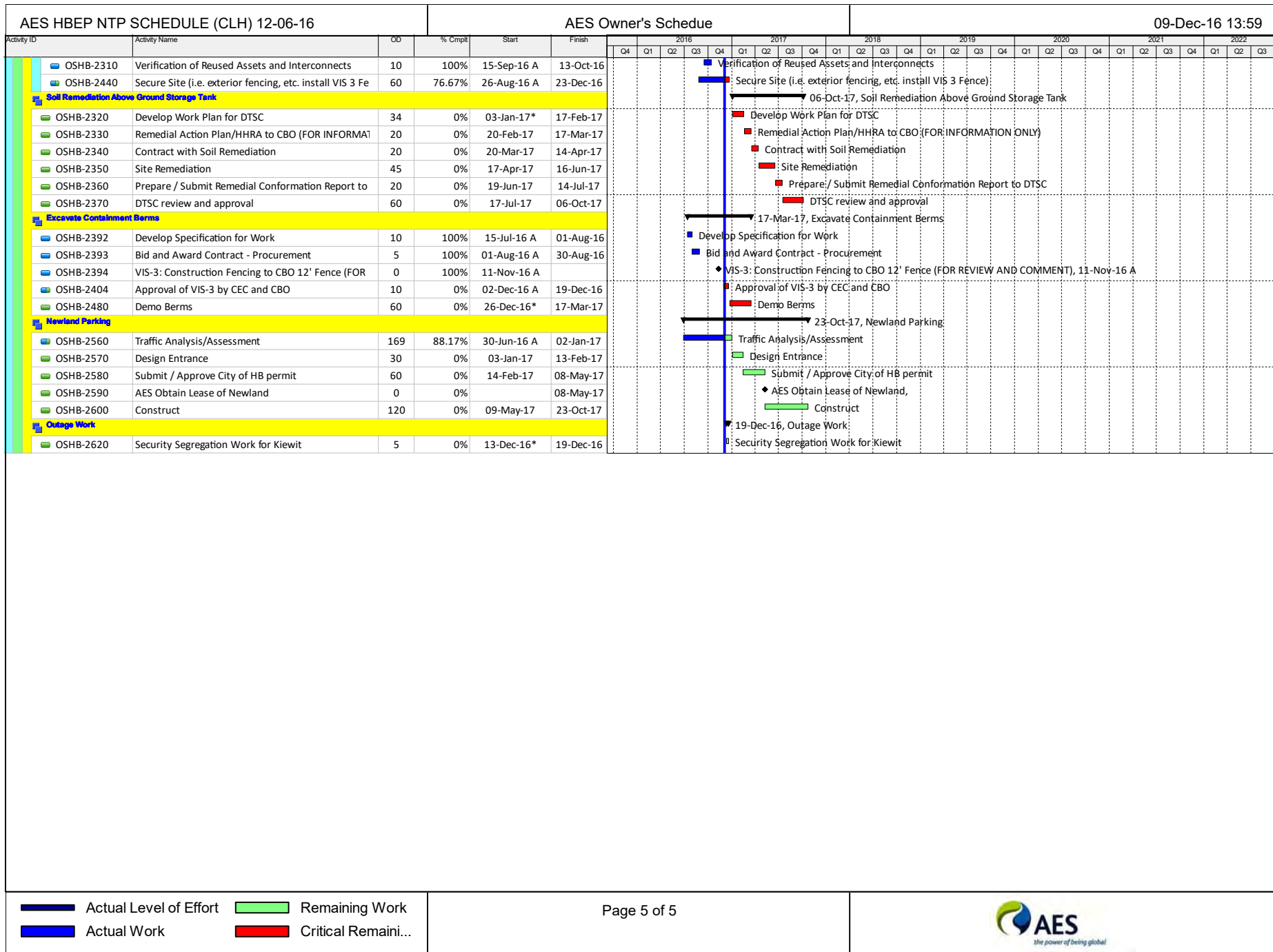
Page 2 of 5

AES HBEP NTP SCHEDULE (CLH) 12-06-16						AES Owner's Schedule												09-Dec-16 13:59											
Activity ID	Activity Name	OD	% Cmpl	Start	Finish																								
						2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
OSHB-1615	Approve WORKER SAFETY-1 to CEC (HB Fire Depart	70	100%	04-Apr-16 A	24-Aug-16																								
OSHB-1620	Submit WORKER SAFETY-3 to CEC	16	100%	02-Oct-15 A	02-Oct-15																								
OSHB-1625	Approve WORKER SAFETY-3 to CEC	5	100%	05-Oct-15 A	27-Oct-15																								
OSHB-1630	Submit WORKER SAFETY-4 to CEC	16	100%	18-Sep-15 A	18-Sep-15																								
OSHB-1635	Approve WORKER SAFETY-4 to CEC (HB Fire Depart	5	100%	21-Sep-15 A	09-Oct-15																								
OSHB-1640	Submit WORKER SAFETY-5 to CEC	16	100%	02-Oct-15 A	02-Oct-15																								
OSHB-1645	Approve WORKER SAFETY-5 to CEC	5	100%	03-Oct-15 A	27-Oct-15																								
OSHB-1650	Submit GEN-2 to CBO Master List of NTP CBO Subn	30	100%	24-Apr-16 A	24-Apr-16																								
OSHB-1655	Approve GEN-2 to CBO Master List of LNTN CBO Su	5	100%	05-Apr-16 A	17-May-16																								
Utility Construction Risk Management																													
Above Grade																													
OSHB-1660	Develop Above Grade Utility Termination Identificati	20	100%	20-Apr-16 A	12-Jul-16																								
OSHB-1670	Access Interior Tanks and Investigate (Cleaning)	38	100%	13-Jul-16 A	30-Aug-16																								
OSHB-1680	Clean/Cut/Cap Existing Utility Clearance Tanks - AG	42	100%	30-Jun-16 A	26-Aug-16																								
OSHB-1690	Clean/Cut/Cap Existing Utility Clearance Peak Bldg -	48	100%	30-Jun-16 A	26-Aug-16																								
Underground																													
OSHB-1700	Develop Underground Utility Termination Identificat	160	100%	01-Feb-16 A	19-Aug-16																								
OSHB-1710	Clean/Cut/Cap Existing Utility Clearance All - UG	20	100%	12-Aug-16 A	23-Aug-16																								
Environmental Assessment																													
Asbestos and Lead Paint Surveys																													
OSHB-1720	Site Field Work	7	100%	14-Sep-15 A	22-Sep-15																								
OSHB-1730	Development and Review of Survey Document	31	100%	19-Oct-15 A	30-Nov-15																								
Soil Sampling & HRA																													
OSHB-1740	SCE Approval of Sampling Plan on Triangle Land	5	100%	04-Jan-16 A	19-Jan-16																								
OSHB-1750	Initial Soil Sampling Work	60	100%	11-Jan-16 A	12-Feb-16																								
OSHB-1755	Return for Additional Soil Sample	5	100%	09-May-16 A	13-May-16																								
OSHB-1760	*DRAFT* Site Characterization Field Work and Repo	40	100%	12-Jan-16 A	22-Feb-16																								
OSHB-1765	*FINAL* Site Characterization Field Work and Report	31	100%	09-May-16 A	13-May-16																								
OSHB-1770	No Remediation required	90	100%	09-May-16 A	13-May-16																								
OSHB-1780	Submit WASTE-1 to CEC	45	100%	28-Jun-16 A	28-Jun-16																								
Geotechnical Analysis																													
OSHB-1790	Meet with Kiewit and confirm schedule	1	100%	27-Jan-16 A	27-Jan-16																								
OSHB-1800	Complete geotechnical work plan	40	100%	28-Jan-16 A	23-Mar-16																								
OSHB-1805	Geotech Work Plan to CBO (FOR INFORMATION ONI	1	100%	25-Mar-16 A	25-Mar-16																								
OSHB-1810	Conduct Site Survey / Mobilize	3	100%	21-Mar-16 A	23-Mar-16																								
OSHB-1820	Geotech Field Work	15	100%	23-Mar-16 A	01-Apr-16																								
OSHB-1830	Complete geotech report	30	100%	04-Apr-16 A	22-Jun-16																								
OSHB-1840	No Contamination Found / HRA not Required	7	100%	10-Jun-16 A	10-Jun-16																								
NPDES Requirements																													
OSHB-1860	Development of Construction SWPPP	25	100%	07-Apr-16 A	28-Apr-16																								
OSHB-1870	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND	11	100%	29-Apr-16 A	07-Jun-16																								
OSHB-1880	Submit SOIL&WATER-1 to CEC	20	100%	29-Apr-16 A	06-Jun-16																								
OSHB-1885	Approve Soil & Water and SWPPP	15	100%	07-Jun-16 A	15-Jul-16																								
Temporary Utilities - Trailers																													
OSHB-1890	ID Locations	15	100%	20-Apr-16 A	10-May-16																								
Service Agreements																													
OSHB-1900	SCE 220V/480V Supply	120	94.17%	11-May-16 A	14-Dec-16																								
OSHB-1910	Internet	90	100%	11-May-16 A	23-Sep-16																								

 Actual Level of Effort
  Remaining Work
  Actual Work
  Critical Remaini...



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Appendix B

Key Events

Key Event List

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

EVENT DESCRIPTION	DATE
Certification Date	Oct 29, 2014
Petition to Amend Submitted	Sept, 17 2015
POWER PLANT SITE ACTIVITIES	
Asbestos and Lead Surveys	Sept 22, 2015
Phase I - Soil Sampling - HRA	Feb 12, 2016
Site Survey and LIDAR Scan	Mar 23, 2016
GeoTech Field Work	April 1, 2016
AQMD Notification for Abatement	April 12, 2016
Phase 2 - Soil Sampling - HRA	May 10, 2016
Lead and asbestos Abatement	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTF Owners scope	Aug 10, 2016
Clean and Cap Fuel Oil Lines	Jul 25, 2016
Office Trailers (CBO and AES)	Sept 2, 2016
Mobilizations for Demo	Aug 15, 2016
Demo Fuel Oil Tank	Aug 29, 2016
Demo Oil Lines and 66KV	Oct 3, 2016
Demo Fuel oil Tank Final	Oct 31, 2016
Demo Peaker Building	Oct 12, 2016
Removal of Berms	Jan 3, 2017
Site Remediation (If required)	Feb 17, 2017
Issue of NTP for Construction	June 1, 2017

Appendix C

CEC Compliance Matrix

Conditions of Certification	Title	Lead Response Party	Lead Person	Internal Draft Date	Planned Date to CEC	Date sent to CEC, CBO, or Agency	CEC Status	Actions/Comments
AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM)	AES				4/1/2016	CEC Review	9/28/2015. Submitted with Keith McGregor and Michael Hughes resume for CEC approval 4/1/16. Approved 4/5/16. Submitted resumes for Peter Torrey, Mark Smith, and Charlene He for approval 8/17/16. Approved 8/17/16. Submitted resume for Jeff McClarty 11/14/16.
AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	CH2MHill				10/8/2015	Approved	Review status with CEC on next call. AES to lead. 3/15/16
AQ-SC6	Construction Particulate Matter Mitigation Plan	CH2MHill				6/28/2016	Approved	Submitted to CEC for approval 6/28/16. Same submittal re-submitted on 7/5/16. Approved 7/12/16.
BIO-1	Appointment and Qualifications of Designated Biologist	CH2MHill				9/18/2015	Approved	9/25/2015
BIO-3	Appointment and Qualifications of Biological Monitor	CH2MHill				9/18/2015	Approved	9/25/2015. Submitted 9/1/16 with Ava Eden and Chris Taylor's resumes for CEC approval. Approved 9/16/16.
BIO-5	Biological Resources Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	Combined CUL, BIO, and Paleo. CEC requested translation plan. No translations are currently planned or necessary. CH2M Hill currently responding to 10/12/15 CEC email. Based on 10/22/15 conversation with CEC CPM Eric Veerkamp, he will go back to his staff to determine if this is necessary (10/26/15). Pending AES Review. AES has decided not to provide a Spanish translation. CEC provided comments on 11/20/15. CEC comments provided the CH2M on 1/27/16. CH2M to provide price for voice over in spanish. Once Cul-1 is approved, request approval for WEAP. CH2M to send WEAP for review by 2/10/16. CH2M submitted WEAP to AES 2-10-16. AES provided comments 2-12-15. CH2M addressing comments and will return final to AES by COB 2-15-16. Submitted to CEC for approval 3/9/16. CEC provided comments on 3/16/1, CH2M addressing comments. CH2M submitted to AES for review 4/15/16. Re-submitted to CEC for approval 4/20/16. CEC approval 5/3/16.
BIO-6	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Draft document submitted by CH2MHill 10/30/15. For AES review and comment. AES and Talperion provided comment on 12/03/15. CH2M Hill currently addressing comments. CH2M to send for review by 2/10/16. AES to provide comments to figures by 2/9/16. AES to review and provide comments by 2/19/16. CH2M submitted BRMIMP to AES 2-10-16. AES will review and provide comments mid-week (2-17-16). CH2M submitted final draft on 2/26/16. Submitted to CEC for approval 3/9/16. Approved 3/23/16
BIO-8	Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds	CH2MHill					Approved	Submitted Melissa Fowler's resume to USDFWS and CDFW 4/8/16. CDFW submitted comments 4/8/16, CH2M addressing comments and will provide for review by 4/11/16. Re-submitted to USFWS 4/12/16. USFWS provided comments back 4/12/16, CH2M addressing comments. Provided comments to USFWS and added Gary Santolo's resume to accompany Melissa Fowler on 4/14/16. USFWS provided comments back 4/15/16, CH2M addressing comments. Assessments and survey are put on hold until mid-June. First survey was conducted on 6/6/2016, notification was sent to CEC on 6/7/16. Approved 6/9/16.
COM-4	Pre-Construction Matrix and Tasks Prior to Start of Construction	CH2MHill					Approved	
CUL-1	Appointment and Qualifications of Cultural Resources Specialist (CRS)	CH2MHill				9/18/2015	Approved	CEC staff requested that CH2M Hill revise the resumes to reflect the qualifications defined by the COC and DOI standard. Mason tasked on 10/20 to revise resumes per CEC memo. CH2MHill submitted amended documents on 10/28/15. Resumes resubmitted to CEC on 12/9/15. Review status with CEC on next call. CEC provided comments on 4/4/16. CH2M addressing comments and provide updated resumes 4/18/16. CH2M provided resumes to AES for review 4/18/16. CH2M provided to AES for review 4/20/16, AES provided comments back, CH2M to submit for review 4/20/16. Re-submitted to CEC for approval 4/22/16. CEC provided comments 5/23/16, CH2M addressing comments, provide to AES by 6/7/16. Responded to CEC's comments 6/9/2016 regarding Natalie Lawson's resume, waiting on approval. CH2M addressing comments from CEC based on concall with CEC Cultural Staff on 6/13/16. Responded to CEC's comments on 6/16/16, waiting on approval. Approved 6/17/2016.

Color Code Key

Not submitted to CEC.

Submitted to CEC; pending approval.

HBEP response to CEC questions pending.

CEC approved.

Conditions of Certification	Title	Lead Response Party	Lead Person	Internal Draft Date	Planned Date to CEC	Date sent to CEC, CBO, or Agency	CEC Status	Actions/Comments
CUL-2	Information to be Provided to CRS	CH2MHill				9/18/2015	Approved	Tied to CUL-1. Status to be updated after CUL-1 review with CEC. Review status with CEC on next call. Waiting on approval of CUL-1, once CUL-1 is approved all other CUL COC's should fall into place. Approved 6/30/16.
CUL-3	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Draft submitted by CH2MHill on 10/30/15. For AES review and comment. AES and Talperion submitted comments to BRMIMP on 12/3/15. Review of this document was halted due to similarity with BRMIMP comments. CH2M Hill is currently addressing comments to BRMIMP (which should also address this document). CH2M to send WEAP for review by 2/10/16. AES to review and provide comments by 2/19/16. CH2M submitted CRMMP to AES 2-10-16. AES will review and provide comments mid-week (2/17/16). AES to provide comments by 2/24/16. CH2M submitted final draft on 2/25/16. Submitted to CEC for approval 3/9/16. CEC provided comments 4/11/16. CH2M addressing comments and to submit for review 4/19/16. AES reviewing document, will provide to CH2M by COB 6/6/16. Re-submitted to CEC for approval 6/9/2016. CEC provided comments on 7/6/16. CH2M to provide CRMMP to AES 7/12/16. AES provided comment to CH2M on 7/19/16. Re-submitted to CEC for approval 7/21/16. CEC provided comments on 8/1/16. Re-submitted to CEC for approval 8/1/16. Received approval from Gabriel Roark on 8/1/16. Approved 8/3/16.
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	Combined CUL, BIO, and Paleo. See BIO-6 status above. CEC provided comments on 4/8/16. CH2M addressing comments and will submit for review by 4/12/16. CH2M submitted to AES for review 4/15/16. RE-submitted to CEC for approval 4/20/16. CEC provided comments on 6/14/16, CH2M addressing comments, revised documents to AES by COB 6/20/2016. Re-submitted to CEC for approval 6/27/16. Approved 6/28/16.
CUL-6	Undiscovered Cultural Resources	AES				10/2/2015	Approved	Received electronic form from CEC. Submitted. CEC advise this is complete.
CUL-7	Power of CRS	AES				9/18/2015	Approved	Tied to CUL-1. Review status with CEC. Waiting on approval of CUL-1, once CUL-1 is approved all other CUL COC's should fall into place. Approved 6/30/16.
GEO-2	Compliance with City of Huntington Beach Municipal Code Section 17.04.085	AES					Approved	CEC provided comments on 6/16/2016. AES addressing comments. AES responded to CEC's comments 6/23/16. CEC provided comments on 7/7/16. AES addressed comments to CEC on 7/14/16. AES sent reports to HBFD on 7/20/16. Approved 8/29/16.
HAZ-7	Hazardous Materials	AES				9/18/2015	Approved	9/24/2015
NOISE-1	Public Notification Process	AES					Approved	CH2M Hill sent property owner's notification list. AES to establish 800 # for complaints and AES procedure for monitoring and responding to complaints. CH2MHill can do this but needs 7-8 working days prior to start date to get information to get together for mailing. Powell to work with Stephen to determine date (AES to Complete). Submitted to CEC for approval 5/31/16. Approved 7/13/16.
NOISE-3	Employee Noise Control Program	AES					Approved	AES to review existing worker safety noise control and prepare submittal specific to LNTF as appropriate. AES to Complete. Submitted to CEC for approval 6/27/16. Approved 7/13/16.
NOISE-6	Construction Restrictions	AES				9/18/2015	Approved	Acknowledgement of hours restriction sent. Noise that draws a legitimate complaint (for the definition of "legitimate complaint", see the footnote in Condition of Certification NOISE-2). Talperion to check status with CEC. 3/15/16
PAL-1	Appointment and Qualifications of Paleontological Resource Specialist (PRS)	CH2MHill				9/18/2015	Approved	10/19/2015
PAL-2	Documents Provided to the PRS	CH2MHill				9/18/2015	Approved	10/19/2015

Conditions of Certification	Title	Lead Response Party	Lead Person	Internal Draft Date	Planned Date to CEC	Date sent to CEC, CBO, or Agency	CEC Status	Actions/Comments
PAL-3	Paleontological Resources Monitoring and Mitigation Plan (PRMMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Submitted by CH2MHill on 10/30/15. For AES review and comment. Review of this document was halted due to similarity with BRMIMP comments. CH2M Hill is currently addressing comments to BRMIMP (which should also address this document). CH2M to send for review by 2/10/16. AES to review and provide comments by 2/19/16. CH2M submitted PRMMP to AES 2-10-16. AES will review and provide comments mid-week (2-17-16). CH2M submitted final draft on 2/25/16. Submitted to CEC for approval 3/9/16. Approved 4/4/16
PAL-4	Preparation of Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	10/26/2015. Approved 4/4/16 based on WEAP submittal from 3/9/16.
SOIL&WATER-1	NPDES Construction Permit Requirements	AES					Approved	No submittals identified and 9/11 meeting, but CBO identified as requirement. Current LNTF plan will leave operational SWPPP in place through 2015-16 season. Submitted to CEC for approval 6/7/2016. Approved 7/13/2016.
SOIL&WATER-2	Hydrostatic Water Discharge Permit Requirements	AES	Powell					No Hydrostatic water discharge expected during LNTF.
VIS-3	Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan - Project Demolition, Construction, and Commissioning	AES				4/1/2016	Approved	CH2M Hill preparing draft plan. Team agreed this is focused and limited to LNTF scope and revised plan is underway. Once HBEP defines LNTF plan & scope, we will consult with CEC. Must review proposed plan and fence construction with O'Kane once schedule is complete. Robert to create a draft narrative includes photos. Tracy to layout base map. CH2MHill submitted draft document on 1/18/16. AES, Talperion, and CH2M Hill to schedule a meeting the week of Feb 1st to discuss. CH2M to submit internal draft to AES by 2/12/16. AES to review and provide comments by 2/19/16. AES to schedule meeting with Jenifer and CH2M for Wed 2/24/16. CH2M to provide draft for AES review 3/7/16. CH2M submitted 2 version of draft to AES for review 3/11/16. AES to provide comments to CH2M today 3/14/16. AES to send proposal to CEC 3/28/16. Submitted to CEC for approval 4/1/16. Received comments from CEC 4/7/16 via con call. Re-submitted for approval 4/12/16. CEC provided comments 4/22/16. CH2M addressing comments, to provide for review by 4/27/16. Re-submitt to CEC for approval 4/27/16. CEC approval 5/3/16. Submitted Construction Screening Addendum 11-11-16. Re-submitted addendum with an installation timeline 11/16/16. Approved 11/30/16.
WASTE-1	Waste Management	AES				6/28/2016	Approved	Pending assessment results. Prior to geotech work. Establish due date after assessment. AES to provide. Submitted to CEC for approval 6/28/16. Approved 7/13/2016.
WASTE-2	Waste Management	AES					Approved	Asbestos Demolition Notification Form. Pending contractor selection and completion of AQMD notification form. AES to provide. Submitted to CEC on 4/19/16, no comment required. Approved 5/23/16
WASTE-3	Registered Engineer or Geologist Resume	CH2MHill				4/1/2016	Approved	10/27/2015. Submitted with Sally Drinkard's resume for CEC approval 4/1/16. Approved 4/7/16
WASTE-5	Waste Management	AES				3/25/2016	Approved	CH2M Hill draft Waste Management plan underway. Plan will address the entire project. Submittal by CH2MHill on 10/28/15. For AES review and comment. AES to resubmit comments. CH2M to review comments from AES and submit by 2/10/16. AES to review and provide comments by 2/24/16. AES to review and provide comments by 3/7/16. Submitted to CEC for approval 3/25/16. Approved 4/7/16
WORKER SAFETY-1	Project Construction Safety and Health Program	AES				4/1/2016	Approved	WEAP - Prepared by Ron Butcher for AES; incorporate operating site program. Submittal pending AES signature. AES submittal to CEC anticipated 11/2/15. AES evaluating comments from Fire Department. AES to hear back from Fire Department by 2/26/16. Submitted to CEC for approval 4/1/16. CEC provided comments 4/12/16, AES addressing comments. RE-submitted to CEC for approval 4/20/16. CEC provided comments 4/27/16, AES addressing comments. Re-submitted for CEC approval 5/6/16. CEC approval 5/9/16. Submitted Demo Site Specific H&S Plan for CEC approval 7/27/16. Approved 8/4/16.
WORKER SAFETY-3	Construction Safety Supervisor	AES				9/18/2015	Approved	10/5/2015
WORKER SAFETY-4	Safety Monitor						Approved	10/6/2015
WORKER SAFETY-5	Automatic External Defibrillator	AES				9/18/2015	Approved	10/6/2015

Appendix D

CBO Documentation

Transmittal Report

Transmittal Number: CBO-007

Date: 11/30/2016

Project: Huntington Beach Energy Project – Owner’s Scope

Package: STRUC-1 Rev 0

Subject: Construction Screening Scaffolding Design

Due Date: 11/30/16

Comments: Documents submitted to CBO for approval

[illegible]

Transmittal Report

Transmittal Number: CBO-008

Date: 11/30/2016

Project: Huntington Beach Energy Project – Owner’s Scope

Package: STRUC-1 Rev 0

Subject: Utility Isolation Verification

Due Date: 11/30/2016

Comments: Documents submitted to CBO for review

[illegible]

HUNTINGTON BEACH ENERGY PROJECT COMPLIANCE MATRIX BASED ON CEC 12-AFC-02

Critical

					Color code key:	Demolition Item	Construction	Closeout Item	Date Submitted to CEC or Agency	Date Approved by CEC or Agency
Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status	
CIVIL-01	CONSTRUCTION		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan. 2. An erosion and sedimentation control plan. 3. A construction storm water pollution prevention plan (SWPPP). 4. Related calculations and specifications, signed and stamped by the responsible civil engineer. 5. Soils, geotechnical, or foundation investigations reports required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading the project owner shall submit the documents described above to the CBO for design review and approval. In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading.		11/25/2016			
CIVIL-02	CONSTRUCTION		The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions.					
CIVIL-03	CONSTRUCTION		The project owner shall perform inspections in accordance with the 2013 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following monthly compliance report.	Within 5 days of discovery of any discrepancies.					
CIV-04	CLOSE OUT		After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work.					
ELEC-01	DEMO		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. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the TRANSMISSION SYSTEM ENGINEERING section of this document.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, 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.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction.					
		Temporary Power for Trailers							KW to do inspection on temp. power set up at Peaker Building on 5/19/16	
		Design of Power Connection					8/24/2016	8/27/2016	APPROVED	
		Installation of Power Connection								
		Temporary Power for Demolition Activities							APPROVED	

Critical ✓	Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
	GEN-01	CLOSE OUT		The project owner shall design, construct, and inspect the project in accordance with this Decision and the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Building Standards Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).	Within 30 days following receipt of the certificate of occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. The project owner shall provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	With 30 days after receipt of Certificate of Occupancy				
	GEN-02	DEMO		Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures, systems, and equipment, including the architectural visual enhancement specified in the VISUAL RESOURCES section. Major structures, systems, and equipment are structures and their associated components or equipment that are necessary for power production, costly or time consuming to repair or replace, are used for the storage, containment, or handling of hazardous or toxic materials, or could become potential health and safety hazards if not constructed according to applicable engineering LORS. The schedule shall contain the date of each submittal to the CBO.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO and to the CP2. Major structures and equipment shall be added to or deleted from the list only with CPM approval. The project owner shall provide schedule updates in the monthly compliance report.M 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, equipment, and the architectural enhancement features defined above in Condition of Certification GEN-2.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading.				KW to talk with TP and JW on timing and submittals what submittals will demo contractor provide to CBO for review?
	GEN-03	DEMO		The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2013 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 between the project owner and the CBO.	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.				COMPLETED / on-going
	GEN-04	DEMO		Prior to the start of rough grading, the project owner shall assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall 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. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	At least 30 days prior to the start of rough grading.				RE (AES Person) shall be named at time of rough grading. Rough grading is not included in demo.
	GEN-05	CONSTRUC TION		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering geologist.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologist assigned to the project.	At least 30 days prior to the start of rough grading.				
	GEN-06	CONSTRUC TION		Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection.				
	GEN-07	CONSTRUC TION		If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	The project owner shall transmit a copy of the CBO's approval or disapproval solve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.				

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	GEN-08	CLOSE OUT		The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report,(a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective				
	GEO-01	CONSTRUC TION		A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and tsunami. In accordance with CBC 2013, the report should also include recommendations for ground improvement and/or foundation systems necessary to mitigate these potential geologic hazards, if present. The project owner shall conduct a geotechnical investigation that identifies expected dewatering volumes and the spatial extent of drawdown effects of that dewatering. If the investigation shows that dewatering is likely to affect nearby wetlands or environmentally sensitive habitat areas, mitigation measures shall be incorporated into the final design plans required pursuant to Condition of Certification GEN-02.	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 tsunami, and a summary of how the results of the analyses were incorporated into the project foundation and grading plan design for review and comment by the Chief Building Official (CBO). A copy of the Soils Engineering Report, application for grading permit and any comments by the CBO are to be provided to the CPM at least 30 days prior to grading.	action taken to resolve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall				
	✓ GEO-02	CONSTRUC TION		The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.	advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain				COMPLETED
	HAZ-07	DEMO		Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the construction area 2. security guards 3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors 4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency 6. evacuation procedures	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.	CBO's approval.				
			Construction Site Security Plan					8/12/2016		COMPLETED
	✓ NOISE-06	DEMO		Heavy equipment operation and noisy6 construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed. Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance.				
			Letter of Acknowledgement						6/27/2016	COMPLETED
	S&W-01	DEMO		The project owner shall manage stormwater pollution from HBEP 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 HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	Thirty (30) days prior to site mobilization of HBEP construction activities.				

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			Construction SWPPP					6/10/2016 1st submittal	7/20/2016	AES to re-submit SWPPP based on CBO comments. Submitt by 9/9/16	
			Notice of Intent (NOI)					8/8/2016		COMPLETED	
	✓	S&W-03	DEMO	Prior to any groundwater dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The dewatering plan shall include maximum daily and average daily pumping rates, and total volume expected to be pumped during dewatering, as well as the dates expected to be used for dewatering. The plan shall also include estimates of drawdown that may occur at the adjacent marsh land, and identify potential mitigation, as needed, as well as describe under what circumstances such mitigation would be implemented.	At least sixty (60) days prior to dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The project owner shall provide a report on the dewatering daily average and maximum rate and total daily volumes in each monthly compliance report when dewatering occurs. At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit. The project owner shall submit a copy of any correspondence between the project owner and the RWQCB regarding the waiver or permit and all related reports to the CPM within 10 days of correspondence receipt or submittal.	At least sixty (60) days prior to dewatering.				No dewatering anticipated during LNTP.	
	✓	S&W-04	DEMO	Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to HBEP operation, the project owner shall submit to the CPM a copy of the Industrial SWPPP.	Prior to construction mobilization.					
			NPDES Permit						6/28/2016	COMPLETED	
			Monthly Non-Compliance Report								To be included in MCR
		STRUC-01	DEMO	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. The project owner shall: 1. Obtain approval from the CBO of lateral force procedures proposed for project structures. 2. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. If there are conflicting requirements, the more stringent shall govern (for example, highest loads, or lowest allowable stresses shall govern). All plans, calculations, and specifications for foundations that support structures shall be filed concurrently with the structure plans, calculations, and specifications. 3. Submit to the CBO the required number of copies of the structural plans, specifications, calculations, and other required documents of the designated major structures prior to the start of on-site fabrication and installation of each structure, equipment support, or foundation. 4. Ensure that the final plans, calculations, and specifications clearly reflect the inclusion of approved criteria, assumptions, and methods used to develop the design. The final designs, plans, calculations, and specifications shall be signed and stamped by the responsible design engineer. 5. Submit to the CBO the responsible design engineer's signed statement that the final design plans conform to applicable LORS.	At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit.	At least 60 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 .					
			Structural Design of Trailers						7/13/2016	7/27/2016	APPROVED
			GSD Construction Trailer Foundation Design						9/9/2016	9/13/2016	APPROVED
			Demolition Work Plan						9/9/2016		COMPLETED
			12' Construction Fence Design						11/14/2016		Received CBO comments on 11/18/16
			Utility Clearance Plan						9/9/2016		Utility Isolation Verification - East Fuel Oil Tank and Distillate Tank SUBMITTED 9/13/16
			Demolition Site Delineation Plan						11/25/2016		

Critical

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VIS-1	CONSTRUCTION		Prior to submitting the master drawings and master specifications list for the project to the Chief Building Official (CBO) and the Compliance Project Manager (CPM), the project owner shall prepare and submit a Visual Screening and Enhancement Plan for Project Structures (Plan) that includes methods and materials to visually screen and treat surfaces of publicly visible power plant structures.	No more than 45 calendar days before submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of GEN-2), the project owner shall submit a Visual Screening and Enhancement Plan for Project Structures to the CPM for review and approval.					COMPLETED Re-opened due to scope change; berm removal to take place during demo
VIS-2	CONSTRUCTION		The project owner shall prepare and implement a Perimeter Screening and On-site Landscape and Irrigation Plan (Plan) to screen views of power plant structures.	No more than 45 calendar days after submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of Condition of Certification GEN-2), the project owner shall submit the Perimeter Screening and On-site Landscape and Irrigation Plan to the CPM for review and approval.					Re-opened due to scope change; berm removal to take place during demo
VIS-03	DEMO		Prior to the start of site mobilization, the project owner shall prepare and implement a Construction Screening, Landscape Protection, and Site Restoration Plan describing methods and materials that will be used during each project phase to screen project construction and parking areas and views of the project site from areas where construction activities have the potential to be visible during a phase. The Construction Screening, Landscape Protection, and Site Restoration Plan will describe methods and materials to identify and protect existing landscape trees and shrubs. The Construction Screening, Landscape Protection, and Site Restoration Plan will identify existing landscaped areas where plantings will be retained and where they will be permanently removed. The Construction Screening, Landscape Protection, and Site Restoration Plan will include provisions to restore areas where ground disturbance occurred during construction.	At least 60 calendar days before the start of site mobilization, the project owner shall submit a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM for review and approval. Simultaneously with the submission of a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM, the project owner shall submit seven copies of a Construction Screening, Landscape Protection, and Site Restoration Plan to the City of Huntington Beach Planning and Building Department for review and comment.	At least 60 calendar days before the start of site mobilization.				Re-opened due to scope change; berm removal to take place during demo Submitted to CEC on 11/16/16
VIS -04	DEMO		Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, construction worker parking lots, and construction laydown areas minimizes potential adverse night lighting impacts by implementing the following measures: 1. All fixed-position lighting shall be hooded and shielded to direct light downward and toward the construction area to be illuminated to prevent illumination of the night sky and minimize light trespass (i.e., direct light extending beyond the boundaries of the construction worker parking lots and construction sites, including any security-related boundaries). 2. Lighting of any tall construction equipment (e.g., scaffolding, derrick cranes, etc.) shall be directed toward areas requiring illumination and shielded to the maximum extent practicable. 3. Task-specific lighting shall be used to the maximum extent practicable. 4. Wherever and whenever feasible, lighting shall be kept off when not in use and motion sensors shall be used to the maximum extent practicable. 5. The Compliance Project Manager (CPM) shall be notified of any construction-related lighting complaints. Complaints shall be documented using a form in the format shown in Attachment 1, and completed forms shall record resolution of each complaint. A copy of each completed complaint form shall be provided to the CPM. Records of lighting complaints shall also be kept in the compliance file at the project site.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones, the project owner shall notify the CPM that the lighting is ready for inspection. Verification is to be repeated for these three construction milestones: • Demolition of HBGS Unit 5 and east fuel oil tank and construction of Power Block 1 • Construction of Power Block 2 • Demolition of HBGS Units 1 and 2 and construction of Buildings 33 and 34 If the CPM determines that modifications to the lighting are needed for any construction milestone, within 14 calendar days of receiving that notification, the project owner shall correct the lighting and notify the CPM that modifications have been completed. Within 48 hours of receiving a lighting complaint for any construction activity, the project owner shall provide a copy of the complaint report and resolution form to the CPM, including a schedule for implementing corrective measures to resolve the complaint. 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 resolution forms for that month.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones.				APPROVED

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	WASTE-01	DEMO		The project owner shall ensure that the HBEP project site is properly characterized and remediated as necessary pursuant to the corrective action plans reviewed by DTSC, the Huntington Beach Fire Department and/or the Orange County Health Care Agency. In no event shall project construction commence in areas requiring characterization and remediation until the CPM determines, with confirmation from the appropriate regulatory agency, that all necessary remediation has been accomplished.	At least 45 days prior to remediation the project owner shall submit to the CPM for approval copies of remediation documentation, such as, but not limited to, soil sample results, work plans, and agreements regarding the corrective action plan requirements and activities at the project site. Pertinent correspondence such as, but not limited to, soil sample results, work plans, agreements, and authorizations involving DTSC, the Huntington Beach Fire Department, and/or (if applicable) the Orange County Health Care Agency regarding the corrective action plan requirements and activities at the project site will be provided to the CPM within 10 days of receipt. At least 15 days prior to the start of site mobilization, the project owner shall provide to the CPM written notice from the appropriate regulatory agency that the HBEP site has been investigated and remediated as necessary in accordance with the corrective action plan. If soil contamination not previously identified or already included in corrective action plans, work plans or closure plans is encountered prior to or during grading the project owner shall notify the CPM and DTSC, revise the approved work plan and submit it for concurrent CPM, Huntington Beach Fire Department, and DTSC review within 30 days after contamination is identified. Comments received within 30 days from all parties will be incorporated and provided to DTSC for approval.	At least 45 days prior to remediation. At least 15 days prior to the start of site mobilization				COMPLETED
	WASTE-03	DEMO		The project owner shall 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 CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies.	At least 30 days prior to the start of site mobilization, the project owner shall submit the resume of the professional engineer or professional geologist to the CPM for review and approval.	At least 30 days prior to the start of site mobilization.				COMPLETED
			Depending on Occurrence							COMPLETED
	WASTE-04	CLOSE OUT		If potentially 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 professional 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 recommended course of action.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt. The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt.				Copy to CBO
	WORKER SAFETY-01	DEMO		The project owner shall submit to the compliance project manager (CPM) a copy of the Project Construction Safety and Health Program containing the following: 1. a Construction Personal Protective Equipment Program 2. a Construction Exposure Monitoring Program 3. a Construction Injury and Illness Prevention Program 4. a Construction Emergency Action Plan 5. a Construction Fire Prevention Plan 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 Huntington Beach Fire Department for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. The project owner shall provide a copy of a letter to the CPM from the Huntington Beach Fire Department stating the fire department's timely comments on the Construction Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to start of construction.				
			Site-Specific Health and Safety Plan - Lead/Asbestos Abatement							COMPLETED
			Site-Specific Health and Safety Plan - Pipline Cleaning					7/18/2016	7/27/2016	COMPLETED
			Site-Specific Health and Safety Plan - Demolition					8/19/2016	7/28/2016	COMPLETED

Critical	Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
	WORKER SAFETY-03	DEMO		The project owner shall assign a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, has knowledge of of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects 3. assure that all construction and commissioning workers and supervisors receive adequate safety training 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safetyrelated incidents 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.	At least 60 days prior to the start of site mobilization, the project owner shall submit the name and contact information for the CSS to the CPM for review and approval. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 60 days prior to the start of site mobilization.		8/29/2016		COMPLETED
	WORKER SAFETY-04	DEMO		The project owner shall, through an agreement with the Chief Building Official (CBO), obtain and pay for the services of a Safety Monitor. The services of the Safety Monitor shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO 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 have full access to the project site to conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	At least 60 days prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	At least 60 days prior to the start of construction.			10/5/2015	COMPLETED
	WORKER SAFETY - 06	DEMO		The project owner shall prepare an Emergency Access Plan that shows all of the following: (1) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 1; (2) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 2; (3) a 26-foot wide fire lane from the HBEP main entrance to the continuous loops referenced in (1) and (2) above; and (4) a 26-foot wide fire lane from a secondary access point to the continuous loops referenced in (1) and (2) above. Both access lanes shall connect to a public street. Corners must allow for clear travel of a minimum 17-foot inner radius and 45-foot outer radius (radius must be concentric). The fire lanes shall be designed and maintained to support the imposed loads of fire apparatus (75,000 lbs. load/12,000 point load) and shall be surfaced to provide all-weather driving capabilities. Fire lane signage shall be provided as per City of Huntington Beach Specification #415. The 26-foot wide fire lanes shall meet the applicable requirements of the California Fire Code, City of Huntington Beach Municipal Code Chapter 17.56 - Huntington Beach Fire Code, and the Huntington Beach Fire Department City Specifications.	At least 60 days prior to the start of construction of any structures or components listed in the CBO-approved master drawing and master specification list, or within a timeframe approved by the CPM, the project owner shall submit the Emergency Access Plan to the City Fire Department for review and timely comment, and to the CPM and CBO for review and approval.	At least 60 days prior to the start of construction.				COMPLETED
	TRANS-6	CONSTRUC TION		The project owner shall install blinking obstruction marking and lighting on any construction equipment that exceeds 200 feet in height in accordance with FAA requirements.	At least 10 days prior to installation of permanent obstruction marking and lighting, the project owner shall provide the CBO and CPM proof in writing of approval by the FAA for all structure marking and lighting.					

AES Huntington Beach Energy Project (12-AFC-02C)
CBO Proof of Payment (GEN-3)
November 2016 Reporting Period

Vendor	Document Date	Posting Date	Net due date	Amount in local currency	Reference	Text
NV5 INC	1/15/2016	3/9/2016	2/29/2016	-5,160.30	40668	NV5 CBO Agreement For HBES
NV5 INC	1/19/2016	1/19/2016	1/19/2016	19,100.07		
NV5 INC	2/12/2016	3/10/2016	3/28/2016	-7,239.61	41755	NV5 CBO Agreement For HBES
NV5 INC	3/9/2016	3/28/2016	4/23/2016	-8,005.92	42670	NV5 CBO Agreement For HBES
NV5 INC	3/14/2016	3/14/2016	3/14/2016	5,160.30		
NV5 INC	3/21/2016	3/21/2016	3/21/2016	7,239.61		
NV5 INC	4/18/2016	4/18/2016	4/18/2016	8,005.92		
NV5 INC	4/18/2016	5/13/2016	6/2/2016	-52,536.24	44044	NV5 CBO Agreement For HBES
NV5 INC	5/11/2016	5/17/2016	6/25/2016	-56,551.37	45192	NV5 CBO Agreement For HBES
NV5 INC	5/23/2016	5/23/2016	5/23/2016	52,536.24		
NV5 INC	6/8/2016	6/13/2016	7/8/2016	-85,958.60	46570	NV5 CBO Agreement For HBES
NV5 INC	6/20/2016	6/20/2016	6/20/2016	56,551.37		
NV5 INC	7/1/2016	7/1/2016	7/1/2016	85,958.60		
NV5 INC	7/7/2016	7/19/2016	8/6/2016	-91,807.30	48179	NV5 CBO Agreement For HBES
NV5 INC	8/1/2016	8/1/2016	8/1/2016	91,807.30		
NV5 INC	8/11/2016	8/18/2016	9/10/2016	-68,556.30	49929	NV5 CBO Agreement For HBES
NV5 INC	9/5/2016	9/5/2016	9/5/2016	68,556.30		
NV5 INC	9/19/2016	9/23/2016	10/19/2016	-107,821.03	51662	NV5 CBO Agreement For HBES
NV5 INC	10/3/2016	10/3/2016	10/3/2016	107,821.03		September Invoice payment completed in October
NV5 INC	10/12/2016	10/21/2016	11/11/2016	-107,249.81	53070	October Invoice - NV5 CBO Agreement For HBES
NV5 INC	10/12/2016	10/21/2016	11/11/2016	-1,075.07	53080	October Invoice - NV5 CBO Agreement For HBES
NV5 INC	11/7/2016	11/7/2016	11/7/2016	108,324.88		October Invoice payment completed in November
NV5 INC	11/17/2016	11/28/2016	12/17/2016	-97,570.98	54871	NV5 CBO Agreement For HBES

Appendix E

Air Quality



United Rentals, Inc.
16300 Gothard Street
Huntington Beach, CA
92647
Tel: 714-842-7765

11/28/16

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 manufacturers and United Rentals recommendations.

This is for the below listed equipment on rent to GSD
at: 21730 NEWLAND ST, HUNTINGTON BEACH.

	<u>E.I.N.</u>
1. SKID STEER TRACK LOADER 2400#> Unit # 10519303	<u>KT8C54</u>
2. Boom S 40 Unit # 10360826	KG9X86
3. Light Tower Unit # 10540399	

All info verified by:
OC Metro service department
16300 Gothard Street
Huntington Beach, CA 92647

Mark Skye
Branch Manager
United Rentals, Inc.

November 29, 2016

LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventive maintenance and/or service bulletins are current in accordance with the manufactures and W.A. Rasic Construction recommendations.

This is for the below listed equipment on site at:

AES Southland

21730 Newland Street
Huntington Beach, CA

Equipment

1. Case> 590 Super N Loader B'hoe> UNIT #3051 jjGN59SNCEC711133
2. Kaesar> M50 185 CFM Air Compressor> UNIT #7060 WKA0s0000E5071859

All info verified by:
W.A. Rasic Construction Service Department
7314 Scout Avenue
Bell Gardens, CA 90201



Jack Quick
Project Manager
W.A. Rasic Construction



**Construction Equipment
& Services**

11/30/2016

To whom it may concern,

The equipment listed below has been serviced and maintained by Volvo Construction Equipment and Services in accordance with the approved factory recommended maintenance program.

Equipment Information

Manufacturer: Volvo
Model Number: EC480EL
Serial Number: 310118
Year: 2015

Engine Information

Manufacturer: Volvo
Model Number: D13J
Serial Number: 502602
Year: 2014
Family Number: EVSXL 12.8T4F
Horsepower: 373
Displacement: 12.8 litres

Current hours reported on 11/30/2016: 1353 hours.

Last oil change service completed: 1000 hour service completed 6/22/2016 @ 1039 hours.

Last inspection by Volvo technician: 11/7/2016.

Last inspection by Volvo Product Support: 11/19/2016.

Next oil service due: 1500 hours.

R/S,

BK FARRELL

Brian Farrell
VCES Product Support
951-901-0386
Brian.farrell@vcesvolvo.com

Appendix E

HBEP Off Road Diesel Equipment

<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit alpha numeric</u>	<u>HBEP ID</u>	<u>Equipment</u>						<u>Engine</u>						<u>Diesel (hp)</u>	<u>Tier</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>		
8/25/2016	onsite	VK3D96	HBEP-EN004	Volvo	EC480EL Excavator	2015	310118	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	EVSXL12.8T4F	D13J	12.8 L	2014	502602	373	4F
8/18/2016	onsite	KT8C54	HBEP-EN001	Takeuchi	TL10CR Skid steer loader	2016	201003340	United Rentals	GSD	Kubota	EXBXL03.8AKD	V3800-T	3.8 L	2014	2GJ0317	108	4I
8/18/2016	09/21/16	UA5B47	HBEP-EN002	Skyjack	SI86T Boom	2015	97100108	United Rentals	GSD	Deutz	FDZXL02.9020	TD2.9L4	2.9 L	2015	11772765	74	4F
9/21/2016	09/29/16	NN5A78	HBEP-EN006	Genie	Z-80/60 Articulating Boom	2011	Z8011-3169	United Rentals	GSD	Deutz	BDZXL03.6082	TD2011L041	3.6 L	2011	11055233	74	4I
10/3/2016	10/04/16	LY5A47	HBEP-EN007	JLG	1250AJP Articulating Boom	2014	300186601	United Rentals	GSD	Deutz	DDZXL02.9016	TCD 2.9 L4	2.9L	2013	11544050	74	4F
8/18/2016	08/29/16	DW6G75	HBEP-EN003	JLG Skytrak	8042 Rough Terrain Forklift	2015	160066913	United Rentals	GSD	Cummins	ECEXL03.3ADA	QSB3.3	3.2 L	2014	68617161	100	4I
7/25/2016	onsite	MU9W57	HBEP-EN005	CASE	590 Super N loader Backhoe	2014	JJGN59SN CEC711133	WA Rassic	WA Rassic	FPT Industrial	EFPXL03.4ADD	FPT F5BFL413A	3.4 L	2014	201279	109	4
10/17/2016	11/22/16	EC9H83	HBEP-EN008	JLG	G12-55A ext fork lift	2014	160060843	Sunstate	WA Rassic	Cummins Inc.	ECEXL04.5AAE	QSB4.5	4.5 L	2014	73630523	130	4I
11/8/2016	11/10/16	KG9X86	HBEP-EN009	Genie	S-40	2015	S4015-21143	United Rentals	GSD	Deutz	CDZXL03.1041	D2011L03I	2.3 L	2012	11104845	49	4F

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepl.com, c=US
Date: 2016.11.01 12:16:20 -0700

Date: 11-01 2016 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.01 12:16:11 -0700

Date: 11-01 2016 Tuesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-02 2016 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	no inactive soil stockpiles, concrete debris covered as needed
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.02 11:28:47-0700

Date: 11-02 2016 Wednesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepl.com, c=US
Date: 2016.11.03 12:15:16 -0700

Date: 11-03 2016 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 11-03 2016 Thursday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Peter Torrey
 AQCMM or Delegate signature: Peter Torrey Digitally signed by Peter Torrey
Date: 2016.11.11 14:55:28
-08'00'
 Date: November 4, 2016

Form: HBEP-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	Y	Paved
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	NA	No unpaved exits
Are speed limit signs posted at the main entrances?	Y	
Are equipment and vehicle operators using designated onsite roads?	Y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	NA	Shaker plates are being used. Wheel washers will be used as needed.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are onsite paved roads swept daily?*	Y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	Y	Debris pile is covered
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?	NA	No trucks observed leaving today.
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	Water is being used during demolition activities to control dust
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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:

Observed use of water during demolition of tank bottom today.

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Peter Torrey

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Peter Torrey Digitally signed by Peter Torrey
Date: 2016.11.11 14:55:14 -0800

Date: November 4, 2016

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 tags visible for all off-road diesel equipment. All off-road diesel equipment checked for drips and spills and none were visible.

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-07 2016 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.07 12:47:57 -0800

Date: 11-07 2016 Monday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-08 2016 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@huntingtonbeach.com, c=US
Date: 2016.11.13 14:07:09 -0800

Date: 11-08 2016 Tuesday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today? <div style="text-align: center;">Genie S-40, boom man lift , equip data logged</div>	y	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-09 2016 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.09 13:37:08-0800

Date: 11-09 2016 Wednesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-10 2016 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 11-10 2016 Thursday

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 HBEP 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? Genie S-40 boom manlift removed this pm	y	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-14 2016 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.14 17:47:08Z

Date: 11-14 2016 Monday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@hbeplntf.com, c=US
Date: 2016.11.15 15:21:08 -0800

Date: 11-15 2016 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 11-15 2016 Tuesday

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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCCMM 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCCMM.
Are green or yellow AQCCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-16 2016 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.16 15:12:10 -0800

Date: 11-16 2016 Wednesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@hbeplntf.com, c=US
Date: 2016.11.21 17:18:27 -0800

Date: 11-17 2016 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 11-17 2016 Thursday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@hbeplntf.com, c=US
Date: 2016.11.21 17:19:29 -0800

Date: 11-18 2016 Friday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@hbepr.com, c=US
Date: 2016.11.18 17:17:08Z

Date: 11-18 2016 Friday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepl.com, c=US
Date: 2016.11.19 17:21:28 -0800

Date: 11-19 2016 Saturday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	inactive soil stockpiles covered
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@huntingtonbeach.com, c=US
Date: 2016.11.19 12:15:09 -0800

Date: 11-19 2016 Saturday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-21 2016 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.21 10:15:07 -0800

Date: 11-21 2016 Monday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	No	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP 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? WAR / KVAC moved off todayKaeser Air Compressor, Service & Vacuum Trucks, Steam pressure washer, moved off. JLG G12-55A boom fork tomorrow move off/ ? Case 580?	No	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-22 2016 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=marksmith@huntingtonbeach.com, c=US
Date: 2016.11.22 16:15:15 -0800

Date: 11-22 2016 Tuesday

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 HBEP 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? JLG G-12 55A BOOM Fork Lift removed from site @2:00pm	YES	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 11-28 2016 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.28 12:49:42 -0800

Date: 11-28 2016 Monday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepl.com, c=US
Date: 2016.11.29 13:55:08 -0800

Date: 11-29 2016 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	na	no inactive soil stockpiles
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 11-29 2016 Tuesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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 Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepl.com, c=US
Date: 2016.11.30 13:55:58 -0800

Date: 11-30 2016 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	na	rumble plates are deployed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	if inactive covered
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	No off-site trucking of bulk soil to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

* 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 Huntington Beach Energy Project, LNTF
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@huntingtonbeach.com, c=US
Date: 2016.11.30 12:50:19 -0800

Date: 11-30 2016 Wednesday

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 HBEP 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 HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP 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:

AQ-SC6 Construction Particulate Matter Mitigation Plan

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Street sweeping was completed by Nationwide Environmental Services on November 26, 2016 between the hours of 12:00 AM and 3:00 AM. TYMCO Model 600 AIR CNG fueled sweeper completed the sweeping along the route outlined in the Construction Particulate Matter Mitigation Plan.

Table 3-1. CPMMP Roadway Miles and Estimated Particulate Matter Reductions

Street Name	Roadway Miles	Estimated PM ₁₀ Reductions (lb/day)	Estimated PM _{2.5} Reductions (lb/day)
Newland Street	0.15	0.11	0.03
Brookhurst Street	1.50	3.22	0.80
Hamilton Avenue	1.50	1.52	0.38
Adams Avenue	2.00	4.05	1.01
Total	5.15	8.90	2.23
COC AQ-SC6 Requirement		8.26	0.79

Sweeping will be completed monthly on the 4th Saturday of the month using TYMCO Model 600 AIR SCAQMD Certified SCAQMD Certified (Rule 1186-PM 10 & 1186.1 Alt. Fuel) CNG alternative fueled street sweepers.

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/25/2016

11:56:29 PM	LOC	ON	66mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:57:05 PM	LOC	ON	64mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:57:41 PM	LOC	ON	50mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
11:58:17 PM	LOC	ON		Center Ave & Beach Blvd Huntington Beach CA 92647
11:58:53 PM	LOC	ON	14mph S	Beach Blvd/CA-39 Huntington Beach CA 92647
11:59:29 PM	LOC	ON	4mph S	Beach Blvd/CA-39 Huntington Beach CA 92647

11/26/2016

12:00:05 AM	LOC	ON	29mph S	16305 Beach Blvd/CA-39 Huntington Beach CA 92647
12:00:41 AM	LOC	ON	42mph S	16735 Beach Blvd/CA-39 Huntington Beach CA 92647
12:01:17 AM	LOC	ON	43mph S	17153 Beach Blvd/CA-39 Huntington Beach CA 92647
12:01:53 AM	LOC	ON	8mph N	17485 Beach Blvd/CA-39 Huntington Beach CA 92647
12:02:29 AM	LOC	ON	21mph S	17545 Beach Blvd/CA-39 Huntington Beach CA 92647
12:03:05 AM	LOC	ON	34mph S	17919 Beach Blvd/CA-39 Huntington Beach CA 92647
12:03:41 AM	LOC	ON		17983 Beach Blvd/CA-39 Huntington Beach CA 92647
12:04:17 AM	LOC	ON	35mph S	18153 Beach Blvd/CA-39 Huntington Beach CA 92648
12:04:53 AM	LOC	ON	10mph S	18463 Beach Blvd/CA-39 Huntington Beach CA 92648
12:05:29 AM	LOC	ON	36mph S	18681 Beach Blvd/CA-39 Huntington Beach CA 92648
12:06:05 AM	LOC	ON	47mph S	19123 Beach Blvd/CA-39 Huntington Beach CA 92648
12:06:42 AM	LOC	ON	43mph S	19589 Beach Blvd/CA-39 Huntington Beach CA 92648
12:07:18 AM	LOC	ON	31mph S	19939 Beach Blvd/CA-39 Huntington Beach CA 92648
12:07:54 AM	LOC	ON	1mph N	19991 Beach Blvd/CA-39 Huntington Beach CA 92648
12:08:30 AM	LOC	ON	41mph S	20287 Beach Blvd/CA-39 Huntington Beach CA 92648

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

12:09:06 AM	LOC	ON	44mph S	20839 Beach Blvd/CA-39 Huntington Beach CA 92648
12:09:42 AM	LOC	ON	19mph S	21015 Beach Blvd/CA-39 Huntington Beach CA 92648
12:10:18 AM	LOC	ON	44mph S	21311 Beach Blvd/CA-39 Huntington Beach CA 92648
12:10:54 AM	LOC	ON	35mph SE	21665 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92648
12:11:30 AM	LOC	ON	10mph N	21797 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92648
12:11:48 AM	INB	WO	5mph N	21888 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 WATER ON
12:12:06 AM	LOC	WO	4mph N	21860 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
12:12:34 AM	INB	WF	5mph NE	21804 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER OFF
12:12:34 AM	STOP	WO	5mph NE	21804 Newland St & Biscayne Dr Huntington Beach CA 92646
12:12:42 AM	LOC	WF	4mph NE	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:13:18 AM	LOC	WF		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:13:54 AM	LOC	WF		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:14:05 AM	INB	WO		21790 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER ON
12:14:30 AM	LOC	WO	2mph NE	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:15:06 AM	LOC	WO	3mph NE	21836 Newland St & Biscayne Dr Huntington Beach CA 92646
12:15:42 AM	LOC	WO	2mph NE	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:16:18 AM	LOC	WO	4mph NE	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:16:54 AM	LOC	WO	4mph NE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

12:17:30 AM	LOC	WO	3mph NE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:18:06 AM	LOC	WO	1mph NE	21940 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:18:42 AM	LOC	WO		21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:19:18 AM	LOC	WO	3mph NE	21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:19:54 AM	LOC	WO	1mph NE	21942 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:20:30 AM	LOC	WO	1mph NE	21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:21:06 AM	LOC	WO	2mph NE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:21:42 AM	LOC	WO	1mph NE	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:22:18 AM	LOC	WO	3mph NE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:22:54 AM	LOC	WO	3mph NE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:23:30 AM	LOC	WO	1mph NE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:24:06 AM	LOC	WO	3mph NE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:24:42 AM	LOC	WO	2mph NE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:25:19 AM	LOC	WO	4mph NE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:25:55 AM	LOC	WO	5mph NE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:26:31 AM	LOC	WO	4mph NE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:27:07 AM	LOC	WO	4mph NE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:27:21 AM	STOP	WO	5mph NW	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:27:43 AM	LOC	WO	3mph NW	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:28:19 AM	LOC	WO	2mph NW	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

12:28:55 AM	LOC	WO	3mph NW	21826 Newland St & Biscayne Dr Huntington Beach CA 92646
12:29:31 AM	LOC	WO	3mph NW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:30:07 AM	LOC	WO	3mph NW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:30:43 AM	LOC	WO	2mph NW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:31:19 AM	LOC	WO	3mph NW	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:31:55 AM	LOC	WO	2mph NW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:32:31 AM	LOC	WO	4mph NW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:33:07 AM	LOC	WO	2mph NW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:33:43 AM	LOC	WO	2mph NW	21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:34:19 AM	LOC	WO	2mph NW	21842 Newland St & Biscayne Dr Huntington Beach CA 92646
12:34:55 AM	LOC	WO	3mph NW	21800 Newland St & Biscayne Dr Huntington Beach CA 92646
12:35:31 AM	LOC	WO	3mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:36:07 AM	LOC	WO	4mph NW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:36:43 AM	LOC	WO	3mph NW	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:37:19 AM	LOC	WO	2mph NW	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:37:55 AM	LOC	WO	3mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:38:31 AM	LOC	WO	4mph NW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:07 AM	LOC	WO	3mph NW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:43 AM	LOC	WO	5mph NW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
12:40:19 AM	LOC	WO	4mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

12:40:55 AM	LOC	WO	4mph NW	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:41:31 AM	LOC	WO		21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:42:07 AM	LOC	WO	3mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
12:42:43 AM	LOC	WO	1mph NW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:43:19 AM	LOC	WO	2mph NW	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:43:55 AM	LOC	WO	4mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
12:44:31 AM	LOC	WO	4mph NW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
12:45:07 AM	LOC	WO	4mph NW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
12:45:43 AM	LOC	WO	5mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:46:19 AM	LOC	WO	4mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:46:55 AM	LOC	WO	5mph NW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
12:47:31 AM	LOC	WO	4mph NW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:47:54 AM	STOP	WO	5mph SW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
12:48:07 AM	LOC	WO	3mph SW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:48:43 AM	LOC	WO	2mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:49:19 AM	LOC	WO	1mph SW	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:49:55 AM	LOC	WO	2mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:50:31 AM	LOC	WO	2mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:51:07 AM	LOC	WO	3mph SW	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:51:43 AM	LOC	WO	4mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

12:52:19 AM	LOC	WO	2mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:52:55 AM	LOC	WO	3mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:53:31 AM	LOC	WO	1mph SW	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:54:07 AM	LOC	WO	3mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:54:43 AM	LOC	WO	4mph SW	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:55:19 AM	LOC	WO	2mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:55:55 AM	LOC	WO	2mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:56:31 AM	LOC	WO	3mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:57:07 AM	LOC	WO	1mph SW	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:57:43 AM	LOC	WO	2mph SW	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:58:19 AM	LOC	WO		21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:58:55 AM	LOC	WO	3mph SW	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:59:31 AM	LOC	WO	3mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:00:07 AM	LOC	WO	4mph SW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:00:43 AM	LOC	WO	2mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:01:19 AM	LOC	WO	2mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:01:55 AM	LOC	WO	4mph SW	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:02:31 AM	LOC	WO	3mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:03:07 AM	LOC	WO	4mph SW	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:03:43 AM	LOC	WO	4mph SW	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

1:04:19 AM	LOC	WO	3mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:04:55 AM	LOC	WO		21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:05:31 AM	LOC	WO		21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:06:07 AM	LOC	WO	3mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:43 AM	LOC	WO	3mph SW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:07:19 AM	LOC	WO	3mph SW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:07:55 AM	LOC	WO	2mph SW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:08:31 AM	LOC	WO	2mph SW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:09:07 AM	LOC	WO	1mph SW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:09:43 AM	LOC	WO	1mph SW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:10:19 AM	LOC	WO	2mph SW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:10:35 AM	STOP	WO	5mph SE	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:10:55 AM	LOC	WO	4mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:11:31 AM	LOC	WO	4mph SE	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:12:07 AM	LOC	WO	4mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:12:43 AM	LOC	WO	2mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:13:19 AM	LOC	WO	3mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:13:55 AM	LOC	WO	2mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:14:28 AM	STOP	WO	5mph W	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:14:31 AM	LOC	WO	5mph W	21778 Newland St & Biscayne Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

1:15:07 AM	LOC	WO	4mph W	21778 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:15:43 AM	LOC	WO	5mph W	21784 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:16:19 AM	LOC	WO	4mph W	21778 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:16:55 AM	LOC	WO	1mph W	21776 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:17:31 AM	LOC	WO	2mph N	21784 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:18:07 AM	LOC	WO	2mph N	21784 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:18:43 AM	LOC	WO		21784 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:19:19 AM	LOC	WO	1mph N	21784 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:19:55 AM	LOC	WO	2mph N	21772 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:20:31 AM	LOC	WO	2mph N	21772 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:21:07 AM	LOC	WO	1mph N	21766 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:21:43 AM	LOC	WO	1mph N	21754 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:22:19 AM	LOC	WO	1mph N	21758 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:22:55 AM	LOC	WO		21766 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:23:31 AM	LOC	WO	1mph N	21762 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:24:07 AM	LOC	WO	2mph N	21762 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:24:43 AM	LOC	WO	3mph N	21762 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:25:19 AM	LOC	WO		21752 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:25:55 AM	LOC	WO	2mph N	21754 Newland St & Biscayne Dr CA 92646	Huntington Beach
1:26:31 AM	LOC	WO	4mph N	21772 Newland St & Biscayne Dr CA 92646	Huntington Beach

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

1:27:07 AM	LOC	WO	4mph N	21806 Newland St & Biscayne Dr Huntington Beach CA 92646
1:27:43 AM	LOC	WO	4mph N	21844 Newland St & Biscayne Dr Huntington Beach CA 92646
1:28:19 AM	LOC	WO		21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:28:55 AM	LOC	WO	1mph N	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:29:31 AM	LOC	WO	3mph N	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:30:07 AM	LOC	WO		21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:30:43 AM	LOC	WO	2mph N	21822 Newland St & Biscayne Dr Huntington Beach CA 92646
1:31:19 AM	LOC	WO	2mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:31:55 AM	LOC	WO	5mph N	21814 Newland St & Biscayne Dr Huntington Beach CA 92646
1:32:31 AM	LOC	WO	4mph N	21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:33:07 AM	LOC	WO	4mph N	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:33:43 AM	LOC	WO	4mph N	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:34:19 AM	LOC	WO	3mph N	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:34:55 AM	LOC	WO	2mph N	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:35:31 AM	LOC	WO	4mph N	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:36:07 AM	LOC	WO	4mph N	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:36:43 AM	LOC	WO	3mph N	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:36:50 AM	INB	WF	1mph N	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
				WATER OFF
1:37:19 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type **Status** **Heading** **Location / Message**

VEHICLE NAME: 244

11/26/2016

1:37:55 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:38:31 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:39:07 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:39:43 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:40:19 AM	LOC	WF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:40:35 AM	INB	WO		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
WATER ON				
1:40:55 AM	LOC	WO	3mph N	21846 Newland St & Biscayne Dr Huntington Beach CA 92646
1:41:31 AM	LOC	WO	2mph N	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:41:42 AM	INB	WF	3mph N	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
WATER OFF				
1:42:07 AM	LOC	WF	5mph N	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:42:26 AM	STOP	WF	5mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:42:43 AM	LOC	WF	5mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:43:19 AM	LOC	WF	4mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:43:55 AM	LOC	WF	3mph SE	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:44:32 AM	LOC	WF	3mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:45:08 AM	LOC	WF	4mph SE	21802 Newland St & Biscayne Dr Huntington Beach CA 92646
1:45:44 AM	LOC	WF	3mph SE	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:46:20 AM	LOC	WF	2mph SE	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:46:56 AM	LOC	WF	1mph SE	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 244				
11/26/2016				
1:47:32 AM	LOC	WF	1mph SE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:48:08 AM	LOC	WF	3mph SE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:48:44 AM	LOC	WF	3mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:49:20 AM	LOC	WF	3mph SE	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:49:56 AM	LOC	WF	3mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:50:32 AM	LOC	WF	1mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:51:08 AM	LOC	WF	1mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:51:44 AM	LOC	WF	1mph SE	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:52:20 AM	LOC	WF	2mph SE	21766 Newland St & Biscayne Dr Huntington Beach CA 92646
1:52:56 AM	LOC	WF	2mph SE	21754 Newland St & Biscayne Dr Huntington Beach CA 92646
1:53:32 AM	LOC	WF	3mph SE	21766 Newland St & Biscayne Dr Huntington Beach CA 92646
1:54:08 AM	LOC	WF	2mph SE	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:54:44 AM	LOC	WF	1mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:55:20 AM	LOC	WF	1mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:55:29 AM	INB	WO	1mph SE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER ON
1:55:56 AM	LOC	WO	2mph SE	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:56:32 AM	LOC	WO	3mph SE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:57:08 AM	LOC	WO	3mph N	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:57:44 AM	LOC	WO	1mph N	21796 Newland St & Biscayne Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

1:58:20 AM	LOC	WO	1mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:58:56 AM	LOC	WO	2mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:59:32 AM	LOC	WO	2mph N	21808 Newland St & Biscayne Dr Huntington Beach CA 92646
2:00:08 AM	LOC	WO	2mph N	21842 Newland St & Biscayne Dr Huntington Beach CA 92646
2:00:44 AM	LOC	WO	2mph N	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:00:55 AM	INB	WF	2mph N	21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
WATER OFF				
2:01:20 AM	LOC	WF	2mph N	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:01:56 AM	LOC	WF	2mph N	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:02:32 AM	LOC	WF	2mph N	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:03:08 AM	LOC	WF	2mph N	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:03:44 AM	LOC	WF	1mph N	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:04:20 AM	LOC	WF	2mph N	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:04:56 AM	LOC	WF	2mph N	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:05:32 AM	LOC	WF	2mph N	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
2:06:08 AM	LOC	WF	2mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
2:06:44 AM	LOC	WF	2mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
2:07:20 AM	LOC	WF	3mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
2:07:56 AM	LOC	WF	9mph SW	21819 Newland St & Biscayne Dr Huntington Beach CA 92646
2:08:32 AM	LOC	WF	3mph SW	21790 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

2:09:08 AM	LOC	WF	23mph NW	21716 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:09:44 AM	LOC	WF	23mph NW	21612 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:10:20 AM	LOC	WF	24mph N	21348 Beach Blvd/CA-39 Huntington Beach CA 92648
2:10:56 AM	LOC	WF	27mph N	21308 Beach Blvd/CA-39 Huntington Beach CA 92648
2:11:32 AM	LOC	WF	26mph N	20934 Beach Blvd/CA-39 Huntington Beach CA 92648
2:12:08 AM	LOC	WF	26mph N	20560 Beach Blvd/CA-39 Huntington Beach CA 92648
2:12:44 AM	LOC	WF	27mph N	20356 Beach Blvd/CA-39 Huntington Beach CA 92648
2:13:20 AM	LOC	WF	18mph N	20102 Beach Blvd/CA-39 Huntington Beach CA 92648
2:13:56 AM	LOC	WF	25mph N	19918 Beach Blvd/CA-39 Huntington Beach CA 92648
2:14:32 AM	LOC	WF	28mph N	19638 Beach Blvd/CA-39 Huntington Beach CA 92648
2:15:08 AM	LOC	WF	14mph N	19470 Beach Blvd/CA-39 Huntington Beach CA 92648
2:15:44 AM	LOC	WF	29mph N	19184 Beach Blvd/CA-39 Huntington Beach CA 92648
2:16:20 AM	LOC	WF	23mph N	18936 Beach Blvd/CA-39 Huntington Beach CA 92648
2:16:56 AM	LOC	WF	29mph N	18640 Beach Blvd/CA-39 Huntington Beach CA 92648
2:17:32 AM	LOC	WF	31mph N	18336 Beach Blvd/CA-39 Huntington Beach CA 92648
2:18:08 AM	LOC	WF	29mph N	18024 Beach Blvd/CA-39 Huntington Beach CA 92648
2:18:44 AM	LOC	WF	12mph N	17756 Beach Blvd/CA-39 Huntington Beach CA 92647
2:19:20 AM	LOC	WF	26mph N	17662 Beach Blvd/CA-39 Huntington Beach CA 92647
2:19:56 AM	LOC	WF	33mph N	17284 Beach Blvd/CA-39 Huntington Beach CA 92647
2:20:32 AM	LOC	WF	32mph N	16994 Beach Blvd/CA-39 Huntington Beach CA 92647

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 244

11/26/2016

2:21:09 AM	LOC	WF	42mph N	16560 Beach Blvd/CA-39 Huntington Beach CA 92647
2:21:45 AM	LOC	WF	31mph N	8000 Stark Dr & Beach Blvd Huntington Beach CA 92647
2:22:21 AM	LOC	WF	14mph N	Beach Blvd/CA-39 Westminster CA 92683
2:22:57 AM	LOC	WF	18mph E	Beach Blvd/CA-39 Westminster CA 92683
2:23:33 AM	LOC	WF	35mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
2:24:09 AM	LOC	WF	50mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
2:24:45 AM	LOC	WF	58mph NW	EXIT 18 Westminster CA 92683
2:25:21 AM	LOC	WF	54mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:25:57 AM	LOC	WF	60mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:26:33 AM	LOC	WF	57mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:27:09 AM	LOC	WF	59mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:27:45 AM	LOC	WF	56mph W	San Diego Fwy/I-405 Garden Grove CA 92845
2:28:21 AM	LOC	WF	60mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:28:57 AM	LOC	WF	62mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:29:33 AM	LOC	WF	58mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:30:09 AM	LOC	WF	55mph W	EXIT 23 Seal Beach CA 90740
2:30:45 AM	LOC	WF	51mph N	San Diego Fwy/I-405 Seal Beach CA 90740
2:31:21 AM	LOC	WF	51mph N	EXIT 24 Los Alamitos CA 90720
2:31:57 AM	LOC	WF	60mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
2:32:33 AM	LOC	WF	56mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
2:33:09 AM	LOC	WF	14mph N	San Gabriel River Fwy/I-605 Long Beach CA 90815
2:33:15 AM	STOP	WF	5mph N	San Gabriel River Fwy/I-605 Long Beach CA 90815
2:33:45 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815
2:34:21 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815
2:34:57 AM	LOC	WF	1mph N	San Gabriel River Fwy/I-605 Long Beach CA 90815
2:35:33 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815
2:36:09 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815
2:36:45 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815
2:37:21 AM	LOC	WF		San Gabriel River Fwy/I-605 Long Beach CA 90815

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/25/2016

11:52:57 PM	LOC	BF	58mph S	EXIT 24 Los Alamitos CA 90720
11:53:33 PM	LOC	BF	57mph S	EXIT 2 Seal Beach CA 90740
11:54:09 PM	LOC	BF	57mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
11:54:45 PM	LOC	BF	59mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
11:55:21 PM	LOC	BF	59mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
11:55:57 PM	LOC	BF	59mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
11:56:33 PM	LOC	BF	56mph E	San Diego Fwy/I-405 Garden Grove CA 92845
11:57:09 PM	LOC	BF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:57:45 PM	LOC	BF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:58:21 PM	LOC	BF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:58:57 PM	LOC	BF	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
11:59:33 PM	LOC	BF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683

11/26/2016

12:00:09 AM	LOC	BF	55mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:00:45 AM	LOC	BF	52mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:01:21 AM	LOC	BF	55mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:01:57 AM	LOC	BF	49mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:02:33 AM	LOC	BF	19mph E	Magnolia St & I-405 (S) Huntington Beach CA 92647
12:03:09 AM	LOC	BF	29mph S	16911 Magnolia St & Riverbend Dr Huntington Beach CA 92647
12:03:45 AM	LOC	BF	29mph S	17325 Magnolia St & La Paloma Ave Fountain Valley CA 92708
12:04:21 AM	LOC	BF	14mph S	17497 Magnolia St & Slater Ave Fountain Valley CA 92708
12:04:57 AM	LOC	BF	33mph W	8599 Slater Ave & Santa Lucia St Fountain Valley CA 92708
12:05:33 AM	LOC	BF	14mph S	17531 Newland St & Slater Ave Huntington Beach CA 92647
12:06:09 AM	LOC	BF	33mph S	17821 Newland St & Rock Fish Cir Huntington Beach CA 92647
12:06:45 AM	LOC	BF		17895 Newland St & Talbert Ave Huntington Beach CA 92647
12:07:21 AM	LOC	BF		17899 Newland St & Talbert Ave Huntington Beach CA 92647

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
11/26/2016				
12:07:57 AM	LOC	BF	24mph S	18253 Newland St & Springhurst Dr Huntington Beach CA 92646
12:08:33 AM	LOC	BF		18363 Newland St & Trinity River Cir Huntington Beach CA 92646
12:09:09 AM	LOC	BF	3mph N	18375 Newland St & Trinity River Cir Huntington Beach CA 92646
12:09:45 AM	LOC	BF	43mph S	18671 Newland St & Modale Dr Huntington Beach CA 92646
12:10:21 AM	LOC	BF	37mph S	19147 Newland St & Milford Cir Huntington Beach CA 92646
12:10:57 AM	LOC	BF	19mph S	19299 Newland St & Yorktown Ave Huntington Beach CA 92646
12:11:33 AM	LOC	BF	41mph S	20301 Newland St & Doremere Dr Huntington Beach CA 92646
12:12:09 AM	LOC	BF	23mph S	20301 Newland St & Adams Ave Huntington Beach CA 92646
12:12:45 AM	LOC	BF	39mph S	20449 Newland St & Indianapolis Ave Huntington Beach CA 92646
12:13:21 AM	LOC	BF	40mph S	Newland St & Puerto Dr Huntington Beach CA 92646
12:13:57 AM	LOC	BF	40mph S	21199 Newland St & Mariners Cove Dr Huntington Beach CA 92646
12:14:33 AM	LOC	BF	29mph S	21591 Newland St & Hamilton Ave Huntington Beach CA 92646
12:15:09 AM	LOC	BF	16mph E	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:15:32 AM	STOP	BO	4mph N	21762 Newland St & Biscayne Dr Huntington Beach CA 92646
12:15:45 AM	LOC	BF		21758 Newland St & Biscayne Dr Huntington Beach CA 92646
12:15:50 AM	INB	BO		21758 Newland St & Biscayne Dr Huntington Beach CA 92646
BROOMS ON				
12:16:21 AM	LOC	BO	4mph N	21750 Newland St & Edison Dr Huntington Beach CA 92646
12:16:55 AM	INB	BF	3mph N	21716 Newland St & Edison Dr Huntington Beach CA 92646
BROOMS OFF				
12:16:57 AM	LOC	BF	2mph N	21716 Newland St & Edison Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
11/26/2016				
12:17:07 AM	INB	BO		21716 Newland St & Edison Dr Huntington Beach CA 92646
BROOMS ON				
12:17:33 AM	LOC	BO	4mph N	8501 Edison Dr & Newland St Huntington Beach CA 92646
12:18:09 AM	LOC	BO	4mph N	21606 Newland St & Edison Dr Huntington Beach CA 92646
12:18:45 AM	LOC	BO	4mph N	21548 Newland St & Hamilton Ave Huntington Beach CA 92646
12:19:20 AM	INB	BF	8mph E	8522 Hamilton Ave & Newland St Huntington Beach CA 92646
BROOMS OFF				
12:19:21 AM	LOC	BO	9mph E	8528 Hamilton Ave & Newland St Huntington Beach CA 92646
12:19:56 AM	INB	BO	13mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
BROOMS ON				
12:19:57 AM	LOC	BF	13mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
12:20:33 AM	LOC	BO	4mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
12:21:09 AM	LOC	BO	5mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
12:21:45 AM	LOC	BO	6mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
12:22:21 AM	LOC	BO	6mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
12:22:23 AM	STOP	BO	5mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
12:22:57 AM	LOC	BO	2mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
12:23:33 AM	LOC	BO	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
12:24:09 AM	LOC	BO	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
12:24:45 AM	LOC	BO	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
12:25:21 AM	LOC	BO	4mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

12:25:57 AM	LOC	BO	4mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
12:26:33 AM	LOC	BO	4mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
12:27:09 AM	LOC	BO	4mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
12:27:45 AM	LOC	BO		Hamilton Ave & Bushard St Huntington Beach CA 92646
12:28:21 AM	LOC	BO	4mph E	21701 Bushard St & Hamilton Ave Huntington Beach CA 92646
12:28:57 AM	LOC	BO	5mph E	9560 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
12:29:22 AM	INB	BF	5mph E	9602 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646 BROOMS OFF
12:29:33 AM	LOC	BF	12mph E	9644 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
12:29:38 AM	INB	BO	17mph E	9676 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 BROOMS ON
12:30:09 AM	LOC	BO	3mph E	9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
12:30:45 AM	LOC	BO	5mph E	9802 Hamilton Ave & St John Ln Huntington Beach CA 92646
12:31:17 AM	INB	BF	4mph E	9828 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS OFF
12:31:21 AM	LOC	BF	6mph E	9836 Hamilton Ave & St John Ln Huntington Beach CA 92646
12:31:28 AM	INB	BO	12mph E	9856 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS ON
12:31:57 AM	LOC	BO	4mph E	9930 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
12:32:20 AM	STOP	BF	5mph E	9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
12:32:33 AM	LOC	BO	3mph E	9990 Hamilton Ave & Brookhurst St Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

12:32:39 AM	INB	BF	2mph E	9994 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
BROOMS OFF					
12:33:09 AM	LOC	BF		9994 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
12:33:45 AM	LOC	BF		9994 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
12:33:53 AM	INB	BO		9994 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
BROOMS ON					
12:34:01 AM	INB	BF		9996 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
BROOMS OFF					
12:34:21 AM	LOC	BF		21503 Brookhurst St & Hamilton Ave Beach CA 92646	Huntington
12:34:35 AM	INB	BO		9996 Hamilton Ave & Brookhurst St Beach CA 92646	Huntington
BROOMS ON					
12:34:57 AM	LOC	BO	8mph N	21492 Brookhurst St & Hamilton Ave Beach CA 92646	Huntington
12:35:00 AM	STOP	BO	5mph N	21490 Brookhurst St & Hamilton Ave Beach CA 92646	Huntington
12:35:33 AM	LOC	BO	4mph N	21440 Brookhurst St & Hamilton Ave Beach CA 92646	Huntington
12:36:09 AM	LOC	BO	3mph N	21390 Brookhurst St & Villa Pacific Dr Beach CA 92646	Huntington
12:36:45 AM	LOC	BO	4mph N	21322 Brookhurst St & Villa Pacific Dr Beach CA 92646	Huntington
12:37:21 AM	LOC	BO	4mph N	21300 Brookhurst St & Effingham Dr Beach CA 92646	Huntington
12:37:57 AM	LOC	BO	4mph N	21188 Brookhurst St & Spar Cir 92646	Huntington Beach CA
12:38:33 AM	LOC	BO	6mph N	21130 Brookhurst St & Sprit Cir 92646	Huntington Beach CA
12:39:09 AM	LOC	BO	3mph N	21084 Brookhurst St & Dana Dr CA 92646	Huntington Beach
12:39:46 AM	LOC	BO	4mph N	21006 Brookhurst St & Atlanta Ave CA 92646	Huntington Beach

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

12:40:22 AM	LOC	BO	4mph N	20902 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
12:40:58 AM	LOC	BO	5mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
12:41:34 AM	LOC	BO	4mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
12:42:10 AM	LOC	BO	5mph N	10003 Cliff Dr & Brookhurst St Huntington Beach CA 92646
12:42:46 AM	LOC	BO	5mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
12:43:22 AM	LOC	BO	8mph N	20198 Brookhurst St & Hercules Dr Huntington Beach CA 92646
12:43:58 AM	LOC	BO	6mph N	20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
12:44:34 AM	LOC	BO		20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
12:45:10 AM	LOC	BO	4mph N	Brookhurst St & Crailet Dr Huntington Beach CA 92646
12:45:46 AM	LOC	BO	4mph N	Brookhurst St & Birchwood Dr Huntington Beach CA 92646
12:46:22 AM	LOC	BO	5mph N	Brookhurst St & Jon Day Dr Huntington Beach CA 92646
12:46:58 AM	LOC	BO	5mph N	Brookhurst St & Meredith Dr Huntington Beach CA 92646
12:47:34 AM	LOC	BO	5mph N	20138 Brookhurst St & Meredith Dr Huntington Beach CA 92646
12:48:10 AM	LOC	BO	5mph N	20072 Brookhurst St & Adams Ave Huntington Beach CA 92646
12:48:46 AM	LOC	BO	4mph N	20018 Brookhurst St & Adams Ave Huntington Beach CA 92646
12:49:12 AM	INB	BF	6mph N	19996 Brookhurst St & Adams Ave Huntington Beach CA 92646
BROOMS OFF				
12:49:22 AM	LOC	BF	10mph N	19956 Brookhurst St & Adams Ave Huntington Beach CA 92646
12:49:52 AM	INB	BO	16mph S	19983 Brookhurst St & Adams Ave Huntington Beach CA 92646
BROOMS ON				
12:49:58 AM	LOC	BO	9mph S	19999 Brookhurst St & Adams Ave Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
11/26/2016				
12:50:34 AM	LOC	BO	6mph W	9937 Adams Ave & Brookhurst St Huntington Beach CA 92646
12:51:10 AM	LOC	BO	6mph W	9867 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:51:46 AM	LOC	BO	3mph W	9789 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:52:22 AM	LOC	BO	5mph W	9741 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:52:38 AM	STOP	BO	5mph W	9701 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:52:58 AM	LOC	BO	5mph W	9657 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:53:34 AM	LOC	BO	4mph W	9585 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:54:10 AM	LOC	BO	5mph W	Sidcup Ln & Adams Ave Huntington Beach CA 92646
12:54:46 AM	LOC	BO	2mph W	19995 Bushard St & Adams Ave Huntington Beach CA 92646
12:55:22 AM	LOC	BO	3mph W	Adams Ave & Providence Ln Huntington Beach CA 92646
12:55:58 AM	LOC	BO	4mph W	Adams Ave & Gloucester Ln Huntington Beach CA 92646
12:56:35 AM	LOC	BO	3mph W	Adams Ave & Chesapeake Ln Huntington Beach CA 92646
12:57:11 AM	LOC	BO	3mph W	9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646
12:57:47 AM	LOC	BO	3mph W	9099 Adams Ave & Lotus Ln Huntington Beach CA 92646
12:58:23 AM	LOC	BO	4mph W	9161 Adams Ave & Shorewood Cir Huntington Beach CA 92646
12:58:59 AM	LOC	BO	4mph W	9101 Adams Ave & Shorewood Cir Huntington Beach CA 92646
12:59:35 AM	LOC	BO	4mph W	9045 Adams Ave & Magnolia St Huntington Beach CA 92646
1:00:11 AM	LOC	BO	5mph W	9009 Adams Ave & Magnolia St Huntington Beach CA 92646
1:00:47 AM	LOC	BO	4mph W	8969 Adams Ave & Magnolia St Huntington Beach CA 92646
1:01:23 AM	LOC	BO	4mph W	8925 Adams Ave & Isthmus Ln Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

1:01:59 AM	LOC	BO	4mph W	8877 Adams Ave & Isthmus Ln Huntington Beach CA 92646
1:02:35 AM	LOC	BO	6mph W	8831 Adams Ave & Estuary Ln Huntington Beach CA 92646
1:03:11 AM	LOC	BO	6mph W	19999 Felcliff Ln & Adams Ave Huntington Beach CA 92646
1:03:47 AM	LOC	BO	8mph W	8609 Adams Ave & Vintage Ln Huntington Beach CA 92646
1:04:23 AM	LOC	BO	6mph W	8511 Adams Ave & Newland St Huntington Beach CA 92646
1:04:43 AM	STOP	BO	5mph W	8483 Adams Ave & Newland St Huntington Beach CA 92646
1:04:59 AM	LOC	BO	4mph W	8443 Adams Ave & Newland St Huntington Beach CA 92646
1:05:35 AM	LOC	BO	4mph W	8379 Adams Ave & Newland St Huntington Beach CA 92646
1:06:11 AM	LOC	BO	3mph W	8325 Adams Ave & Rotherth Ln Huntington Beach CA 92646
1:06:47 AM	LOC	BO	4mph W	8225 Adams Ave & Rotherth Ln Huntington Beach CA 92646
1:07:23 AM	LOC	BO	3mph W	8177 Adams Ave & Rotherth Ln Huntington Beach CA 92646
1:07:59 AM	LOC	BO	3mph W	8137 Adams Ave & Coldwater Ln Huntington Beach CA 92646
1:08:35 AM	LOC	BO	3mph W	8099 Adams Ave & Coldwater Ln Huntington Beach CA 92646
1:09:11 AM	LOC	BO	4mph W	8073 Adams Ave & Coldwater Ln Huntington Beach CA 92646
1:09:47 AM	LOC	BO	2mph W	8041 Adams Ave & Beach Blvd Huntington Beach CA 92646
1:10:23 AM	LOC	BO	3mph W	Beach Blvd/CA-39 Huntington Beach CA 92648
1:10:32 AM	STOP	BO	5mph E	8006 Adams Ave & Beach Blvd Huntington Beach CA 92646
1:10:59 AM	LOC	BO	4mph E	8044 Adams Ave & Beach Blvd Huntington Beach CA 92646
1:11:35 AM	LOC	BO	4mph E	8084 Adams Ave & Coldwater Ln Huntington Beach CA 92646
1:12:11 AM	LOC	BO	1mph E	8106 Adams Ave & Coldwater Ln Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
11/26/2016				
1:12:47 AM	LOC	BO	2mph E	8134 Adams Ave & Coldwater Ln Huntington Beach CA 92646
1:13:23 AM	LOC	BO	4mph E	8172 Adams Ave & Rothert Ln Huntington Beach CA 92646
1:13:59 AM	LOC	BO	3mph E	8200 Adams Ave & Rothert Ln Huntington Beach CA 92646
1:14:36 AM	LOC	BO	3mph E	8272 Adams Ave & Rothert Ln Huntington Beach CA 92646
1:15:12 AM	LOC	BO	3mph E	8338 Adams Ave & Rothert Ln Huntington Beach CA 92646
1:15:48 AM	LOC	BO	3mph E	8406 Adams Ave & Newland St Huntington Beach CA 92646
1:16:24 AM	LOC	BO	3mph E	8464 Adams Ave & Newland St Huntington Beach CA 92646
1:16:41 AM	INB	BF	1mph E	8490 Adams Ave & Newland St Huntington Beach CA 92646
				BROOMS OFF
1:16:50 AM	INB	BO		8490 Adams Ave & Newland St Huntington Beach CA 92646
				BROOMS ON
1:17:00 AM	LOC	BO	3mph E	20301 Newland St & Adams Ave Huntington Beach CA 92646
1:17:36 AM	LOC	BO	4mph E	8552 Adams Ave & Vintage Ln Huntington Beach CA 92646
1:18:12 AM	LOC	BO	4mph E	8616 Adams Ave & Vintage Ln Huntington Beach CA 92646
1:18:48 AM	LOC	BO	5mph E	8700 Adams Ave & Crown Reef Ln Huntington Beach CA 92646
1:19:24 AM	LOC	BO	4mph E	8900 Adams Ave & Crown Reef Ln Huntington Beach CA 92646
1:20:00 AM	LOC	BO	4mph E	8902 Adams Ave & Tranquil Ln Huntington Beach CA 92646
1:20:36 AM	LOC	BO	4mph E	8928 Adams Ave & Mayport Ln Huntington Beach CA 92646
1:21:12 AM	LOC	BO	3mph E	8952 Adams Ave & Mayport Ln Huntington Beach CA 92646
1:21:48 AM	LOC	BO	4mph E	8978 Adams Ave & Magnolia St Huntington Beach CA 92646
1:22:24 AM	LOC	BO	9mph E	9010 Adams Ave & Magnolia St Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

1:23:00 AM	LOC	BO	4mph E	9088 Adams Ave & Magnolia St Huntington Beach CA 92646
1:23:20 AM	STOP	BO	5mph E	9142 Adams Ave & Shorewood Cir Huntington Beach CA 92646
1:23:36 AM	LOC	BO	5mph E	9180 Adams Ave & Shorewood Cir Huntington Beach CA 92646
1:24:12 AM	LOC	BO	4mph E	9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646
1:24:48 AM	LOC	BO	4mph E	9500 Adams Ave & Marina Ln Huntington Beach CA 92646
1:25:24 AM	LOC	BO	4mph E	Adams Ave & Cove Cir Huntington Beach CA 92646
1:26:00 AM	LOC	BO	3mph E	20001 Moontide Cir & Adams Ave Huntington Beach CA 92646
1:26:36 AM	LOC	BO	5mph E	Adams Ave & Port Cir Huntington Beach CA 92646
1:26:49 AM	STOP	BO	5mph E	Adams Ave & Bushard St Huntington Beach CA 92646
1:27:12 AM	LOC	BO	5mph E	9504 Adams Ave & Bushard St Huntington Beach CA 92646
1:27:48 AM	LOC	BO	4mph E	9542 Adams Ave & Sidcup Ln Huntington Beach CA 92646
1:28:24 AM	LOC	BO	4mph E	9580 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
1:29:00 AM	LOC	BO	3mph E	9626 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
1:29:36 AM	LOC	BO	3mph E	9712 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:30:12 AM	LOC	BO	3mph E	9798 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:30:49 AM	LOC	BO	4mph E	9852 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:31:25 AM	LOC	BO	4mph E	9906 Adams Ave & Brookhurst St Huntington Beach CA 92646
1:32:01 AM	LOC	BO	4mph E	9962 Adams Ave & Brookhurst St Huntington Beach CA 92646
1:32:37 AM	LOC	BO	2mph E	9990 Adams Ave & Brookhurst St Huntington Beach CA 92646
1:33:13 AM	LOC	BO	8mph S	20061 Brookhurst St & Adams Ave Huntington Beach CA 92646
1:33:49 AM	LOC	BO	6mph S	20131 Brookhurst St & Meredith Dr Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

1:34:25 AM	LOC	BO	4mph S	20199 Brookhurst St & Meredith Dr Huntington Beach CA 92646
1:35:01 AM	LOC	BO	6mph S	20199 Brookhurst St & Peck Dr Huntington Beach CA 92646
1:35:37 AM	LOC	BO	3mph S	20199 Brookhurst St & Birchwood Dr Huntington Beach CA 92646
1:36:13 AM	LOC	BO	4mph S	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
1:36:49 AM	LOC	BO	6mph S	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:37:25 AM	LOC	BO	3mph S	20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646
1:38:01 AM	LOC	BO	5mph S	20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646
1:38:37 AM	LOC	BO	8mph S	20801 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
1:39:14 AM	LOC	BO	8mph S	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
1:39:50 AM	LOC	BO	9mph S	20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
1:40:26 AM	LOC	BO	8mph S	20919 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:41:00 AM	STOP	BF	5mph S	21019 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:41:02 AM	LOC	BO	4mph S	21023 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:41:38 AM	LOC	BO	3mph S	21093 Brookhurst St & Dana Dr Huntington Beach CA 92646
1:42:14 AM	LOC	BO	1mph S	21119 Brookhurst St & Sprit Cir Huntington Beach CA 92646
1:42:20 AM	INB	BF		21119 Brookhurst St & Sprit Cir Huntington Beach CA 92646
				BROOMS OFF
1:42:50 AM	LOC	BF		21125 Brookhurst St & Sprit Cir Huntington Beach CA 92646
1:43:26 AM	LOC	BF		21123 Brookhurst St & Sprit Cir Huntington Beach CA 92646
1:44:02 AM	LOC	BF	17mph N	21016 Brookhurst St & Atlanta Ave Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
11/26/2016				
1:44:12 AM	INB	BO	8mph S	21011 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
BROOMS ON				
1:44:12 AM	STCH	BO	8mph S	21011 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:44:15 AM	STOP	BO	5mph S	21015 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:44:38 AM	LOC	BO	4mph S	21047 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:45:14 AM	LOC	BO	2mph S	21099 Brookhurst St & Dana Dr Huntington Beach CA 92646
1:45:50 AM	LOC	BO	2mph S	21129 Brookhurst St & Sprit Cir Huntington Beach CA 92646
1:46:26 AM	LOC	BO	3mph S	21161 Brookhurst St & Spar Cir Huntington Beach CA 92646
1:47:02 AM	LOC	BO	5mph S	9998 Effingham Dr & Brookhurst St Huntington Beach CA 92646
1:47:38 AM	LOC	BO	4mph S	21301 Brookhurst St & Effingham Dr Huntington Beach CA 92646
1:48:14 AM	LOC	BO	3mph S	21379 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
1:48:50 AM	LOC	BO	4mph S	21429 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
1:49:26 AM	LOC	BO	6mph S	21481 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
1:50:02 AM	LOC	BO	4mph S	9959 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
1:50:38 AM	LOC	BO	11mph W	9875 Hamilton Ave & St John Ln Huntington Beach CA 92646
1:51:14 AM	LOC	BO	3mph W	9801 Hamilton Ave & St John Ln Huntington Beach CA 92646
1:51:50 AM	LOC	BO	4mph W	21498 Via Straits Ln & Hamilton Ave Huntington Beach CA 92646
1:52:26 AM	LOC	BO	12mph W	9623 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
1:53:02 AM	LOC	BO	5mph W	9565 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
1:53:38 AM	LOC	BO	4mph W	21701 Bushard St & Hamilton Ave Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type **Status** **Heading** **Location / Message**

VEHICLE NAME: 240

11/26/2016

1:54:14 AM	LOC	BO	3mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646
1:54:50 AM	LOC	BO	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:55:26 AM	LOC	BO	4mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:56:02 AM	LOC	BO	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:56:38 AM	LOC	BO	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:57:14 AM	LOC	BO	8mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:57:50 AM	LOC	BO	5mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:58:26 AM	LOC	BO	5mph W	Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:59:02 AM	LOC	BO	3mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:59:38 AM	LOC	BO	3mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:00:14 AM	LOC	BO	5mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:00:50 AM	LOC	BO	6mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:01:26 AM	LOC	BO	5mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:02:02 AM	LOC	BO	6mph W	8607 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646
2:02:38 AM	LOC	BO	8mph W	8547 Hamilton Ave & Newland St Huntington Beach CA 92646
2:03:14 AM	LOC	BO	2mph W	21498 Newland St & Hamilton Ave Huntington Beach CA 92646
2:03:50 AM	LOC	BO	10mph S	21631 Newland St & Edison Dr Huntington Beach CA 92646
2:04:26 AM	LOC	BO	11mph S	21738 Newland St & Edison Dr Huntington Beach CA 92646
2:05:02 AM	LOC	BO	5mph SW	21791 Newland St & Biscayne Dr Huntington Beach CA 92646
2:05:38 AM	LOC	BO	8mph SW	21865 Newland St & Pacific Coast Hwy Huntington Beach CA 92646

Detailed

For 11/25/2016 11:00 PM through 11/27/2016 04:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

11/26/2016

2:06:04 AM	INB	BF	6mph NE	21872 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 BROOMS OFF
2:06:14 AM	LOC	BF		21868 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
2:06:50 AM	LOC	BF		21860 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
2:07:26 AM	LOC	BF		21860 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
2:08:02 AM	LOC	BF	14mph NE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
2:08:38 AM	LOC	BF	26mph N	21546 Newland St & Hamilton Ave Huntington Beach CA 92646
2:09:14 AM	LOC	BF	25mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:09:50 AM	LOC	BF	24mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:10:26 AM	LOC	BF	31mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:11:02 AM	LOC	BF	28mph E	9500 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:11:38 AM	LOC	BF	29mph E	9822 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:12:14 AM	LOC	BF	1mph N	9998 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:12:50 AM	LOC	BF	26mph E	1279 Victoria St & Hamilton Ave Costa Mesa CA 92627
2:13:26 AM	LOC	BF	27mph E	1115 Victoria St & Valley Rd Costa Mesa CA 92627
2:14:02 AM	LOC	BF	31mph E	995 Victoria St & Union Ave Costa Mesa CA 92627
2:14:38 AM	LOC	BF	31mph E	Victoria St & Continental Ave Costa Mesa CA 92627
2:15:14 AM	LOC	BF	28mph E	741 Victoria St & Pomona Ave Costa Mesa CA 92627
2:15:50 AM	LOC	BF	31mph E	621 Victoria St & San Michel Dr S Costa Mesa CA 92627
2:16:26 AM	LOC	BF	16mph E	511 Victoria St & Harbor Blvd Costa Mesa CA 92627
2:17:02 AM	LOC	BF	16mph E	475 Victoria St & Harbor Blvd Costa Mesa CA 92627
2:17:38 AM	LOC	BF	35mph E	301 Victoria St & Doctors Cir Costa Mesa CA 92627
2:18:14 AM	LOC	BF	11mph SE	Victoria St & CA-55 (N) Costa Mesa CA 92627

Appendix F
Worker Environmental Awareness
Program

AES Huntington Beach Energy Project

AES Huntington Beach Energy Project

Appendix G
Biological Resources Monthly
Summary Report

AES Southland Development LLC

**Biological Resources Monthly
Compliance Report Huntington
Beach Energy Project (12-AFC-02)**

November 2016 Reporting Period

December 2016

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	LNTP MONITORING SUMMARY	2
2.1	NESTING BIRDS	2
2.3	SPECIAL-STATUS SPECIES	2
2.4	WILDLIFE INJURIES AND MORTALITIES	3
2.4.1	<i>Migratory Bird Treaty Act Protected Species</i>	3
2.4.2	<i>Other Species</i>	3
2.5	HAZARDOUS MATERIAL SPILLS	3
2.6	TRASH	3
2.7	NON-COMPLIANCE REPORT	3

APPENDIX A – BIOLOGICAL RESOURCES DAILY INSPECTION LOGS

APPENDIX B – BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

APPENDIX C – OBSERVED WILDLIFE SPECIES LIST

This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the Limited Notice to Proceed (LNTP) of the Huntington Beach Energy Project (HBEP; see Figure 1) from November 1 through November 30, 2016, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0

LNTP MONITORING SUMMARY

This section summarizes biological monitoring activities conducted by Butier Engineering Inc. during the November 2016 reporting period. Construction mobilization began August 15, 2016.

Biological monitoring is conducted on a weekly basis (one visit per week). There are currently no active nests within the LNTP HBEP site. Biological resources daily inspection logs are provided in Appendix A. Biological monitoring resources compliance monitoring logs are provided in Appendix B.

The frequency and duration of monitoring is dependent upon the biological resources located within, as well as transiting through the work area. Biological monitoring will continue on a weekly basis, as well as on-call monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site.

All on-site staff receives WEAP training prior to start of work. The hardcopy sign-in training logs for November 2016 will be submitted under separate cover.

2.1

NESTING BIRDS

No active bird nests or nesting behaviors were identified within the LNTP HBEP site during November 2016.

2.3

SPECIAL-STATUS SPECIES

Five special-status avian species were observed within the project vicinity during monitoring, which included the following: great egret (*Ardea alba*; California Department of Forestry and Fire Protection [CDF] Sensitive [S]), great blue heron (*Ardea herodias*; CDF S), osprey (*Pandion haliaetus*; California Department of Fish and Wildlife [CDFW] Watch List [WL], CDF S), California brown pelican (*Pelecanus occidentalis californicus*; CDFW WL, United States Department of Interior, Bureau of Land Management [BLM] S, United States of Forest Service [USFS] S), and double-crested cormorant (*Phalacrocorax auritus*; CDFW WL). Monarch butterflies (*Danaus plexippus*; USFS S) were observed within the project area during multiple monitoring events.

2.4 WILDLIFE INJURIES AND MORTALITIES

2.4.1 *Migratory Bird Treaty Act Protected Species*

No injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed at the project site. Lists of avian species observed during the monitoring events are included in Appendix C.

2.4.2 *Other Species*

No wildlife injuries or mortalities were observed at the project site. Lists of wildlife species observed during the monitoring events are included in Appendix C.

2.5 HAZARDOUS MATERIAL SPILLS

No hazardous material spills have occurred at the project site during the biological monitoring visits.

2.6 TRASH

Some trash was observed within the LNTP boundary on November 30, 2016 after a high wind event and a request for removal was submitted. No other litter was observed within the project site.

2.7 NON-COMPLIANCE REPORT

No formal non-compliance notifications or incident reports were issued.

Appendix A
Biological Resources Daily
Inspection Logs

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/01/2016	Tuesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
55 am / 69 pm	90 / 60	2 / 10	N	3-5 am/ 15 pm	partly cloudy cool	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n		
No firearms or weapons are onsite.			y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).			y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site	
Displaced wildlife			y	n		
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)			y	n		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/02/2016	Wednesday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
52 am / 73 pm	89 / 47	1 / 10	N	15 am/ 30 pm	clear slightly hazy warm slight breeze
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/03/2016	Thursday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
67 am / 78 pm	46 / 22	2 /	N	25 am/ 30 pm	clear warm breezey mild Santa Ana	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n		
No firearms or weapons are onsite.			y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).			y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site	
Displaced wildlife			y	n		
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)			y	n		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/04/2016	Friday	Josh Wynia			AES / GSD	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
59 am / 75 pm	46 / 22	2 /	N	25 am/ 30 pm	clear warm mild breeze	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	N		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	N	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	N		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	N		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	N	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	N		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	N		
No firearms or weapons are onsite.			y	N	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	N	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).			y	N		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	N	No exclusion zones on site	
Displaced wildlife			y	N		
Onsite traffic speed limit 15 mph			y	N	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)			y	N		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/07/2016	Monday	Mark Smith			BEI-MSS // AES , GSD , WAR	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
59 am / 69 pm	100 / 69	1 / 9	N	1 am/ 3 pm	cloudy overcast foggy early am, Prtly Cldy pm	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n		
No firearms or weapons are onsite.			y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).			y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site	
Displaced wildlife			y	n		
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)			y	n		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTP)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/08/2016	Tuesday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
56 am / 82 pm	76 / 33	2 / 9	N	3 am/ 20+pm	clear hazy am and clear pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	none used to date	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
Items Requiring Action/Follow-up					

Mark Smith

Digitally signed by Mark Smith
 DN: cn=Mark Smith, o=AES
 HBEP-LNTP,
 email=msmith@butier.com, c=US
 Date: 2016.11.09 12:21:19 -08'00'

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/09/2016	Wednesday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
67 am / 88 pm	57 / 19	1 / 8	N	25 am/ 40+ pm	clear dry hot pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	rice wattle	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/10/2016	Thursday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
64 am / 86 pm	38 / 16	4 / 8	N	40+am/ 40+ pm	clear warm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No open Trenches/bores/excav	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	rice straw wattle, synthetic rolls	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/14/2016	Monday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
55 am / 79 pm	66 / 35	0 / 6	N	15 am/ 25 pm	clear hazy am / clear hazy pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	only rice straw wattle used	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/15/2016	Tuesday	Mark Smith			BEI-MSS // AES , GSD , WAR	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61 am / 69 pm	78 / 74	0 / 6	N	<1 am/ 3 pm	marine ovr cst foggy am / partly cloudy occasional	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n		
No firearms or weapons are onsite.			y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	weed free Rice Straw wattle used	
Pesticide management in accordance with standard best management practices (BMPs).			y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site	
Displaced wildlife			y	n		
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)			y	n		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTP)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/16/2016	Wednesday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
60 am / 68 pm	84 / 69	0 / 9	N	3 am/ 10 pm	mostly cloudy am / mostly cloudy pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
11/17/2016	Thursday	Mark Smith			BEI-MSS // AES , GSD , WAR	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
54 am / 71 pm	69 / 48	3 / 6 G=12	N	5 am/ 15 pm	mostly clear am / clear pm wind gust 12mph	
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>						
<p>Compliance Verification Checklist – Biological Resources:</p>						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n		
No firearms or weapons are onsite.			y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).			y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site	
Displaced wildlife			y	n		
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)			y	n		
<p>Items Requiring Action/Follow-up</p>						

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/18/2016	Friday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
54 am / 74 pm	33 / 12	3 / 7	N	25 am/ 30+ pm	clear, cool am / clear warm pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/19/2016	Saturday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
46 am / 68 pm	54 / 50	2 / 7	N	15+ am/ 20 pm	clear, hazy cold am / cloudy cool pm
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com . In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com . After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
Items Requiring Action/Follow-up					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/21/2016	Monday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
58 am / 67 pm	88 / 66	4 / 10 G-14	N	15 am/ 20 pm	cloudy, cool rain early am / partly cloudy pm
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com . In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com . After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
Items Requiring Action/Follow-up					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/22/2016	Tuesday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
51 am / 67 pm	93 / 58	2 / 8	N	15 am/ 20 pm	clear, cool early am / mostly clear pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTP)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/28/2016	Monday	Mark Smith			BEI-MSS // AES , GSD , WAR
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
52 am / 67 pm	74 / 63	2 / 5	N	10 am/ 15 pm	mostly clear, cool early am / mostly clear pm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a “Wildlife Observation Form”.</p>					
<p>Compliance Verification Checklist – Biological Resources:</p>					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
<p>Items Requiring Action/Follow-up</p>					
<p>30 hr Rain event ended Sunday evening. 0.26 inches of rain fell</p>					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/29/2016	Tuesday	Mark Smith			BEI-MSS // AES , GSD
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
49 am / 70 pm	87 / 22	2 / 10	N	20 am / 25 pm	mstly clear, cool early am/mstly clear warm pm
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com . In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com . After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			y	n	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.			y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			y	n	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			y	n	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			y	n	wetted as needed
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials			y	n	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.			y	n	
No firearms or weapons are onsite.			y	n	none observed
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			y	n	Only weed free Rice Straw Wattle deployed
Pesticide management in accordance with standard best management practices (BMPs).			y	n	
Exclusion Zones (e.g., no-disturbance buffer for active nests)			y	n	No exclusion zones on site
Displaced wildlife			y	n	
Onsite traffic speed limit 15 mph			y	n	12mph / construction zone 10 mph
Pre-construction surveys (nesting birds and bats)			y	n	
Items Requiring Action/Follow-up					

AES Southland Development Huntington Beach Energy Project (HBEP) – Limited Notice to Proceed (LNTF)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
11/30/2016	Wednesday	Mark Smith			BEI-MSS // AES , GSD
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
43 am / 65 pm	66 / 37	2 / 8	N	15 am / 25 pm	clear, cool am / clear pm slight haze 20sm
<p>Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".</p>					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures		In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)		y	n		
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.		y	n	No earthwork completed to date. Demo phase, No Trenches/bores/excavations	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).		y	n		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.		y	n		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.		y	n	wetted as needed	
Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials		y	n		
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.		y	n		
No firearms or weapons are onsite.		y	n	none observed	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.		y	n	Only weed free Rice Straw Wattle deployed	
Pesticide management in accordance with standard best management practices (BMPs).		y	n		
Exclusion Zones (e.g., no-disturbance buffer for active nests)		y	n	No exclusion zones on site	
Displaced wildlife		y	n		
Onsite traffic speed limit 15 mph		y	n	12mph / construction zone 10 mph	
Pre-construction surveys (nesting birds and bats)		y	n		
Items Requiring Action/Follow-up					

Appendix B
Biological Resources Compliance
Monitoring Logs

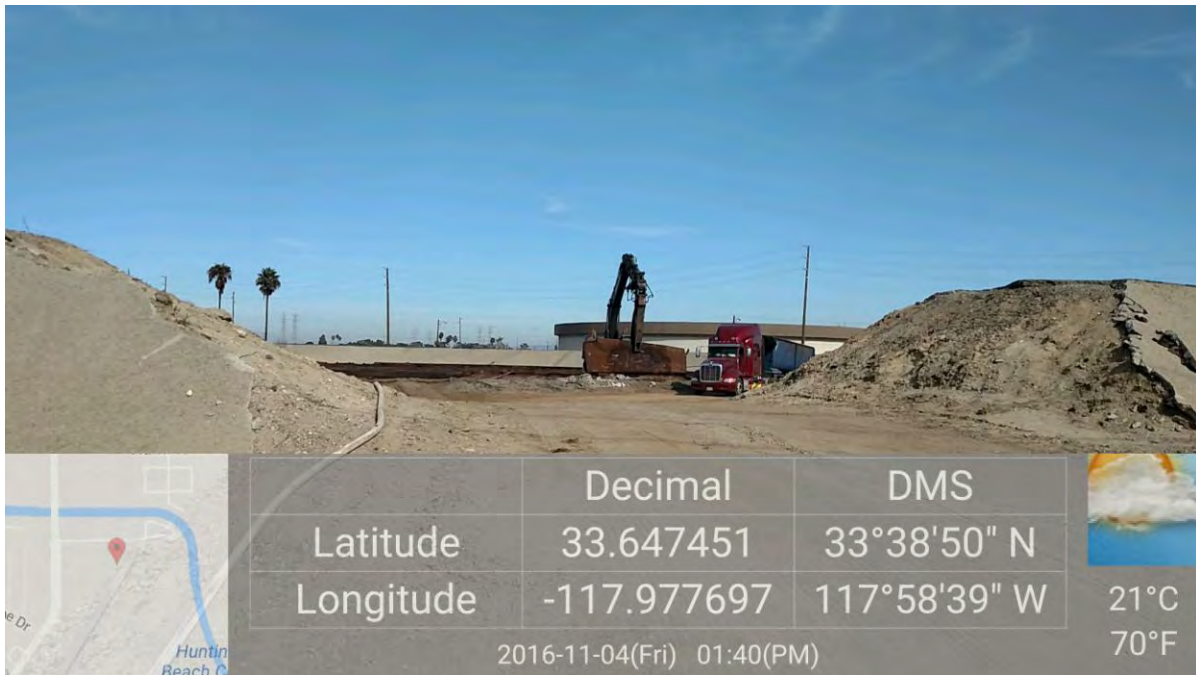
AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
November 4, 2016		Melissa Fowler			10:30-14:45
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
73	48	6	N	Good (10.0 mi)	0% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES LNTF project site.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special Status Species Observed:</p> <ul style="list-style-type: none"> A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) was observed foraging in the Magnolia Marsh. A monarch butterfly (<i>Danaus plexippus</i>; United States Forest Service [USFS] Sensitive [S]) was observed flying overhead within the LNTF boundary. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> California ground squirrel (<i>Spermophilus beecheyi</i>), coyote (<i>Canis latrans</i>), and raccoon (<i>Procyon lotor</i>) tracks were identified. <p>Other Observations:</p> <ul style="list-style-type: none"> No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird (<i>Calypte anna</i>), Bewick's wren (<i>Thryomanes bewickii</i>), blue-gray gnatcatcher (<i>Polioptila caerulea</i>), bushtit (<i>Psaltiriparus minimus</i>), California towhee (<i>Melospiza crissalis</i>), great egret, house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), lesser goldfinch (<i>Spinus psaltria</i>), Monarch butterfly, mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and white-crowned sparrow (<i>Zonotrichia leucophrys</i>).</p>					

Photo 1



Location	LNTF: peaker building.	Description	Continued demolition of the peaker building.
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Photo 2



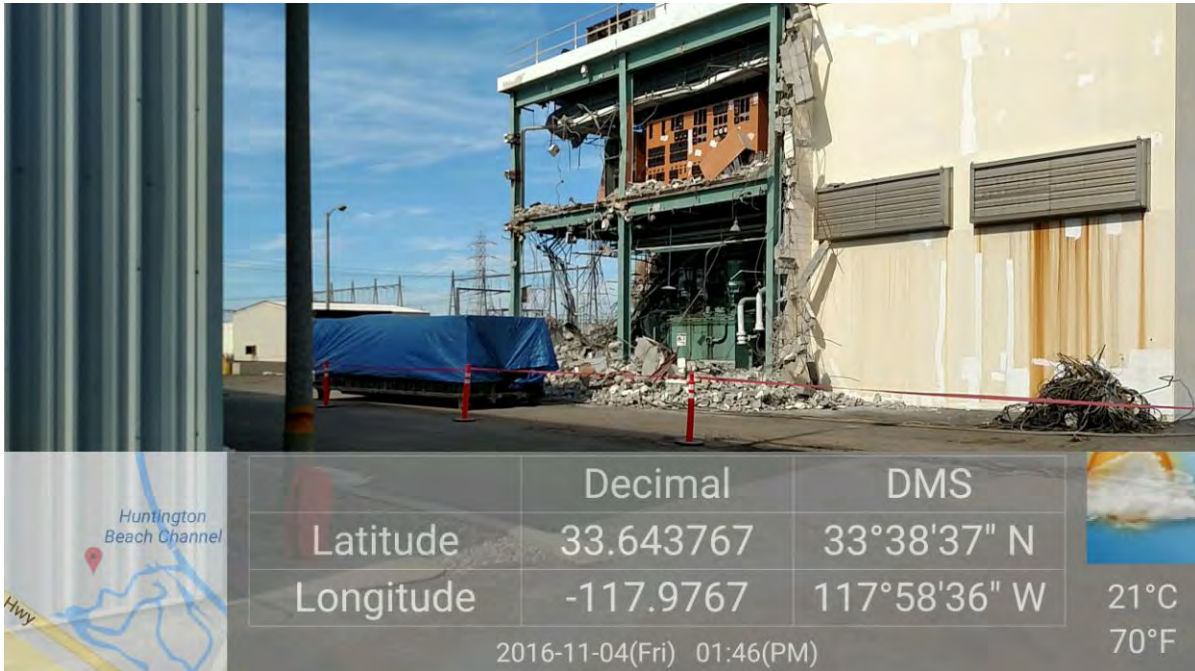
Location	LNTF: fuel oil tank basin.	Description	Continued demolition of the fuel oil tank.
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Photo 3



Location	LNTP: LNTP fenceline.	Description	Overview of the Magnolia Marsh during a high tide.
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Photo 4



Location	LNTP peaker building.	Description	Continued demolition of the peaker building.
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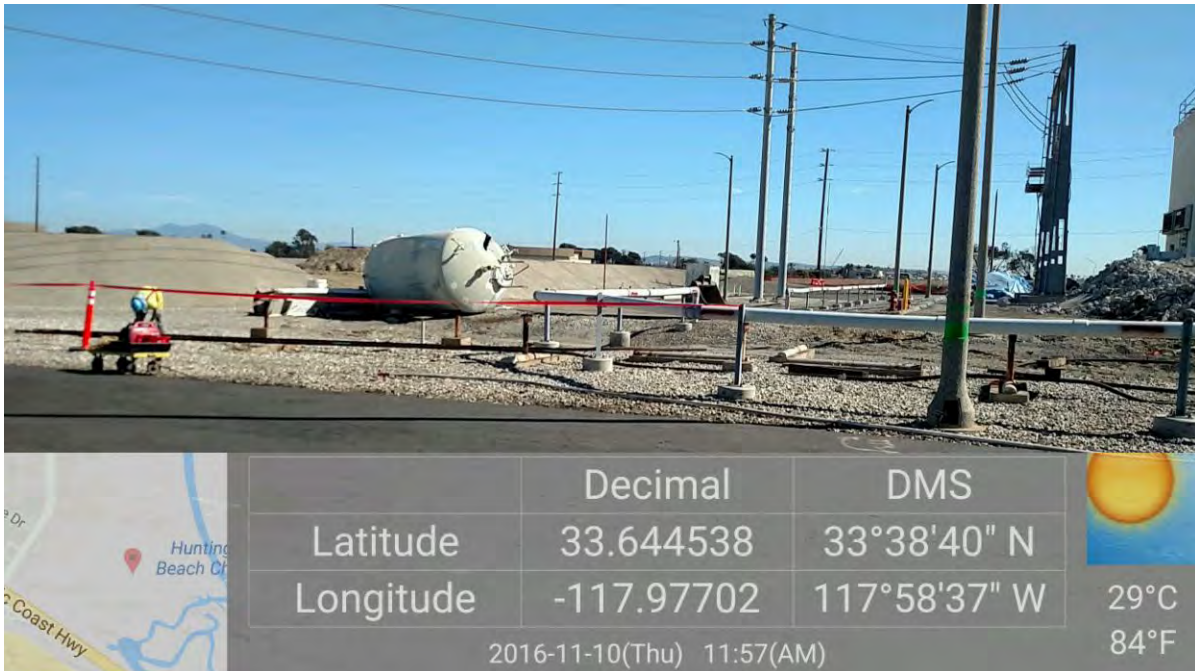
AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
November 10, 2016		Melissa Fowler			10:30-14:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
86	18	6	N	Good (10.0 mi)	0% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES LNTF project site.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special Status Species Observed:</p> <ul style="list-style-type: none"> No special-status species were observed within the LNTF survey area. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> California ground squirrel (<i>Spermophilus beecheyi</i>) and coyote (<i>Canis latrans</i>) tracks were identified. <p>Other Observations:</p> <ul style="list-style-type: none"> No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird (<i>Calypte anna</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), California towhee (<i>Melospiza crissalis</i>), Heermann's gull (<i>Larus heermanni</i>), house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), killdeer (<i>Charadrius vociferus</i>), least sandpiper (<i>Calidris minutilla</i>), marbled godwit (<i>Limosa fedoa</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and yellow-rumped warbler (<i>Setophaga coronata</i>).</p>					

Photo 1



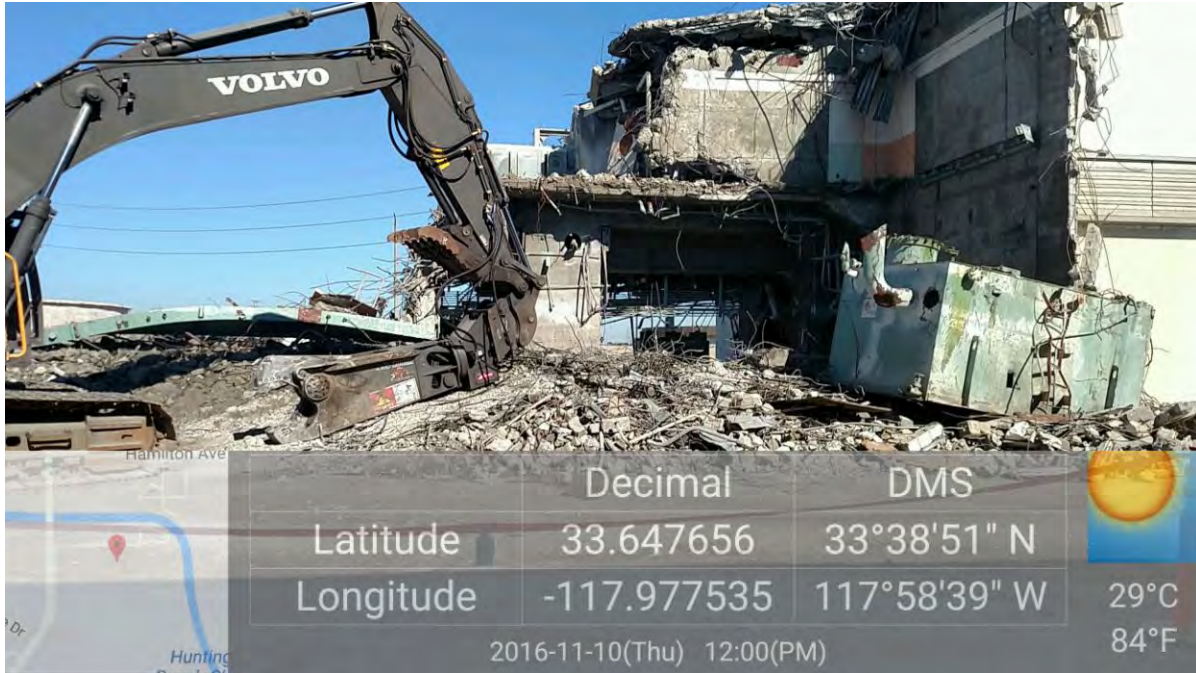
Location	LNTP: peaker building.	Description	Continued demolition of the peaker building.
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Photo 2



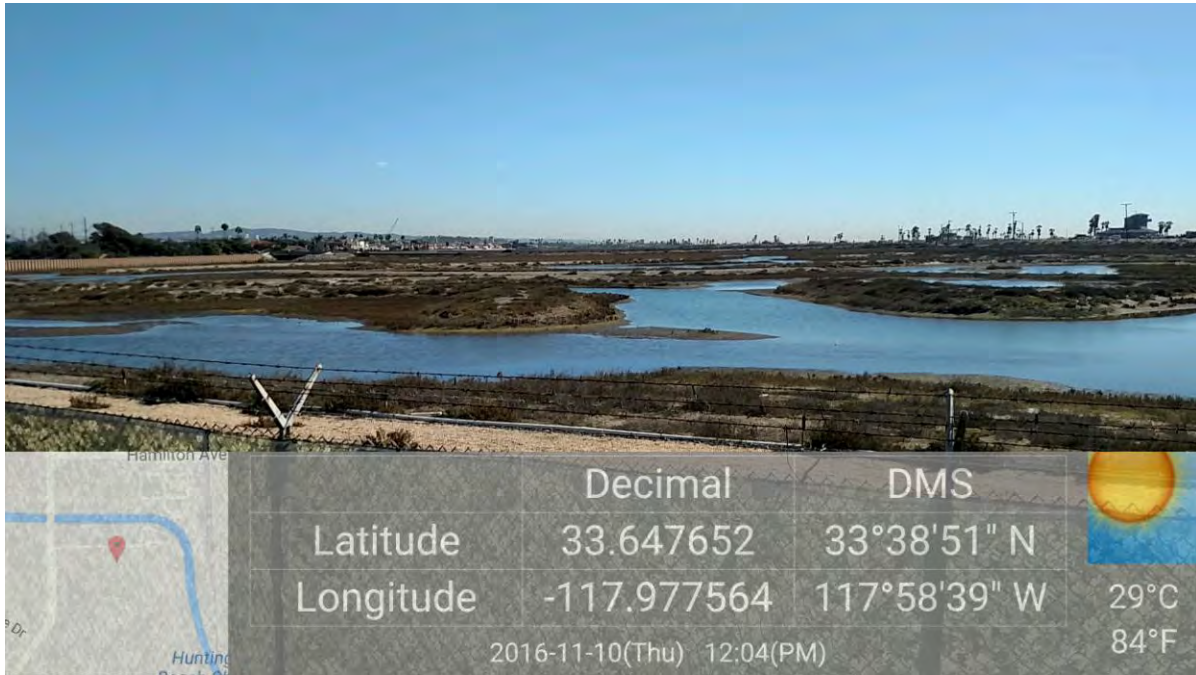
Location	LNTP project area.	Description	Continued demolition within the LNTP project area.
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Photo 3



Location	LNTP: peaker building	Description	Continued demolition of the peaker building.
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Photo 4



Location	LNTP fenceline.	Description	Overview of the Magnolia Marsh.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
November 14, 2016		Melissa Fowler			0800-13:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
61	55	0	N	Good (10.0 mi)	0% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES LNTP project site.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special Status Species Observed:</p> <ul style="list-style-type: none"> A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) was observed foraging in the Magnolia Marsh. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> No additional observations were noted. <p>Other Observations:</p> <ul style="list-style-type: none"> A crew was cleaning up the homeless encampment within the Upper Magnolia Marsh. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), American wigeon (<i>Anas americana</i>), Anna's hummingbird (<i>Calypte anna</i>), Bewick's wren (<i>Thryomanes bewickii</i>), black phoebe (<i>Sayornis nigricans</i>), blue-winged teal (<i>Anas discors</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), European starling (<i>Sturnus vulgaris</i>), great egret, horned grebe (<i>Podiceps auritus</i>), house finch (<i>Haemorhous mexicanus</i>), lesser goldfinch (<i>Spinus psaltria</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), and western gull (<i>Larus occidentalis</i>).</p>					

Photo 1



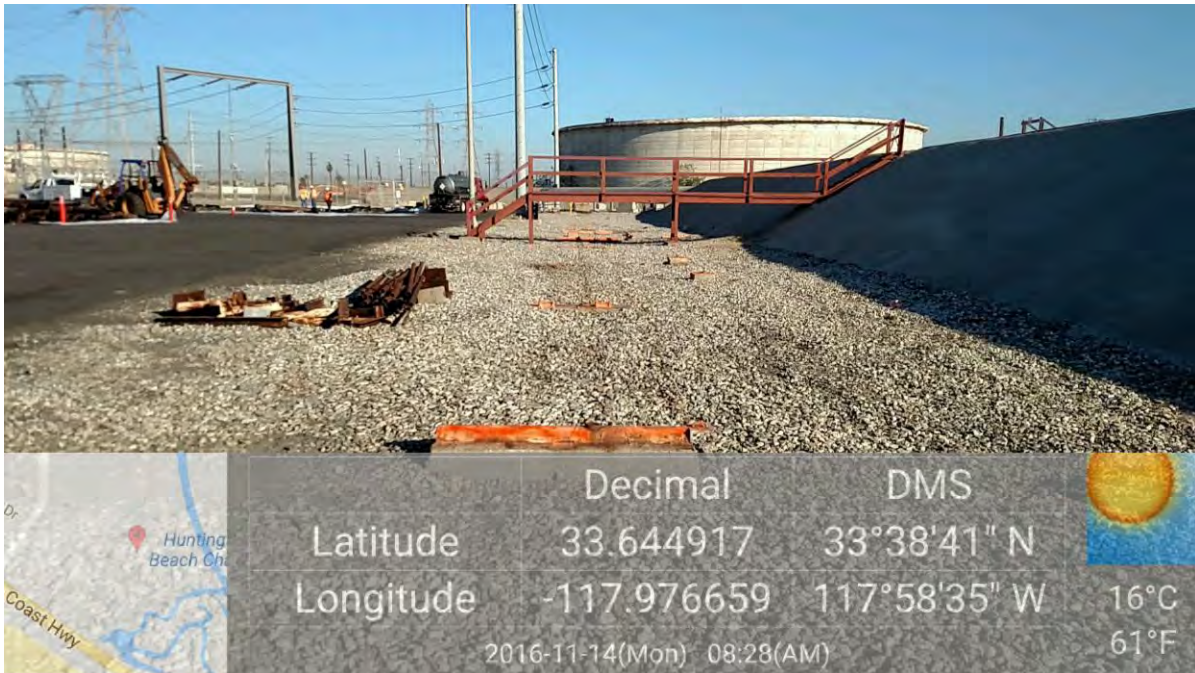
Location

LNTP project area.

Description

Photograph of pipe removal.

Photo 2



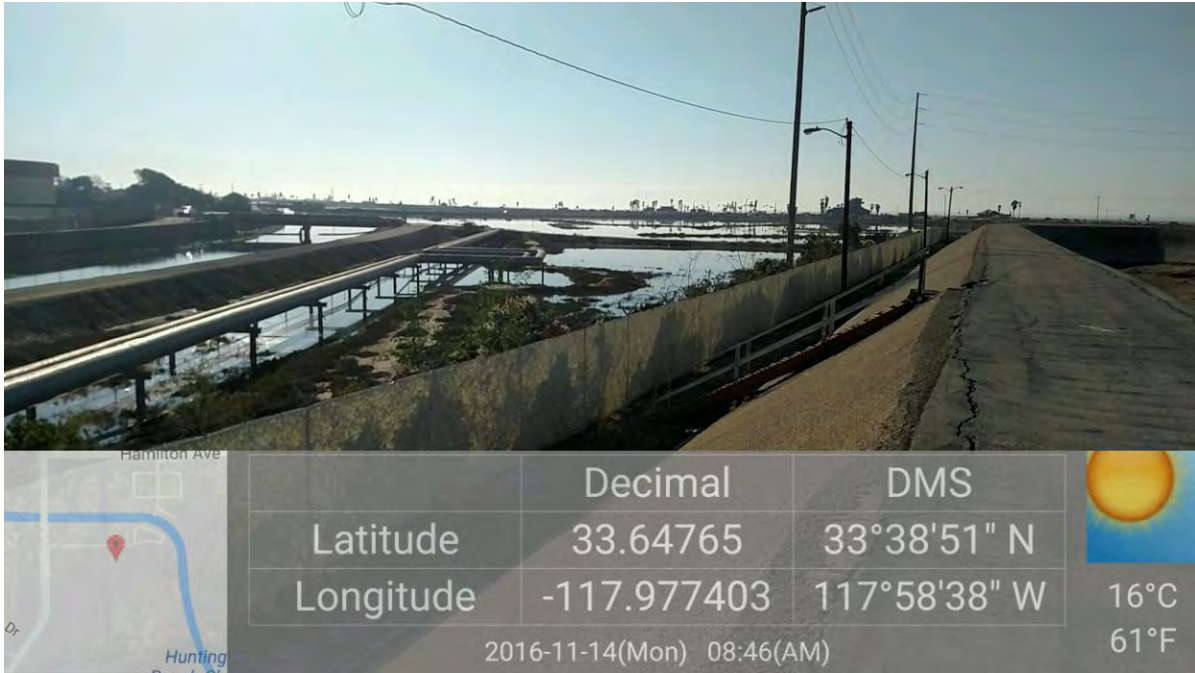
Location

LNTP project area

Description

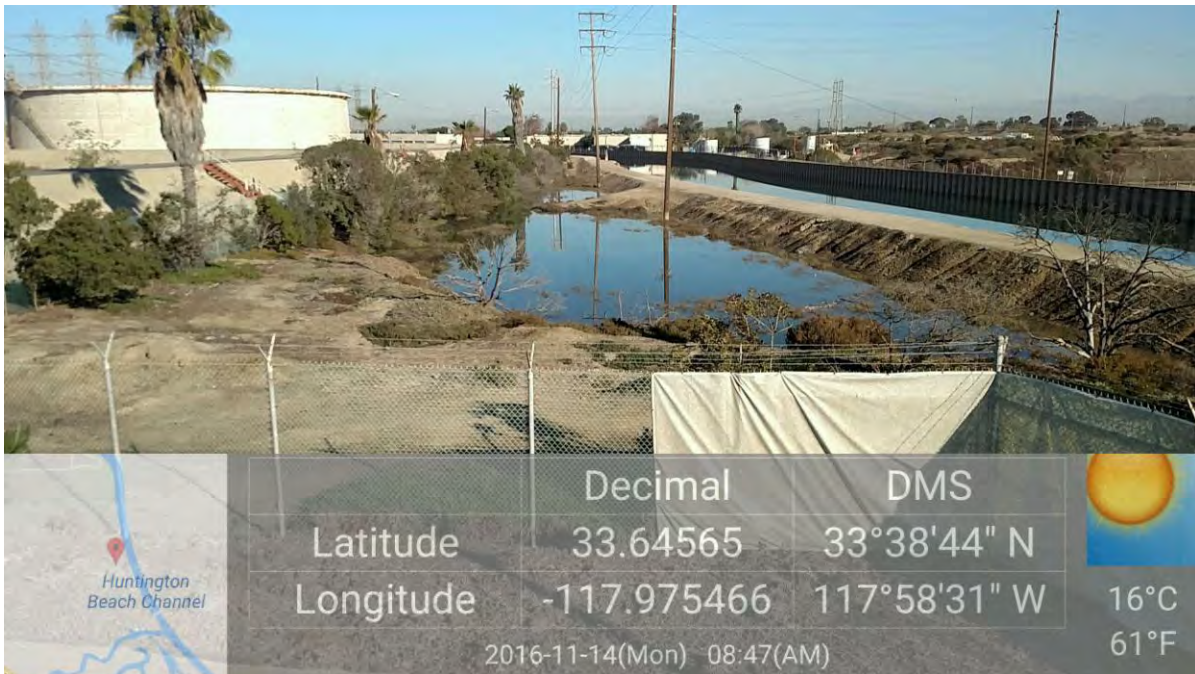
Photograph of pipe removal.

Photo 3



Location	LNTF survey area.	Description	Overview of Upper Magnolia Marsh.
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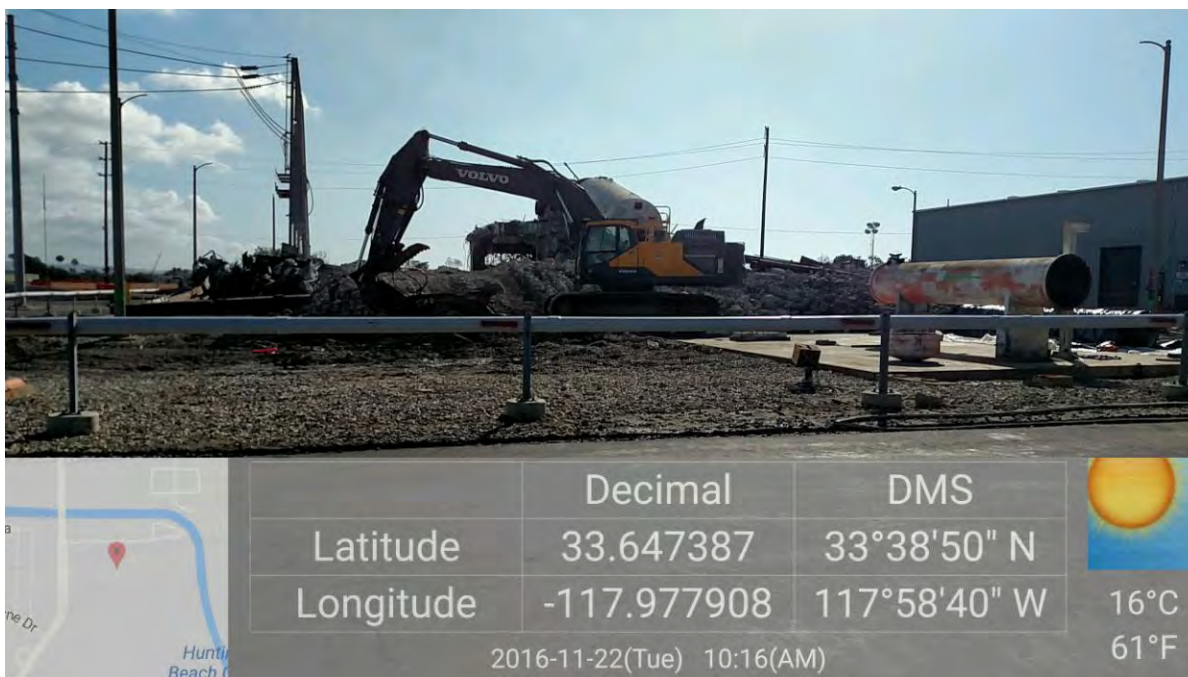
Photo 4



Location	LNTF survey area.	Description	Documentation of an extreme high tide.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
November 22, 2016		Melissa Fowler			0920-1325
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
61	71	2	N	Good (10.0 mi)	30% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES LNTP project site.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special Status Species Observed:</p> <ul style="list-style-type: none"> A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) and great blue heron (<i>Ardea herodias</i>; CDFW CDF-S) were observed foraging in the Magnolia Marsh. An osprey (<i>Pandion haliaetus</i>; California Department of Fish and Wildlife [CDFW] Watch List [WL]; CDF-S) was observed flying over Magnolia Marsh. Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW WL) were observed loafing in Magnolia Marsh. A Monarch butterfly (<i>Danaus plexippus</i>; United States Forest Service [USFS] Sensitive [S]) was observed flying overhead in the LNTP survey area. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Coyote (<i>Canis latrans</i>) track were identified within the LNTP project site. No additional observations were noted. <p>Other Observations:</p> <ul style="list-style-type: none"> Some ponding was present onsite from the recent rain event. Open pipes were either covered and/or filled with insulation or plastic material to prevent wildlife entrapment. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), American wigeon (<i>Anas americana</i>), Anna's hummingbird (<i>Calypte anna</i>), Bewick's wren (<i>Thryomanes bewickii</i>), black phoebe (<i>Sayornis nigricans</i>), bufflehead (<i>Bucephala albeola</i>), California towhee (<i>Melospiza crissalis</i>), double-crested cormorant, great blue heron, great egret, killdeer (<i>Charadrius vociferus</i>), least sandpiper (<i>Calidris minutilla</i>), lesser goldfinch (<i>Spinus psaltria</i>), marbled godwit (<i>Limosa fedoa</i>), Monarch butterfly, mourning dove (<i>Zenaidura macroura</i>), osprey, Say's phoebe (<i>Sayornis saya</i>), short-billed dowitcher (<i>Limnodromus griseus</i>), turkey vulture (<i>Cathartes aura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

Photo 1



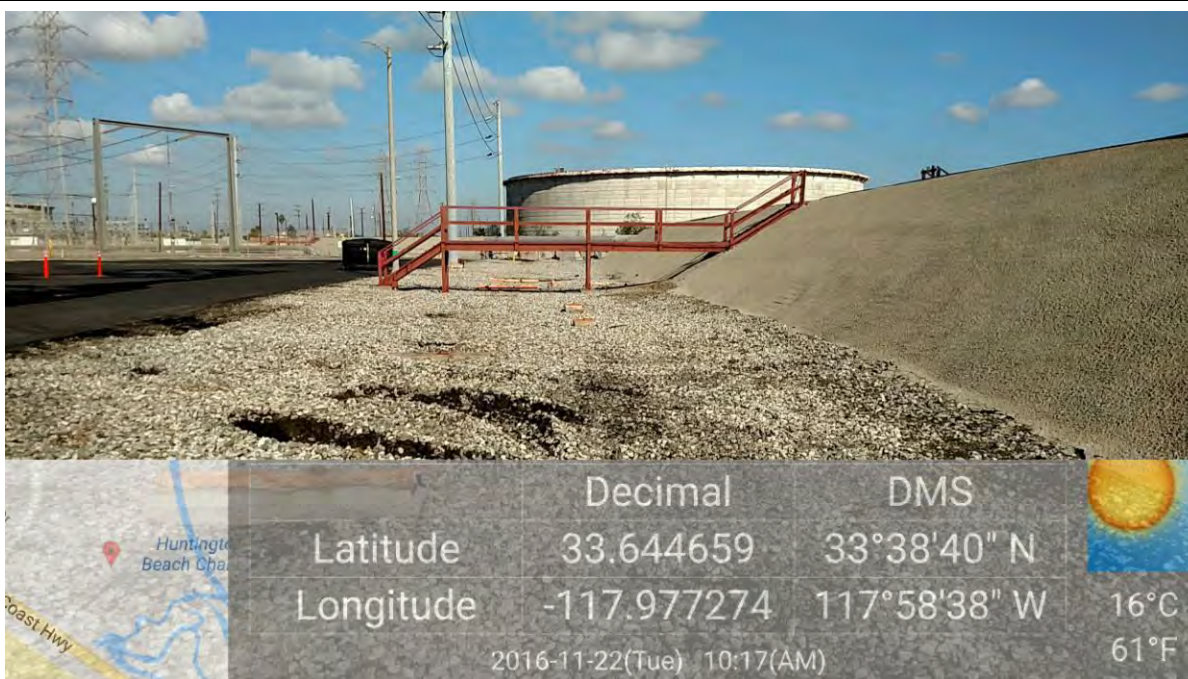
Location

LNTP: peaker building.

Description

Continued demolition of the peaker building.

Photo 2



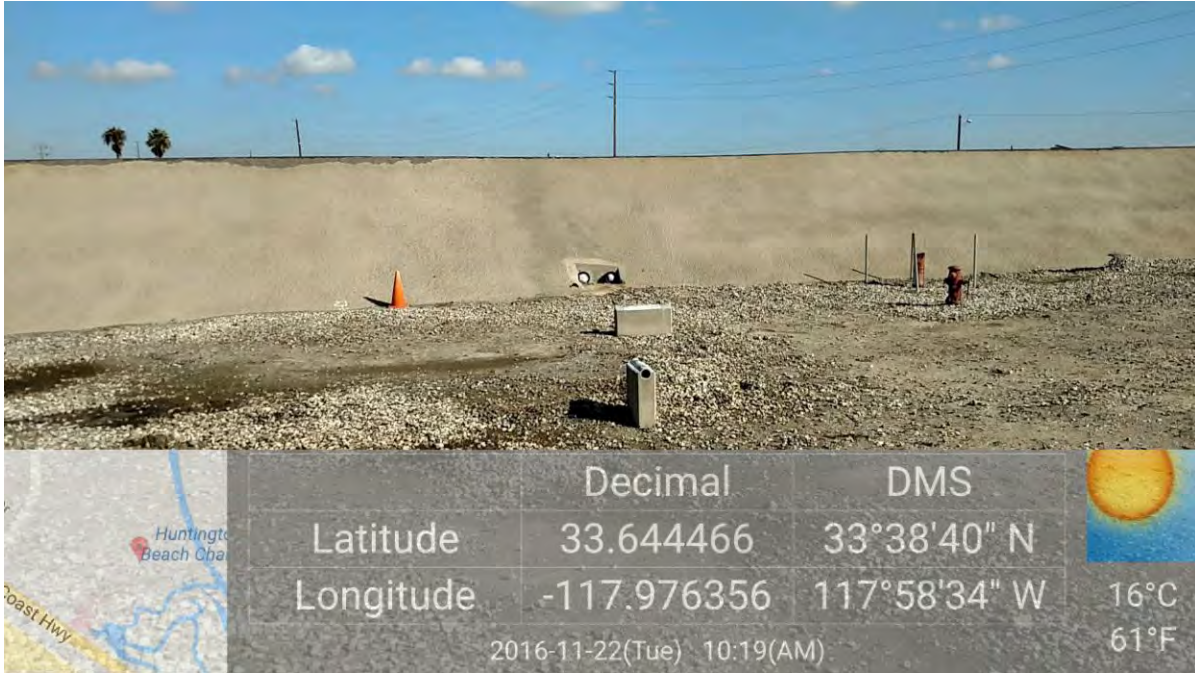
Location

LNTP: project area.

Description

Photograph of pipe removal.

Photo 3



Location	LNTF: project area.	Description	Photograph of sealed pipes to prevent wildlife entrapment.
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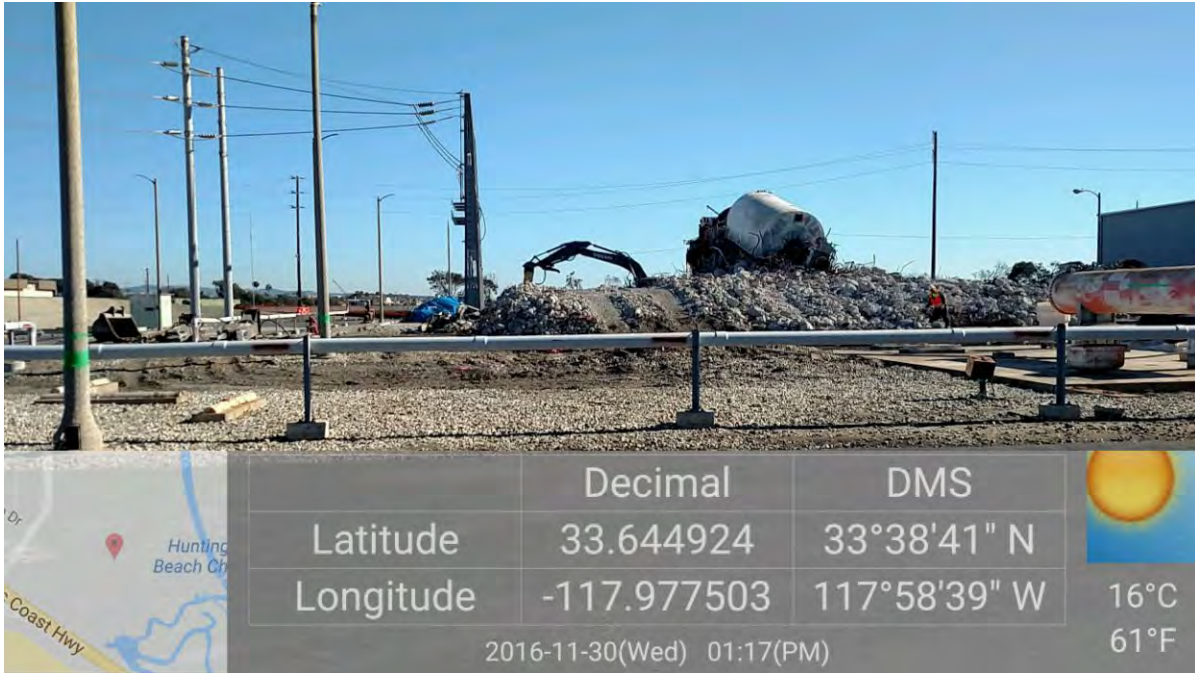
Photo 4



Location	LNTF: project area.	Description	Photograph of covered pipe to prevent wildlife entrapment.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
November 30, 2016		Melissa Fowler			10:00-14:05
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	37	1	N	Good (10.0 mi)	0% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for special-status species and nesting birds on the AES LNTP project site.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special Status Species Observed:</p> <ul style="list-style-type: none"> A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) and great blue heron (<i>Ardea herodias</i>; CDF-S) were observed foraging in the Magnolia Marsh. California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; United States Department of Interior Bureau of Land Management [BLM] Sensitive [S], and United States Forest Service [USFS] Sensitive [S]) were observed loafing in the flood control channel. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Coyote (<i>Canis latrans</i>) track were indentified within the LNTP project site. No additional observations were noted. <p>Other Observations:</p> <ul style="list-style-type: none"> Some ponding was present onsite from the recent rain event. Open pipes were either covered and/or filled with insulation or plastic material to prevent wildlife entrapment. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
Anna's hummingbird (<i>Calypte anna</i>), California brown pelican, California ground squirrel (<i>Spermophilus beecheyi</i>), great blue heron, great egret, house finch (<i>Haemorhous mexicanus</i>), least sandpiper (<i>Calidris minutilla</i>), lesser goldfinch (<i>Spinus psaltria</i>), mallard (<i>Anas platyrhynchos</i>), pied-billed grebe (<i>Podilymbus podiceps</i>), snowy egret (<i>Egretta thula</i>), mourning dove (<i>Zenaida macroura</i>), turkey vulture (<i>Cathartes aura</i>), and western gull (<i>Larus occidentalis</i>).					

Photo 1



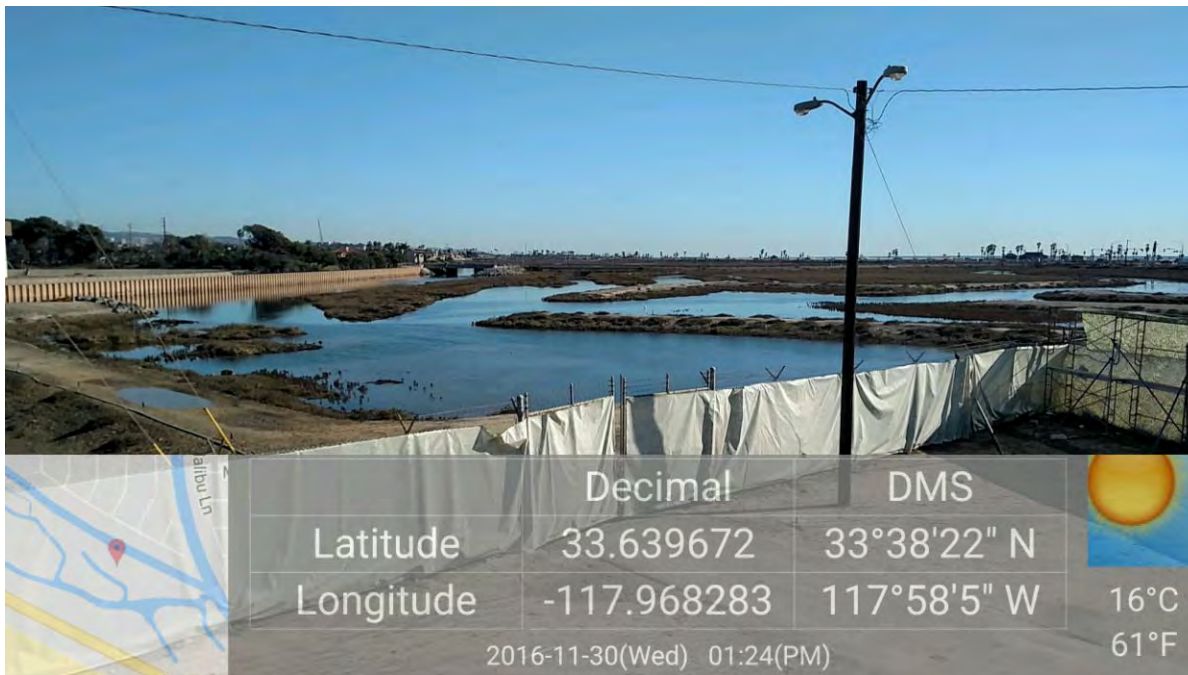
Location	LNTP: peaker building	Description	Continued demolition of the peaker building.
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Photo 2



Location	LNTP: project area.	Description	Trash located within the project area after a high wind event.
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Photo 3



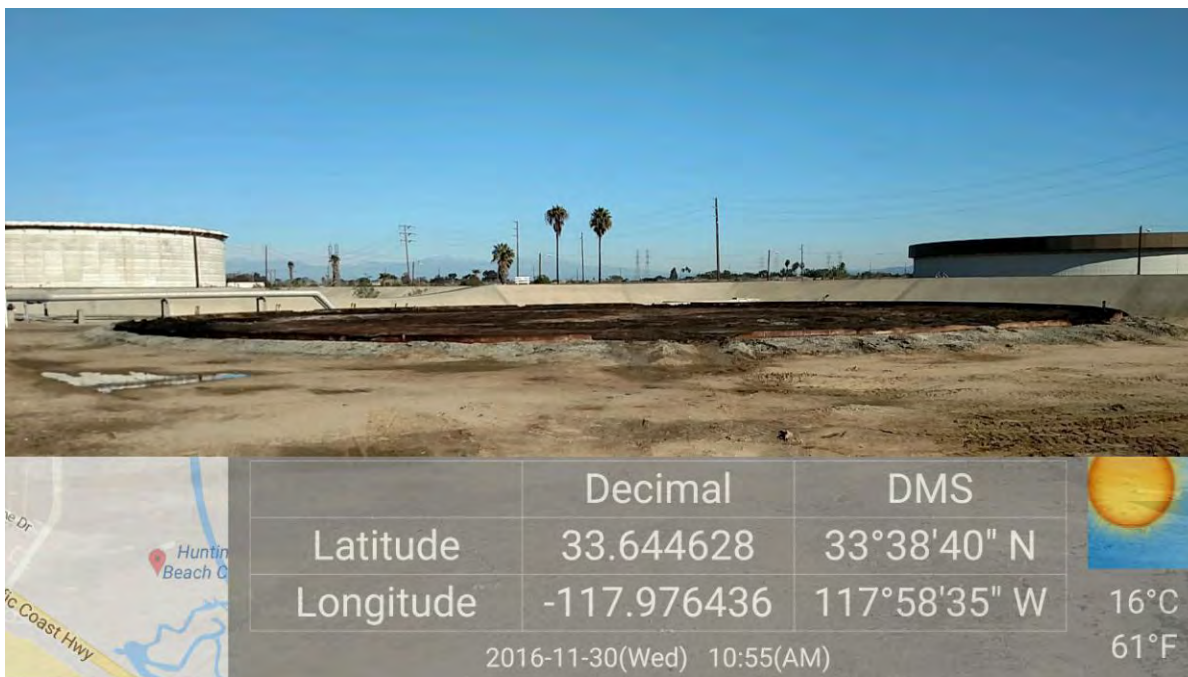
Location

LNTP fenceline.

Description

Overview of the Magnolia Marsh.

Photo 4



Location

LNTP fuel tank.

Description

Overview of the fuel oil tank basin.

Appendix C
Observed Wildlife Species List

Observed Wildlife Species List November 2016
LNTP Huntington Beach Energy Project

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
American wigeon	<i>Anas americana</i>	--/--/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Bewick's wren	<i>Thryomanes bewickii</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Blue-gray gnatcatcher	<i>Poliophtila caerulea</i>	--/--/--
Blue-winged teal	<i>Anas discors</i>	--/--/--
Bufflehead	<i>Bucephala albeola</i>	--/--/--
Bushtit	<i>Psaltirparus minimus</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/--/WL BLM: S, USFS: S
California towhee	<i>Melospiza crissalis</i>	--/--/--
Double-crested cormorant	<i>Phalacrocorax auritus</i>	--/--/WL
European starling	<i>Sturnis vulgaris</i>	--/--/--
Great blue heron	<i>Ardea herodias</i>	--/--/CDF: S
Great egret	<i>Ardea alba</i>	--/--/CDF: S
Heermann's gull	<i>Larus heermanni</i>	--/--/--
Horned grebe	<i>Podiceps auritus</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/--
Killdeer	<i>Charadrius vociferous</i>	--/--/--
Least sandpiper	<i>Calidris minutilla</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mallard	<i>Anas platyrhynchos</i>	--/--/--
Marbled godwit	<i>Limosa fedoa</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Osprey	<i>Pandion haliaetus</i>	--/WL/CDF: S
Pied-billed grebe	<i>Podilymbus podiceps</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Short-billed dowitcher	<i>Limnodromus griseus</i>	--/--/--
Snowy egret	<i>Egretta thula</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--

White-crowned sparrow	<i>Zonotrichia leucophrys</i>	--/--/--
Yellow-rumped warbler	<i>Setophaga coronata</i>	--/--/--
Invertebrates		
Monarch butterfly	<i>Danaus plexippus</i>	--/--/USFS: S
Mammals		
California ground squirrel	<i>Spermophilus beecheyi</i>	--/--/--
Reptiles		
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

Status Codes:

If status codes are not provided, it indicates that the observed 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

CSC = California Species of Special Concern Species of concern to California Department of Fish and Wildlife (CDFW) because of 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

Appendix H
Cultural Resources Monthly Summary
Report

APPENDIX INTENTIONALLY LEFT BLANK

Appendix I
Paleontological Resources Monthly
Summary Report

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Appendix J

Worker Safety

AES Huntington Beach Energy Project

Please note: By Signing below, I acknowledge that I have read or been made aware of the rules as set forth in the AES Huntington Beach Energy Project Contractor Safety Orientation Program. I also agree to abide by all terms and conditions of the AES Huntington Beach Energy Project Contractor Safety program.

[illegible]

AES Huntington Beach Energy Project

Please note: By Signing below, I acknowledge that I have read or been made aware of the rules as set forth in the AES Huntington Beach Energy Project Contractor Safety Orientation Program. I also agree to abide by all terms and conditions of the AES Huntington Beach Energy Project Contractor Safety program.

[illegible]

EHS - All Observations

Project Name: HB - Owners Scope
Project Number: SLOS-HB

12/1/2016													
Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0134	Safety	161031 Expired fire extinguisher	AES	EJ Penewell	Rule Violation	Equipment/Tools	High	Closed	11/2/2016	11/2/2016	Expired fire extinguisher on JLG teleboom lift (G12 55A)	Replace fire extinguisher currently certified.	0
SO-0135	Safety	161101 New pipe cleaning area	AES	EJ Penewell	Positive Observation	Other	High	Closed	11/3/2016	11/3/2016	New pipe cleaning area is being set up in parking lot.	Contractor provided above mentioned items.	0
SO-0136	Safety	161102 Oily pipe where cut occurred	AES	EJ Penewell	Rule Violation	Housekeeping	High	Closed	11/3/2016	11/3/2016	Area near piping has oil product on ground and piping.		0
SO-0137	Safety	161103 Gasoline can damaged	AES	EJ Penewell	Unsafe Condition	Other	High	Closed	11/14/2016	11/14/2016	Gasoline can is damaged.	Removed from service on our job site.	0
SO-0138	Safety	161104 JLG Lift requires F.E. with certt	AES	EJ Penewell	Audit Finding	Hot Work	High	Closed	11/14/2016	11/14/2016	JLG Forklift truck has fire extinguisher with State Fire Marshal's certification.	None	0
SO-0139	Safety	161107 New gasoline can in place	AES	EJ Penewell	Positive Observation	Hot Work	Medium	Closed	11/14/2016	11/14/2016	New gasoline container has replaced damaged one from Observation #138.	Thanked contractor for quick response in the replacement of fuel container.	0
SO-0140	Safety	161108 Straps, attachment and pipe	AES	EJ Penewell	Positive Observation	Rigging & Crane Lifts	High	Closed	11/18/2016	11/18/2016	At Line #1 near peaker building use of forklift, attachment with straps to lift pipe after being cut.	Driver took charge of lift and verified the above mention items an while doing the lift the spotter was viable to driver.	0
SO-0141	Safety	161109 Backhoe in Lock Position	AES	EJ Penewell	Positive Observation	Equipment/Tools	Medium	Closed	11/18/2016	11/18/2016	The backhoe is stored, while not in use, in the locked position.	Continuing to store backhoe in the appropriate way.	0
SO-0142	Safety	161110 Unprotected electric cord	AES	EJ Penewell	Unsafe Condition	Electrical Safety	High	Closed	11/18/2016	11/18/2016	Electric cord was crossing road without crush protection.	Provided the cord protector.	0
SO-0143	Safety	161114 Peaker Building Demo Progress	AES	EJ Penewell	Positive Observation	Other	Medium	Closed	11/18/2016	11/18/2016	Peaker building is is nearing the time when the generator will be coming down.	Verification of tese items is acceptable and continuousl being monitored.	0
SO-0144	Safety	161115 Excavator loading scrap	AES	EJ Penewell	Positive Observation	Equipment/Tools	Medium	Closed	11/18/2016	11/18/2016	Excavator operator is loading scrap into container for removal from job site.	Correct use of spotter and dust control to effectively monitor project area.	0
SO-0145	Safety	161116 Generator comes down	AES	EJ Penewell	Positive Observation	Other	High	Closed	11/18/2016	11/18/2016	Generator came down from second floor to first.	The items expressed above were checked and double checked.	0
SO-0146	Safety	161117 Fuel line #3 12" full of heavy oil	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	11/18/2016	11/18/2016	The line #3 is 12" and nearly full of heavy oil.	Items listed above were provided and workers were prepared for spill event.	0
SO-0147	Safety	161118 Peaker building demo progres	AES	EJ Penewell	Positive Observation	Other	High	Closed	11/21/2016	11/21/2016	Peaker building is continuing to be demoed and the the generator is down and large portions of building are being turned to rubble.	Contractor has worked to a high standard meeting regulatory issues with a minimum amount of input from the AES work group.	0
SO-0148	Safety	161121 Opening of heat exchanger	AES	EJ Penewell	Positive Observation	Rigging & Crane Lifts	High	Closed	11/22/2016	11/22/2016	Heat exchanger near peaker building is being opened for purpose of decontamination before disposal.	Rigging and lifting is handled by qualified persons with foreman controlling total process.	0
SO-0149	Safety	161121 Cleaning of heat exchanger	AES	EJ Penewell	Positive Observation	Hazard Communication	High	Closed	11/22/2016	11/22/2016	Cleaning and decontamination of bundle and housing o heat exchanger.	Workers with required clothing and PPE cleaned and decontaminated heat exchanger housing and bundle.	0
SO-0150	Safety	161122 Peaker demo progress & spoils	AES	EJ Penewell	Positive Observation	Housekeeping	High	Closed	11/22/2016	11/22/2016	This the overall view and close up of spoils area to show the extent of the work on the peaker. Photo 1 is overview of the current condition of the peaker portion of the project and photo 2 close up shows the relationship between the excavator and amount of spoils product that must moved and skills and planning that these activities require.	GSD and the other contractors are continuing to show great care on all the work being done at AES HB.	0
SO-0151	Safety	161129 Monthly Safety Audit	AES	EJ Penewell	Audit Finding	Other	High	Closed	11/30/2016	11/30/2016	On Nov 22nd, a monthly safety audit was conducted.	Audited the AES jobsite	0
SO-0152	Safety	161129 Peaker Turbo End Falls	AES	EJ Penewell	Positive Observation	Other	High	Closed	11/30/2016	11/30/2016	During the demo of peaker building the turbo end of generator was knocked down. Please note photo 1 is just before the turbo came down and photo 2 is just after the turbo came down.	Before the turbo fell, contractor discussed its plan for bringing the turbo down and verified we were ready to go.	0
SO-0153	Safety	161130 Lube oil tank decontamination	AES	EJ Penewell	Positive Observation	Environmental	High	Closed	11/30/2016	11/30/2016	Lube oil tank has oily water trapped inside and must be removed.	Team provided safe electrical protection and waste collection to remove oily water.	0

NUTS AND BOLTS SAFETY TAILGATE
MEETINGS FOR CONSTRUCTION

Volume 10 - Number 2

Company Name AES-HB
Job Name Demo

Date Nov 17, 2016
Start Time: 7:05 Finish Time: 7:15

Dangers of Silica

When dust is generated from cutting, grinding, drilling, sanding or sandblasting on or with rock, gravel and sand, dust containing silica is generated and can be inhaled. A lung disease called "silicosis" is caused by breathing silica. The dust causes fibrosis or scar tissue to form on the lungs which reduces the ability of the lungs to take in oxygen and makes a person more susceptible to other lung diseases. Because the results of silica are irreversible, it is considered to be a serious health hazard on many construction jobsites.

The key to preventing silicosis is to minimize exposure to silica dust. Some ways to do that are:

- Control overall dust exposures by minimizing the dust around work areas.
- Substitute less hazardous abrasive-blasting materials for those containing crystalline silica. Sandblasting concrete even without silica sand still results in high levels of silica in the air from the concrete itself.
- Wet down surfaces before clean up.
- Use vacuums with high-efficiency particulate air (HEPA) filters or wet-sweeping for clean up.
- Never dry sweep or blow dust with compressed air.
- Drilling outdoors usually results in lower dust exposure to drillers because the work is sporadic and wind often blows the dust away from their breathing zone. But the exposure limit for silica can still be easily exceeded if workers are downwind or in the dust cloud.
- Wear respirators, where necessary, to avoid breathing dusts.
- Be aware that the highest silica concentrations may occur inside enclosed areas during tasks such as concrete or masonry sawing or abrasive blasting. Wear air-supplied respirators under high dust conditions.

There is no cure for the disease once it develops, but it is preventable if exposures are minimized.

Special Topics for Your Project _____

Discuss Any Accidents/Near Misses that Occurred _____

Employee Safety Suggestions Watch for dust on site - stay up wind

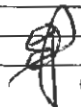
Meeting Attended By (Attendees, please sign your name; use reverse side if additional space is needed):

Print Name

Signature

See Attachment

Supervisor's Signature



(These instructions do not supersede local, state or federal standards.)

M.R.S. OSHA Safety, Inc. 800.200.0888

Rule requires engineering controls to keep workers from breathing silica dust

The Occupational Safety and Health Administration (OSHA) has issued a final rule to curb lung cancer, silicosis, chronic obstructive pulmonary disease and kidney disease in America's workers by limiting their exposure to respirable crystalline silica. The rule is comprised of two standards, one for Construction and one for General Industry and Maritime.

OSHA estimates that the rule will save over 600 lives and prevent more than 900 new cases of silicosis each year, once its effects are fully realized. The Final Rule is projected to provide net benefits of about \$7.7 billion, annually.

About 2.3 million workers are exposed to respirable crystalline silica in their workplaces, including 2 million construction workers who drill, cut, crush, or grind silica-containing materials such as concrete and stone, and 300,000 workers in general industry operations such as brick manufacturing, foundries, and hydraulic fracturing, also known as fracking. Responsible employers have been protecting workers from harmful exposure to respirable crystalline silica for years, using widely-available equipment that controls dust with water or a vacuum system.

Key Provisions

- Reduces the permissible exposure limit (PEL) for respirable crystalline silica to 50 micrograms per cubic meter of air, averaged over an 8-hour shift.
- Requires employers to: use engineering controls (such as water or ventilation) to limit worker exposure to the PEL; provide respirators when engineering controls cannot adequately limit exposure; limit worker access to high exposure areas; develop a written exposure control plan, offer medical exams to highly exposed workers, and train workers on silica risks and how to limit exposures.
- Provides medical exams to monitor highly exposed workers and gives them information about their lung health.
- Provides flexibility to help employers — especially small businesses — protect workers from silica exposure.

Compliance Schedule


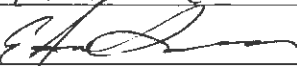

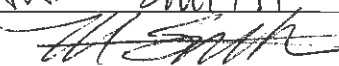
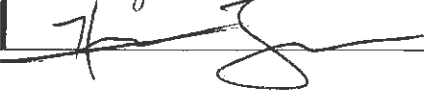
Both standards contained in the final rule take effect on June 23, 2016., after which industries have one to five years to comply with most requirements, based on the following schedule:

Construction - June 23, 2017, one year after the effective date.

General Industry and Maritime - June 23, 2018, two years after the effective date.

Date: Nov 17, 2016


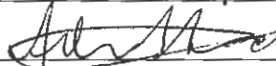
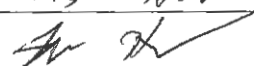
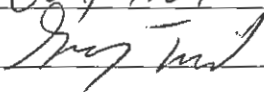
AES Monthly Toolbox Safety Training Meeting - E. J. Penwell, CHST
BEI

Company Name	Name: Print (top) Sign (bottom)	Topic
ASD	RAFAEL RENTERIA 	Dangers of Silica
BEI	Jeff McElathy Jeff McElathy	"
ASD ESD	ALFONSO MEMIJE	"
GSD	Reynaldo Orozco Reynaldo Orozco	"
GSD	Efrain Gonzalez 	"
NVS	TOM PEACE 	"
BEI	MARK SMITH 	"
K.VAC ENVIRONMENTAL	JAMES VELZ A Velz	"
K VAC	Bobby Moore Bobby Moore	"
W.A. Basic	Henry Zermeno 	

Date: Nov 17, 2016

AES Monthly Toolbox Safety Training Meeting

En. Pennewell CHST
BEI

Company Name	Name: Print (top) Sign (bottom)	Topic
WAR	Jorge Luis Meza	Silica
	Jorge L Meza	
WAR	Miguel Cuevas	" "
	Miguel Cuevas	
WARASIC	Gabriel Zermeno	" "
		
KVAC	ANTONIO RAMOS	Silica
	Antonio Ramos	
KVAC	Felipe MARRAS	
		
NVS	Charles Griffin	Silica
	Chas L Griffin	
GSD	Mike Hunsicker	
	M. Hunsicker	Silica
GSD	Spencer Howland	Silica
		
GSD	Gary Tral	" "
		

Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

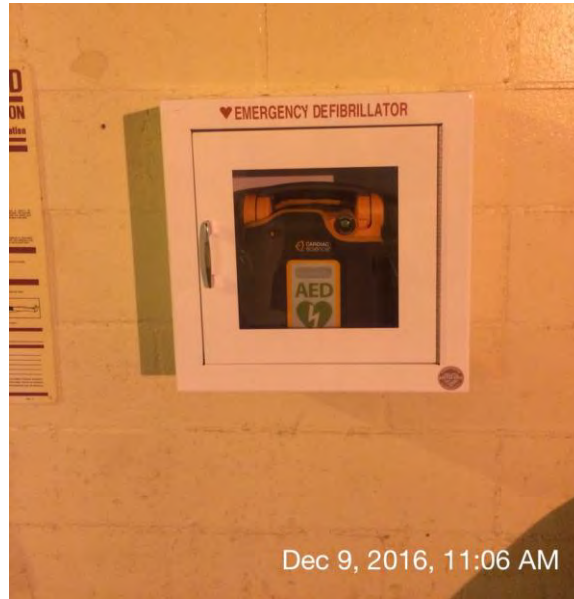
Updated: December 9, 2016

The following 3 AED's are located on the AES Huntington Beach Facility and were available for use during the month of October.



Location: Unit 1 and 2 Control Room

Worker Safety - 5



Location: Unit 3 and 4 Control Room-
AED was relocated to outside of control room.



Location: Maintenance Building

Appendix K

Visual Resources

Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified November 2, 2016. Repairs were completed the same day.



Damaged Construction Screening

Vis-3 Construction Screening Repairs



Screening following repairs.

Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified November 21, 2016. Repairs were completed the same day.



Damaged Construction Screening

Vis-3 Construction Screening Repairs



Screening following repairs.

Appendix L

Changes to Conditions of Certifications



AES Southland Development
690 N. Studebaker Road
Long Beach, CA 90803

tel 562 493 7891
fax 562 493 7320

April 27, 2016

Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 Ninth Street MS 2000
Sacramento, 95814

Subject: Huntington Beach Energy Project (12-AFC-02C)
Conditions of Certification VIS-3 Long-Term Construction Screening, Landscape
Protection, and Site Restoration Plan – Project Demolition, Construction, and
Commissioning

Dear Mr. Veerkamp;

Based on the memo dated 4/22/16, AES Southland Development, LLC (AES) is re-submitting the attached Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning – Phase 1 LNTP for your review and approval in accordance with VIS-3. If you have any questions, please do not hesitate to contact myself or our HBEP Construction CPM.

Sincerely,

Stephen O'Kane
Vice-President
AES Southland Development, LLC
Manager
AES Huntington Beach Energy, LLC

Attachments

cc: Tracy Powell/HBEP Construction CPM
Jerry Salamy/CH2M

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Tuesday, May 03, 2016 10:15 AM
To: Sene Viola
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee; Hinde, Jeanine@Energy; Hamblin, Mark@Energy
Subject: RE: 12-AFC-02C 12-AFC-02C HBEP VIS-3 Long Term Construction Screening....CPM APPROVAL

Good Morning Sene,

Energy Commission technical staff has reviewed the revised VIS-3 submittal, dated April 27, 2016, and finds it acceptable. Therefore, the submittal has CPM approval, and may be implemented in order to proceed with the abatement and demolition activities. We look forward to receiving the VIS-3 submittal and its implementation, in the fourth quarter of 2016, prior to the commencement of the berm removal.

Let me know if you have any questions.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Wednesday, April 27, 2016 3:39 PM
To: Veerkamp, Eric@Energy
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee
Subject: 12-AFC-02C 12-AFC-02C HBEP VIS-3 Long Term Construction Screening....

Eric,

Attached is our re-submittal for the above referenced COC based on your comments provided in the email from 4/22/16. Please give me a call if you have any questions.

Best regards,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Sene Viola

From: Sene Viola
Sent: Thursday, May 05, 2016 11:20 PM
To: Eric Veerkamp
Cc: Lesh, Geoff@Energy; Fooks, Brett@Energy; Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee
Subject: 12-AFC-02C HBEP Worker Safety-1 Project Construction Safety and Health Program
Attachments: AES_HBEP_Worker Safety-1.pdf; Argus AESHB Site Safety Plan.pdf; N&M Abatement Specification HB FINAL.pdf; 2016 AES Huntington Beach Owner's Scope Emergency Response Plan_rev 2.doc; 2016 AES Huntington Beach Fire Prevention and Protection Plan.docx; AES Southland Owners Scope Occupational Exposure Program.pdf

Eric,

Attached you will find our re-submittal package for the above referenced COC. Below is a list of each attachment.

Attachment 1 – Argus Site Specific Health and Safety Program
Attachment 2 – Ninyo & Moore (3rd party oversight) Site-Specific Abatement Specification
Attachment 3 – AES's Emergency Action Plan (previously submitted, no changes have been made)
Attachment 4 – AES's Fire and Prevention Plan (previously submitted, no changes have been made)
Attachment 5 – AES Construction Exposure Monitoring Program

Please give me a call if you have any questions.

Best regards,

Sene Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Monday, May 09, 2016 3:22 PM
To: Sene Viola
Cc: Lesh, Geoff@Energy; Fooks, Brett@Energy; Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee; Kevin Wedman
Subject: 12-AFC-02C HBEP Worker Safety-1 Project Construction Safety and Health Program, CPM APPROVAL; Abatement approval to proceed

Sene,

I have been notified by Brett Fooks, our worker safety specialist that the revised Worker Safety-1 submittal for the Huntington Beach abatement work, dated May 5, 2016, has been reviewed and approved; therefore the WS-1 submittal has CPM approval, and the abatement contractor(s) may begin work immediately.

With approval of the Worker Safety-1 submittal, all the Energy Commission Conditions of Certification have been satisfied for the asbestos and lead abatement activities to commence. As per the conversation I had with Tracy this morning, I understand that you will be administering the WEAP training as a package (BIO/CUL/PAL), beginning on Wednesday, 5/11/2016. Considering that the CUL-1 WEAP is still not approved, I caution against issuing any helmet stickers or other notification of WEAP training completion until such time as all three components of the WEAP training are approved. As the abatement activities do not involve ground disturbing activity, neither the CUL or PAL portions of the WEAP training are required at this time.

Please keep in mind that prior to issuance of the LNTP for the demolition activities, the CUL WEAP will need to be approved AND another Worker Safety-1 submittal for construction (demolition) will need to be submitted and approved.

Thanks. Let me know if you have any questions.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Thursday, May 05, 2016 11:20 PM
To: Veerkamp, Eric@Energy
Cc: Lesh, Geoff@Energy; Fooks, Brett@Energy; Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Cindy Salazar; Jenifer Lee
Subject: 12-AFC-02C HBEP Worker Safety-1 Project Construction Safety and Health Program

Eric,

Attached you will find our re-submittal package for the above referenced COC. Below is a list of each attachment.

Attachment 1 – Argus Site Specific Health and Safety Program

Attachment 2 – Ninyo & Moore (3rd party oversight) Site-Specific Abatement Specification

Sene Viola

From: Sene Viola
Sent: Monday, April 18, 2016 9:31 AM
To: Eric Veerkamp
Cc: Stephen O'Kane; Tracy Powell; Jerry Salamy; Maggie Fitzgerald; Jenifer Lee; Cindy Salazar
Subject: BIO-8 Notification
Attachments: MFowlerResume_Apr2016 for BIO-8 Agency Notification.pdf; MAY2015-RESUME GARY M SANTOLO.pdf

Eric,

In accordance with Condition of Certification BIO-8, this email serves as notification that the project Designated Biologist, Melissa Fowler, will be conducting the light-footed clapper rail habitat assessment tomorrow, April 19, 2016. Melissa will be accompanied by another senior biologist, Gary Santolo. Both Melissa's and Gary's resumes are attached for your information. Separate notifications were made to the USFWS and CDFW on April 8, 2016.

Sincerely,

Sene Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Sene Viola

From: Veerkamp, Eric@Energy <Eric.Veerkamp@energy.ca.gov>
Sent: Thursday, June 09, 2016 10:27 AM
To: Sene Viola
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta; Maggie Fitzgerald (Maggie.Fitzgerald@ch2m.com)
Subject: RE: Bio-8 Habitat Assessment, CPM APPROVAL

Sene,

Thank you for providing the notification of the commencement of the habitat surveys in compliance with BIO-8; as such, the submittal has CPM approval, and you may commence with the surveys.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Wednesday, May 25, 2016 11:06 AM
To: Veerkamp, Eric@Energy
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta; Maggie Fitzgerald (Maggie.Fitzgerald@ch2m.com)
Subject: RE: Bio-8 Habitat Assessment, additional information requested

Good Morning Eric,

Melissa Fowler will conduct the nesting bird surveys on June 6th (first survey) at 9am, and June 17th (second survey) at 9am.

Melissa Fowler and Gary Santolo will conduct the habitat assessment on June 10th at 9am.

Please let me know if you have any questions.

Thank you,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

From: Veerkamp, Eric@Energy [<mailto:Eric.Veerkamp@energy.ca.gov>]
Sent: Monday, May 23, 2016 9:52 AM
To: Sene Viola
Cc: Tracy Powell; Joshua Wynia; Ruben Soroeta
Subject: RE: Bio-8 Habitat Assessment, additional information requested

Sene,

I neglected to follow up on this submittal previously. Will you please forward to me the name of the biologist conducting the surveys and assessment, and the timing of the surveys.

Thank you.

Eric W. Veerkamp
Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA. 95814
916-654-4295
eric.veerkamp@energy.ca.gov

From: Sene Viola [<mailto:sene.viola@guest.aes.com>]
Sent: Tuesday, May 17, 2016 10:20 AM
To: Veerkamp, Eric@Energy; Kevin Wedman
Cc: Tracy Powell; Ruben Soroeta; Joshua Wynia
Subject: Bio-8 Habitat Assessment

Good Morning Eric and Kevin,

Per Bio-8, we are planning to conduct the light-footed clapper rail habitat assessment during the week of June 6th.

Please give me a call if you have any questions.

Thank you,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Attachment 3 – AES’s Emergency Action Plan (previously submitted, no changes have been made)
Attachment 4 – AES’s Fire and Prevention Plan (previously submitted, no changes have been made)
Attachment 5 – AES Construction Exposure Monitoring Program

Please give me a call if you have any questions.

Best regards,

Señe Viola
Documents Control Manager/Compliance Analyst
HBEP AES
C: 857.222.4260

Appendix M

Filings/Permits

APPENDIX INTENTIONALLY LEFT BLANK

Appendix N
Complaints, Notices of Violations,
Warnings and Citations

**Project
Owner's Scope Hotline Call Log
November 2016**

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*
11/16/2016	9:34 AM	Eric	Not provided	818-802-2528	Not provided	Not provided	Not provided	Caller inquiring about job opportunities	No	No	Closed	11/16/2016	11:18 AM	Returned call and left message on machine. The call was returned and caller was provided with Kiewit contact information.	JW
11/16/2016	12:18 PM	Randy & Darlene	Not provided	714-616-0561	Not provided	Not provided	Not provided	Caller inquiring about project status/project start date	No	No	Closed	11/16/2016	1:20 PM 1:42 PM	Returned call and left message on machine. Caller returned message and inquired about project status and was informed that work began in August.	SK
11/21/2016	2:08 PM	Not provided	Not provided	954-483-7248	Not provided	Not provided	Not provided	Wrong number	No	No	Closed	11/21/2016	2:08 PM	Answered call directly-wrong number	EKR
11/29/2016	6:47 PM	Not provided	Not provided	425-387-3198	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	11/30/2016	10:37 AM	Returned call went unanswered	EKR

*Responders listed by initials:

SK: Sophia Kollias

JW: Josh Wynia

EKR: Emily Riveramelo