

DOCKETED

Docket Number:	12-AFC-02C
Project Title:	Huntington Beach Energy Project - Compliance
TN #:	214660
Document Title:	COM-6, HBEP Monthly Compliance Report for October 2016
Description:	COM-6 Monthly Compliance Report (MCR) for October 2016, Huntington Beach Energy Project (Demolition)
Filer:	Eric Veerkamp
Organization:	AES Huntington Beach Energy, LLC
Submitter Role:	Applicant
Submission Date:	12/7/2016 11:42:18 AM
Docketed Date:	12/7/2016

November 15, 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 – 006 October 2016, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 006 for the Huntington Beach Energy Project for the month of October 2016, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

Joshua Wynia
Project Director

Enclosure

cc: Project File

REPORT

Huntington Beach Energy Project Monthly Compliance Report – 006

Report Period: October 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

November 15, 2016



Contents

Section	Page
List of Active Conditions October 2016.....	vii
Acronyms and Abbreviations.....	ix
1.0 Current Project Construction Status.....	1
2.0 Construction Activities	1
3.0 Compliance Matrix.....	2
3.1 CEC Documentation	2
3.2 CBO Documentation	2
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
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	7
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	
4-1. Fugitive Dust Control Measures	3

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 Changes to Conditions of Certifications
- L Filings/Permits
- M Complaints, Notices of Violations, Warnings and Citations

List of Active Conditions October 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
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	Feet
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, removed the remaining peaker stacks on October 4, 2016 with the support of a Hill crane and a 265 ton hydraulic crane. In total, 10 stack sections were removed, ranging in weight from 10,000 pounds (lbs) to 33,000 lbs. The stack sections were staged on the east side of the peaker building, disassembled and hauled offsite (approximately 78.5 tons of steel for recycling). GSD completed the pre-demolition engineering survey and utility isolation review of the peaker building. A final walk through of the peaker building was completed to verify mechanical and electrical system isolations and to confirm that all fluid systems were drained of free liquid prior to demolition. Demolition of the peaker building commenced on October 13, 2016 at 15:12. WA Rasic (WAR) mobilized to the site on October 17, 2016 and began the process of cleaning the solidified fuel oil from within the fuel oil pipeline. WAR cold cut the fuel oil lines into 20 foot sections and transferred the sections to an onsite cleaning area, where a crew with a pressure washer and scrapers removed the solidified fuel oil from within the line. WAR removed and cleaned 375' of 20 inch diameter pipe, 390' of 12 inch diameter pipe, and 340' of 10 inch diameter pipe. Safeway Services, LLC) completed a 100 foot mock-up of the proposed scaffolding structure for installing the 12 foot construction screening required in VIS-3. The scaffolding was installed behind the existing 8 foot fence and extends 4' above the 8' fence to provide the required 12 foot construction screening.

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 completed the pre-demolition engineering survey of the peaker building including the utility verification and isolation review.
- GSD completed removal and disassembly of the two stacks, totaling 10 sections from the east side of the peaker building.
- The Fuel oil pipeline insulation removal was completed.
- Demolition began on the Peaker building on October 13, 2016.
- WAR completed the removal and cleaning of the fuel line within the east tank berm and up to the large AST.
- WAR began the process of removing and cleaning of the fuel oil transfer line traversing the LNTP area along the fuel oil tank berm.
- WAR cleaned solidified fuel oil from a previously unidentified roof pontoon from the large AST. The pontoon filled with fuel oil while the tank was in operation and was discovered during demolition.

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)

There were no CBO submittals during this reporting period.

4.0 Required Documents Submitted with this Report

4.1 Air Quality

This section summarizes the activities conducted in October 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 (AQ-CMM) to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.

During construction in October 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. Wash stations to be installed when truck traffic increases.
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 October 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 October 2016 and tagged to indicate compliance with AQ-SC5:

- Volvo EC480EL Excavator
- Takeuchi TL10CR Skid Steer Loader
- JLG 1250 AJP Articulating Boom
- JLG G12-55A Forklift
- 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 October 29, 2016. Records documenting sweeping activities is 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. Fourteen workers received training during this reporting period. A total of 156 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. Fourteen workers received training during this reporting period. A total of 156 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.

5.0 Compliance Requirements Completed During the Reporting Period

No Conditions of Certification submittals occurred during this reporting period.

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.

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 (LNTF) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTF activities. The LNTF 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 LNTF activities approved by the CEC, AES proposed an amended WORKER SAFETY-1 submittal to specifically address the activities being performed under LNTF 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 28 calls with no complaints received. The hotline received 6 calls in the month of October 2016 and 6 callers did not leave a voice message. Call log is included in Appendix M.

Appendix A

Construction Schedule

Activity ID	Activity Name	OD	% Cmpltd	Start	Finish	TF	AES Owner's Schedule																											
							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	
Total		1669	18.09%	09-Mar-15 A	21-Jan-22	0	▶ 21-Jan-22																											
AES HBEP NTP SCHEDULE (CLH) 10-27-16		1669	18.09%	09-Mar-15 A	21-Jan-22	0	▶ 21-Jan-22																											
OSHB-1000	Project Start	0	100%	01-Sep-15 A			▶ Project Start, 01-Sep-15 A																											
OSHB-1100	Review Existing Agreements	10	100%	19-Jan-16 A	20-Apr-16 A		▶ Review Existing Agreements																											
OSHB-1150	Prepare Execution Plan Draft	5	100%	11-Apr-16 A	21-Apr-16 A		▶ Prepare Execution Plan Draft																											
OSHB-1200	Project Execution Plan Final	20	100%	21-Apr-16 A	15-Jul-16 A		▶ Project Execution Plan Final																											
Development of Stakeholder Management Plan		154	99.35%	01-Sep-15 A	27-Oct-16	187	▶ 27-Oct-16, Development of Stakeholder Management Plan																											
Indentification of Stakeholders		154	99.35%	01-Sep-15 A	27-Oct-16	187	▶ 27-Oct-16, Indentification of Stakeholders																											
Internal Stakeholders		1	100%	01-Sep-15 A	18-Jan-16 A		▶ 18-Jan-16 A, Internal Stakeholders																											
OSHB-1210	AES Operations	1	100%	01-Sep-15 A	01-Sep-15 A		▶ AES Operations																											
OSHB-1220	AES E&C	1	100%	18-Jan-16 A	18-Jan-16 A		▶ AES E&C																											
OSHB-1230	Kiewit	1	100%	18-Jan-16 A	18-Jan-16 A		▶ Kiewit																											
OSHB-1240	AGIC	1	100%	18-Jan-16 A	18-Jan-16 A		▶ AGIC																											
OSHB-1250	US SBU Financial	1	100%	18-Jan-16 A	18-Jan-16 A		▶ US SBU Financial																											
OSHB-1260	US SBU Legal	1	100%	18-Jan-16 A	18-Jan-16 A		▶ US SBU Legal																											
OSHB-1270	US SBU Safety	1	100%	18-Jan-16 A	18-Jan-16 A		▶ US SBU Safety																											
OSHB-1280	US SBU Environmental	1	100%	18-Jan-16 A	18-Jan-16 A		▶ US SBU Environmental																											
OSHB-1290	Supply Chain	1	100%	18-Jan-16 A	18-Jan-16 A		▶ Supply Chain																											
OSHB-1300	US SBU Risk Management	1	100%	18-Jan-16 A	18-Jan-16 A		▶ US SBU Risk Management																											
OSHB-1310	AES West BD	1	100%	18-Jan-16 A	18-Jan-16 A		▶ AES West BD																											
External Stakeholder		1	0%	27-Oct-16	27-Oct-16	187	▶ 27-Oct-16, External Stakeholder																											
Wetlands Conservancy		0	0%			0																												
City of HB-1		0	0%			0																												
Southeast Area Neighborhood Committee		0	0%			0																												
CEC/CBO		0	0%			0																												
SCE		1	0%	27-Oct-16	27-Oct-16	187	▶ 27-Oct-16, SCE																											
OSHB-1320	Current Contract	1	0%	27-Oct-16	27-Oct-16	187	▶ Current Contract																											
OSHB-1330	Power Purchase Agreement	1	0%	27-Oct-16	27-Oct-16	187	▶ Power Purchase Agreement																											
OSHB-1340	Switchyard	1	0%	27-Oct-16	27-Oct-16	187	▶ Switchyard																											
OSHB-1350	Remediation	1	0%	27-Oct-16	27-Oct-16	187	▶ Remediation																											
OSHB-1360	Real Estate	1	0%	27-Oct-16	27-Oct-16	187	▶ Real Estate																											
SC Gas		0	0%			0																												
SC Gas-1		0	0%			0																												
Plains future owner		0	0%			0																												

█ Actual Level of Effort
 █ Remaining Work
 █ Critical Remaining Work
 ◆ Milestone
 ▶ summary



AES HBEP NTP SCHEDULE (CLH) 10-27-16				AES Owner's Schedule												01-Nov-16 14:45																
Activity ID	Activity Name	OD	% Cmpltd	Start	Finish	TF	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
OSHB-1595	Approve WASTE-3 to CEC	5	100%	04-Apr-16 A	07-Apr-16 A																											
OSHB-1615	Approve WORKER SAFETY-1 to CEC (HB Fire Department)	70	100%	04-Apr-16 A	24-Aug-16 A																											
OSHB-1655	Approve GEN-2 to CBO Master List of LNTTP CBO Submittals	5	100%	05-Apr-16 A	17-May-16 A																											
OSHB-1650	Submit GEN-2 to CBO Master List of NTP CBO Submittals	30	100%	24-Apr-16 A	24-Apr-16 A																											
OSHB-1445	Approve CUL-1 to CEC	49	100%	25-Apr-16 A	30-Jun-16 A																											
OSHB-1500	Submit GEO-2 to CEC	60	100%	16-May-16 A	16-May-16 A																											
OSHB-1505	Approve GEO-2 to CEC	5	100%	17-May-16 A	29-Aug-16 A																											
OSHB-1520	Submit NOISE-1 to CEC	15	100%	20-May-16 A	20-May-16 A																											
OSHB-1525	Approve NOISE-1 to CEC	5	100%	23-May-16 A	15-Jul-16 A																											
OSHB-1530	Submit NOISE-3 to CEC	30	100%	27-Jun-16 A	27-Jun-16 A																											
OSHB-1535	Approve NOISE-3 to CEC	5	100%	28-Jun-16 A	13-Jul-16 A																											
Utility Construction Risk Management		167	100%	01-Feb-16 A	30-Aug-16 A																											
Above Grade		99	100%	20-Apr-16 A	30-Aug-16 A																											
OSHB-1660	Develop Above Grade Utility Termination Identification Plan	20	100%	20-Apr-16 A	12-Jul-16 A																											
OSHB-1680	Clean/Cut/Cap Existing Utility Clearance Tanks - AG	42	100%	30-Jun-16 A	26-Aug-16 A																											
OSHB-1690	Clean/Cut/Cap Existing Utility Clearance Peak Bldg - AG	48	100%	30-Jun-16 A	26-Aug-16 A																											
OSHB-1670	Access Interior Tanks and Investigate (Cleaning)	38	100%	13-Jul-16 A	30-Aug-16 A																											
Underground		167	100%	01-Feb-16 A	23-Aug-16 A																											
OSHB-1700	Develop Underground Utility Termination Identification Plan	160	100%	01-Feb-16 A	19-Aug-16 A																											
OSHB-1710	Clean/Cut/Cap Existing Utility Clearance All - UG	20	100%	12-Aug-16 A	23-Aug-16 A																											
Environmental Assessment		197	96.44%	14-Sep-15 A	04-Nov-16	181																										
Asbestos and Lead Paint Surveys		31	100%	14-Sep-15 A	30-Nov-15 A																											
OSHB-1720	Site Field Work	7	100%	14-Sep-15 A	22-Sep-15 A																											
OSHB-1730	Development and Review of Survey Document	31	100%	19-Oct-15 A	30-Nov-15 A																											
Soil Sampling & HRA		197	100%	04-Jan-16 A	28-Jun-16 A																											
OSHB-1740	SCE Approval of Sampling Plan on Triangle Land	5	100%	04-Jan-16 A	19-Jan-16 A																											
OSHB-1750	Initial Soil Sampling Work	60	100%	11-Jan-16 A	12-Feb-16 A																											
OSHB-1760	*DRAFT* Site Characterization Field Work and Report	40	100%	12-Jan-16 A	22-Feb-16 A																											
OSHB-1770	No Remediation required	90	100%	09-May-16 A	13-May-16 A																											
OSHB-1755	Return for Additional Soil Sample	5	100%	09-May-16 A	13-May-16 A																											

AES HBEP NTP SCHEDULE (CLH) 10-27-16				AES Owner's Schedule												01-Nov-16 14:45																
Activity ID	Activity Name	OD	% Cmpltd	Start	Finish	TF	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
OSHB-1765	*FINAL* Site Characterization Field Work and Report	31	100%	09-May-16 A	13-May-16 A																											
OSHB-1780	Submit WASTE-1 to CEC	45	100%	28-Jun-16 A	28-Jun-16 A																											
Geotechnical Analysis		75	100%	27-Jan-16 A	22-Jun-16 A																											
OSHB-1790	Meet with Kiewit and confirm schedule	1	100%	27-Jan-16 A	27-Jan-16 A																											
OSHB-1800	Complete geotechnical work plan	40	100%	28-Jan-16 A	23-Mar-16 A																											
OSHB-1810	Conduct Site Survey / Mobilize	3	100%	21-Mar-16 A	23-Mar-16 A																											
OSHB-1820	Geotech Field Work	15	100%	23-Mar-16 A	01-Apr-16 A																											
OSHB-1805	Geotech Work Plan to CBO (FOR INFORMATION ONLY)	1	100%	25-Mar-16 A	25-Mar-16 A																											
OSHB-1830	Complete geotech report	30	100%	04-Apr-16 A	22-Jun-16 A																											
OSHB-1840	No Contamination Found / HRA not Required	7	100%	10-Jun-16 A	10-Jun-16 A																											
NPDES Requirements		72	100%	07-Apr-16 A	15-Jul-16 A																											
OSHB-1860	Development of Construction SWPPP	25	100%	07-Apr-16 A	28-Apr-16 A																											
OSHB-1870	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND COMMENT)	11	100%	29-Apr-16 A	07-Jun-16 A																											
OSHB-1880	Submit SOIL&WATER-1 to CEC	20	100%	29-Apr-16 A	06-Jun-16 A																											
OSHB-1885	Approve Soil & Water and SWPPP	15	100%	07-Jun-16 A	15-Jul-16 A																											
Temporary Utilities - Trailers		135	94.81%	20-Apr-16 A	04-Nov-16	71																										
OSHB-1890	ID Locations	15	100%	20-Apr-16 A	10-May-16 A																											
Service Agreements		120	94.17%	11-May-16 A	04-Nov-16	71																										
OSHB-1900	SCE 220V/480V Supply	120	94.17%	11-May-16 A	04-Nov-16	71																										
OSHB-1910	Internet	90	100%	11-May-16 A	23-Sep-16 A																											
OSHB-1920	Phones	90	100%	11-May-16 A	23-Sep-16 A																											
OSHB-1930	Water	90	100%	11-May-16 A	14-Sep-16 A																											
OSHB-1940	Sewage	20	100%	11-May-16 A	08-Jun-16 A																											
Asbestos and Lead Paint Abatement Admin Work		13	100%	01-Feb-16 A	14-Apr-16 A																											
OSHB-1950	Develop Abatement Technical Specs	5	100%	01-Feb-16 A	05-Feb-16 A																											
OSHB-1960	Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION ONLY)	2	100%	08-Feb-16 A	09-Feb-16 A																											
OSHB-1970	Bid and Award Asbestos and LP Abatement Contractor	8	100%	14-Mar-16 A	23-Mar-16 A																											
OSHB-1980	Submit WASTE-2 form to AQMD and CEC	10	100%	31-Mar-16 A	14-Apr-16 A																											
OSHB-1990	Complete SCAQMD Notification form - Rule 1403	10	100%	31-Mar-16 A	14-Apr-16 A																											
Clean and Cap AES and Plains Abandoned Oil Lines and App		155	96.77%	16-Nov-15 A	02-Nov-16	73																										

Actual Level of Effort Remaining Work Actual Work Critical Remaining Work

Milestone summary



AES HBEP NTP SCHEDULE (CLH) 10-27-16				AES Owner's Schedule												01-Nov-16 14:45														
Activity ID	Activity Name	OD	% Cmpltd	Start	Finish	TF	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
OSHB-2000	Develop Specification for Work	10	100%	16-Nov-15 A	06-May-16 A		Develop Specification for Work																							
OSHB-2010	Bid and Award Contract - Procurement	10	100%	29-Apr-16 A	27-Jun-16 A		Bid and Award Contract - Procurement																							
OSHB-2020	Pig and Cap Oil Lines	27	100%	25-Jul-16 A	19-Aug-16 A		Pig and Cap Oil Lines																							
OSHB-2030	Development of Summary Report	5	0%	27-Oct-16	02-Nov-16	73	Development of Summary Report																							
Field Lead and Asbestos Abatement Work		108	100%	02-May-16 A	19-Aug-16 A		19-Aug-16 A, Field Lead and Asbestos Abatement Work																							
NTP (Prep & Execution)		1170	25.81%	06-Apr-15 A	24-Feb-20	499	24-Feb-20, NTP (Prep & Execution)																							
OSHB-2080	CEC Issuance of LNTP	0	100%	10-Aug-16 A			◆ CEC Issuance of LNTP, 10-Aug-16 A																							
OSHB-2090	LNTP Scope Completion	0	0%		10-Aug-17*	-18	◆ LNTP Scope Completion,																							
Office Trailers		5	100%	01-Sep-16 A	14-Sep-16 A		▼ 14-Sep-16 A, Office Trailers																							
OSHB-2100	CBO Trailer Established	5	100%	01-Sep-16 A	14-Sep-16 A		■ CBO Trailer Established																							
OSHB-2110	AES Trailer	3	100%	01-Sep-16 A	14-Sep-16 A		■ AES Trailer																							
Construction Fencing		180	100%	21-Mar-16 A	13-May-16 A		▼ 13-May-16 A, Construction Fencing																							
OSHB-2120	Submit VIS-3 to CEC (LNTP)	60	100%	21-Mar-16 A	03-May-16 A		■ Submit VIS-3 to CEC (LNTP)																							
OSHB-2150	Install 8' Fence Screening Material	5	100%	03-May-16 A	13-May-16 A		■ Install 8' Fence Screening Material																							
Demolition		201	77.61%	20-Apr-16 A	28-Dec-16	143	▼ 28-Dec-16, Demolition																							
Demolition - Administrative Work		109	100%	20-Apr-16 A	03-Aug-16 A		▼ 03-Aug-16 A, Demolition - Administrative Work																							
OSHB-2160	Complete Demolition Specification	30	100%	20-Apr-16 A	06-Jun-16 A		■ Complete Demolition Specification																							
OSHB-2170	Demolition Specification to CBO (FOR REVIEW AND COMMENT)	20	100%	01-Jun-16 A	06-Jul-16 A		■ Demolition Specification to CBO (FOR REVIEW AND COMMENT)																							
OSHB-2180	Procure Demo Contractor	20	100%	01-Jul-16 A	18-Jul-16 A		■ Procure Demo Contractor																							
OSHB-2190	Demo Contractor Develop/Submit Field Work Plan	15	100%	21-Jul-16 A	03-Aug-16 A		■ Demo Contractor Develop/Submit Field Work Plan																							
OSHB-2200	Full Demolition Pkg to CBO (FOR REVIEW AND COMMENT)	20	100%	27-Jul-16 A	27-Jul-16 A		Full Demolition Pkg to CBO (FOR REVIEW AND COMMENT)																							
Demo AES and Plains Abandoned Oil Lines		112	59.82%	15-Aug-16 A	28-Dec-16	143	▼ 28-Dec-16, Demo AES and Plains Abandoned Oil Lines																							
OSHB-2210	Coordination with Wetlands Stakeholders	3	100%	15-Aug-16 A	24-Aug-16 A		■ Coordination with Wetlands Stakeholders																							
OSHB-2220	Moblize Demo Crew & Equipment	17	100%	15-Aug-16 A	30-Aug-16 A		■ Moblize Demo Crew & Equipment																							
OSHB-2440	Secure Site (i.e. exterior fencing, etc. install VIS 3 Fence)	60	78.33%	26-Aug-16 A	14-Nov-16	10	■ Secure Site (i.e. exterior fencing, etc. install VIS 3 Fence)																							
OSHB-2280	Demo Peaker Fuel and FO Tank For Sampling	5	100%	29-Aug-16 A	07-Sep-16 A		■ Demo Peaker Fuel and FO Tank For Sampling																							
OSHB-2235	Demo Abandoned Oil Lines (AES)	55	32.73%	29-Aug-16 A	16-Dec-16	76	■ Demo Abandoned Oil Lines (AES)																							
OSHB-2260	Clean FO and Peaker Fuel Tank Interior	15	100%	30-Aug-16 A	02-Sep-16 A		Clean FO and Peaker Fuel Tank Interior																							
OSHB-2290	Demo Peaker Fuel and FO Tank	20	75%	07-Sep-16 A	02-Nov-16	18	■ Demo Peaker Fuel and FO Tank																							
OSHB-2310	Verification of Reused Assets and Interconnects	10	100%	15-Sep-16 A	13-Oct-16 A		■ Verification of Reused Assets and Interconnects																							
OSHB-2240	Demo Peaker Building, Peaker Aux Building & Fuel Skid	60	46.67%	29-Sep-16 A	09-Dec-16	76	■ Demo Peaker Building, Peaker Aux Building & Fuel Skid																							

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



AES HBEP NTP SCHEDULE (CLH) 10-27-16				AES Owner's Schedule												01-Nov-16 14:45																
Activity ID	Activity Name	OD	% Cmpl	Start	Finish	TF	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
OSHB-2250	Demo Peaker 66kV Line	20	0%	14-Nov-16*	09-Dec-16	76																										
OSHB-2300	Maintenance & Storage Building Relocation	5	0%	14-Nov-16*	18-Nov-16	171																										
OSHB-2230	Demo Abandoned Oil Lines (Plains)	30	0%	17-Nov-16	28-Dec-16	63																										
Soil Remediation Above Ground Storage Tank		199	0%	07-Nov-16	10-Aug-17	-18																										
OSHB-2320	Develop Work Plan for DTSC	34	0%	07-Nov-16*	22-Dec-16	-18																										
OSHB-2330	Remedial Action Plan/HHRA to CBO (FOR INFORMATION ONLY)	20	0%	23-Dec-16	19-Jan-17	-18																										
OSHB-2340	Contract with Soil Remediation	20	0%	20-Jan-17	16-Feb-17	-18																										
OSHB-2350	Site Remediation	45	0%	17-Feb-17	20-Apr-17	-18																										
OSHB-2360	Prepare / Submit Remedial Conformation Report to DTSC	20	0%	21-Apr-17	18-May-17	-18																										
OSHB-2370	DTSC review and approval	60	0%	19-May-17	10-Aug-17	-18																										
Excavate Containment Berms		113	33.63%	15-Jul-16 A	20-Feb-17	0																										
OSHB-2392	Develop Specification for Work	10	100%	15-Jul-16 A	01-Aug-16 A																											
OSHB-2393	Bid and Award Contract - Procurement	5	100%	01-Aug-16 A	30-Aug-16 A																											
OSHB-2394	VIS-3: Construction Fencing to CBO 12' Fence (FOR REVIEW AND	0	0%	08-Nov-16*		0																										
OSHB-2404	Approval of VIS-3 by CEC and CBO	10	0%	08-Nov-16	21-Nov-16	5																										
OSHB-2480	Demo Berms	60	0%	29-Nov-16*	20-Feb-17	0																										
Newland Parking		346	6.36%	30-Jun-16 A	23-Jan-18	1043																										
OSHB-2560	Traffic Analysis/Assessment	169	50.3%	30-Jun-16 A	21-Feb-17	1043																										
OSHB-2570	Design Entrance	60	0%	22-Feb-17	16-May-17	1043																										
OSHB-2580	Submit / Approve City of HB permit	60	0%	17-May-17	08-Aug-17	1043																										
OSHB-2590	AES Obtain Lease of Newland	0	0%		08-Aug-17	1043																										
OSHB-2600	Construct	120	0%	09-Aug-17	23-Jan-18	1043																										
Outage Work		868	0%	27-Oct-16	24-Feb-20	499																										
OSHB-2610	Operational Interfaces	5	0%	27-Oct-16	02-Nov-16	178																										
OSHB-2620	Security Segregation Work for Kiewit	5	0%	03-Nov-16	09-Nov-16	178																										
Planned Outages for Existing Units		868	0%	27-Oct-16	24-Feb-20	499																										
OSHB-1020	Develop Outage Plan	5	0%	27-Oct-16	02-Nov-16	1362																										
Unit 1		1122	0%	29-Jan-17	24-Feb-20	0																										
OSHB-1030	Misc. Maintenance	21	0%	29-Jan-17*	18-Feb-17	0																										
OSHB-1040	Misc. Maintenance	15	0%	04-Feb-18*	18-Feb-18	0																										
OSHB-1050	Misc. Maintenance	15	0%	03-Feb-19*	17-Feb-19	0																										
Unit 2		1108	0%	12-Feb-17	24-Feb-20	0																										
A1060	Misc. Maintenance	22	0%	12-Feb-17*	05-Mar-17	0																										
A1070	Misc. Maintenance	15	0%	11-Feb-18*	25-Feb-18	0																										
A1080	Misc. Maintenance	16	0%	13-Feb-19*	28-Feb-19	0																										

█ Actual Level of Effort █ Remaining Work ◆ Milestone
█ Actual Work █ Critical Remaining Work ▬ summary



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 ACTIVITES	
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 Abetment	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTP 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
Site Remediation (If required)	Mar 10, 2017
Removal of Berms	Apr 21, 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 (AQCMM)	AES				4/1/2016	Approved	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.
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 comemnts 4/8/16. CH2M addressing comments and will provide fro review by 4/11/16. Re-submitted to USFWS 4/12/16. USFWS provided comments back 4/12/16, CH2M adressing comments. Provided comments to USFWS and added Gary Santolo's resume to accompyr 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.
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.

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-3	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	CH2MHill				3/9/2016	CEC Review	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 LNTP 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
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

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-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
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

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

Color code key:	Demolition Item	Construction	Closeout Item	Date Submitted to CEC or Agency	Date Approved by CEC or Agency
-----------------	-----------------	--------------	---------------	---------------------------------	--------------------------------

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
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	CONSTRUCTION		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	CONSTRUCTION		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	CONSTRUCTION		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.				

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-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	CONSTRUCTION		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 tsunamis. 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 tsunamis, 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	CONSTRUCTION		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 noisy 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.				

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
		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 HBEOP 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					9/23/2016		
		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

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
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
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.				
		If Needed							

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
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 - Pipeline 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	CONSTRUCTION		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)
October 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	September Invoice - 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	NV5 CBO Agreement For HBES
NV5 INC	10/12/2016	10/21/2016	11/11/2016	-1,075.07	53080	NV5 CBO Agreement For HBES

Appendix E

Air Quality



**Construction Equipment
& Services**

10/30/2016

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 10/30/2016: 1248 hours.

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

Last inspection by Volvo technician: 9/22/2016.

Last inspection by Volvo Product Support: 10/26/2016.

Next oil service due: 1500 hours.

R/S,

BK FARRELL

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



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

10-28-16

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.

E.I.N.

- | | |
|---|---------------|
| 1. SKID STEER TRACK LOADER 2400#> UNIT # 10519303 | <u>KT8C54</u> |
| 2. Boom 125' Articulating Unit # 10265164 | LY5A47 |

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

Mark Skye
Branch Manager
United Rentals, Inc.



11/03/16

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 Sunstate Equipment Co. recommendations.

This is for the the below listed equipment on rent to W.A Rasic Construction at: 21730 Newland St, Huntington Beach Ca

1. 12K Telehandler Reach Forklift – Unit# 130477 ARB# EC9H83

All info verified by:
LA Metro Service Department
4460 E. La Palma Ave
Anaheim, Ca 92807

Ed Ness
Metro Sales Manager
Sunstate Equipment Co.

A handwritten signature in blue ink, appearing to read "Ed Ness", is written over a light blue rectangular background.

www.sunstateequip.com

5552 E. WASHINGTON • PHOENIX, ARIZONA 85034 • PHONE (602) 275-2398 • (800) 229-2398



October 31, 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

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

A handwritten signature in blue ink, appearing to read "Jack Quick", is written over a faint, large, light blue watermark of the "WAR" logo.

Jack Quick
Project Manager
W.A. Rasic Construction

Appendix E
HBEP Off Road Diesel Equipment

<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID</u> <u>6 digit alpha</u> <u>numeric</u>	<u>HBEP ID</u>	<u>Equipment</u>						<u>Engine</u>							
				<u>Manufact</u> <u>urer</u>	<u>Model/</u> <u>Descripti</u> <u>on</u>	<u>Model</u> <u>Year</u>	<u>Serial</u> <u>Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufact</u> <u>urer</u>	<u>Engine</u> <u>Family</u>	<u>Engine</u> <u>Model</u>	<u>Displace</u> <u>ment (L)</u>	<u>Model</u> <u>Year</u>	<u>Serial</u> <u>Number</u>	<u>Diesel</u> <u>(hp)</u>	<u>Tier</u>
8/25/2016	onsite	VK3D96	HBEP-EN004	Volvo	EC480EL Excavator	2015	310118	Volvo Construct ion Equipme nt & 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	SJ86T Boom	2015	97100108	United Rentals	GSD	Deutz	FDZXL02 .9020	TD2.9L4	2.9 L	2015	11772765	74	4F
8/18/2016	8/29/2016	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	Case	FPT Industrial	EFPXL03 .4ADD	FPT F5BFL413 A	3.4 L	2014	201279	109	4
9/21/2016	09/29/16	NN5A78	HBEP-EN006	Genie	Z-80/60 Articulati ng Boom	2011	Z8011-3169	United Rentals	GSD	Deutz	BDZXL03 .6082	TD2011L0 41	3.6 L	2011	11055233	74	4I
10/3/2016	10/04/16	LY5A47	HBEP-EN007	JLG	1250AJP Articulati ng Boom	2014	300186601	United Rentals	GSD	Deutz	DDZXL02 .9016	TCD 2.9 L4	2.9L	2013	11544050	74	4F
10/17/2016	onsite	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

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@huntingtonbeach.com, c=US,
Date: 2016.10.03 09:43:51 -0700

Date: 10-03 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	none
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	not yet needed, will deploy when 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:
1250AJP Articulating Boom brought onsite

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@huntingtonenergy.com, c=US
Date: 2016.10.03 09:44:53 -0700

Date: 10-03 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?	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:
1250AJP Articulating Boom brought onsite

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@huntingtonbeach.com, c=US,
Date: 2016.10.04 15:43:03 -0700

Date: 10-04 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	none
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	not yet needed, will deploy when 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:
articulate boom lift removed from site

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.04 12:43:14 -0700

Date: 10-04 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?	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:
articulate boom lift removed from site

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@huntingtonbeach.com, c=US
Date: 2016.10.05 15:44:58 -0700

Date: 10-05 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	none
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	not yet needed, will deploy when 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@huntingtonenergy.com, c=US
Date: 2016.10.05 14:45:10 -0700

Date: 10-05 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@huntingtonbeach.com, c=US
Date: 2016.10.10 14:54:07-0700

Date: 10-06 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	none
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	not yet needed, will deploy when 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.06 14:45:41 -0700

Date: 10-06 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, 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@huntingbeachenergy.com,
c=US, 2.5.4.2.1=1010144436-0700

Date: 10-07 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	none
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	not yet needed, will deploy when 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@hbcenergy.com, c=US
Date: 2016.10.07 14:44:18 -0700

Date: 10-07 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@huntingtonbeach.com, c=US
Date: 2016.10.17 15:53:07 -0700

Date: 10-10 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	none
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	not yet needed, will deploy when 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@hbcenergy.com, c=US
Date: 2016.10.10 15:12:07-0700

Date: 10-10 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@huntingtonbeach.com, c=US
Date: 2016.10.11 15:43:07-0700

Date: 10-11 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	none
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	not yet needed, will deploy when 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, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.11.12:17:00 -0700

Date: 10-11 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@huntingtonbeach.com, c=US
Date: 2016.10.11 10:22:24 -0700

Date: 10-12 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	none
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 deployed, wheel 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, LNTP
(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 LNTP,
email=mark.smith@hbcenergy.com, c=US
Date: 2016.10.12 13:13:18 -0700

Date: 10-12 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@huntingtonbeach.com, c=US
Date: 2016.10.13 10:28:10 -0700

Date: 10-13 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, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.13.15:26:24 -0700

Date: 10-13 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, 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@huntingtonbeach.com, c=US
Date: 2016.10.17 10:27:56 -0700

Date: 10-14 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 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=marksmith@hbcenergy.com, c=US
Date: 2016.10.14 12:17:21 -0700

Date: 10-14 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@huntingbeachenergy.com, c=US
Date: 2016.10.21 16:52:24 -0700

Date: 10-17 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?	y	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:
Equipment delivered today included JLG Gradall fork lift G12-55

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=marksmith@hbcenergy.com, c=US
Date: 2016.10.17.16:10:06 -0700

Date: 10-17 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?	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:
Equipment delivered today included JLG Gradall fork lift G12-55

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@huntingbeachenergy.com,
c=US, 2.5.4.97=10221817501-07007

Date: 10-18 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?	y	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
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, LNTP
(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 LNTP,
email=marksmith@huntington.com, c=US
Date: 2016.10.18 16:17:19 -0700

Date: 10-18 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@huntingtonbeach.com, c=US
Date: 2016.10.20 16:17:58 -0700

Date: 10-19 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, LNTP
(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 LNTP,
email=mark.smith@huntingtonenergy.com, c=US
Date: 2016.10.19.16:17:47 -0700

Date: 10-19 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@huntingtonbeach.com, c=US
Date: 2016.10.20 16:18:17 -0700

Date: 10-20 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@hbcenergy.com, c=US
Date: 2016.10.20 16:18:11 -0700

Date: 10-20 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, 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@huntingtonbeach.com, c=US
Date: 2016.10.21 16:52:11 -0700

Date: 10-21 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 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, LNTP
(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 LNTP,
email=mark.smith@hbepl.com, c=US
Date: 2016.10.21.16:19:10 -0700

Date: 10-21 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@huntingtonbeach.com, c=US
Date: 2016.10.24 09:52:28 -0700

Date: 10-24 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, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.24 09:04:41 -0700

Date: 10-24 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@huntingtonbeach.com, c=US
Date: 2016.10.25 09:07:54 -0700

Date: 10-25 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, LNTP
(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 LNTP,
email=mark.smith@huntingtonenergy.com, c=US
Date: 2016.10.25 09:11:47-0700

Date: 10-25 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@huntingtonbeach.com, c=US
Date: 2016.10.26 11:20:38 -0700

Date: 10-26 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=mark.smith@huntington.com, c=US
Date: 2016.10.26 11:05:15 -0700

Date: 10-26 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@huntingtonbeach.com, c=US
Date: 2016.10.27 11:21:47 -0700

Date: 10-27 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? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	n	

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

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(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 LNTP,
email=marksmith@hbcenergy.com, c=US
Date: 2016.10.27 12:21:11 -0700

Date: 10-27 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, 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@huntingbeachenergy.com,
c=US, 2.5.4.3=1028112234-0700

Date: 10-28 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 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, LNTP
(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 LNTP,
email=mark.smith@hbepl.com, c=US
Date: 2016.10.28 11:22:48 -0700

Date: 10-28 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: _____

Date: 10-31 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, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: _____

Date: 10-31 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:

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 October 29, 2016 between the hours of 3:00 AM and 6:00 AM. TYMCO Model 600 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 SCAQMD Certified CNG alternative fueled street sweepers.



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
2:24:57 AM	LOC	WF	58mph S	San Gabriel River Fwy/I-605 Cerritos CA 90703
2:25:58 AM	LOC	WF	59mph S	San Gabriel River Fwy/I-605 Cerritos CA 90703
2:26:59 AM	LOC	WF	51mph S	San Gabriel River Fwy/I-605 Lakewood CA 90715
2:28:00 AM	LOC	WF	56mph S	San Gabriel River Fwy/I-605 Long Beach CA 90808
2:29:01 AM	LOC	WF	55mph S	San Gabriel River Fwy/I-605 Long Beach CA 90808
2:30:02 AM	LOC	WF	54mph SW	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
2:31:03 AM	LOC	WF	54mph S	EXIT 1C Los Alamitos CA 90720
2:32:04 AM	LOC	WF	54mph SE	San Diego Fwy/I-405 Seal Beach CA 90740
2:33:05 AM	LOC	WF	52mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
2:34:06 AM	LOC	WF	63mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
2:35:07 AM	LOC	WF	62mph SE	San Diego Fwy/I-405 Westminster CA 92683
2:36:08 AM	LOC	WF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
2:37:09 AM	LOC	WF	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
2:38:10 AM	LOC	WF	54mph SE	San Diego Fwy/I-405 Westminster CA 92683
2:39:11 AM	LOC	WF	25mph S	Center Ave & Beach Blvd Huntington Beach CA 92647
2:40:12 AM	LOC	WF		Beach Blvd/CA-39 Huntington Beach CA 92647
2:41:13 AM	LOC	WF	5mph N	16311 Beach Blvd/CA-39 Huntington Beach CA 92647
2:42:14 AM	LOC	WF	36mph S	16807 Beach Blvd/CA-39 Huntington Beach CA 92647
2:43:15 AM	LOC	WF	40mph S	17399 Beach Blvd/CA-39 Huntington Beach CA 92647
2:44:16 AM	LOC	WF	39mph S	18105 Beach Blvd/CA-39 Huntington Beach CA 92648
2:45:17 AM	LOC	WF	42mph S	18875 Beach Blvd/CA-39 Huntington Beach CA 92648
2:46:18 AM	LOC	WF	6mph N	19489 Beach Blvd/CA-39 Huntington Beach CA 92648
2:47:19 AM	LOC	WF	32mph S	19939 Beach Blvd/CA-39 Huntington Beach CA 92648
2:48:10 AM	STOP	WF	5mph S	8004 Adams Ave & Beach Blvd Huntington Beach CA 92646
2:48:20 AM	LOC	WF	4mph S	20024 Beach Blvd/CA-39 Huntington Beach CA 92648



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
2:49:21 AM	LOC	WF		20028 Beach Blvd/CA-39 Huntington Beach CA 92648
2:50:22 AM	LOC	WF		20026 Beach Blvd/CA-39 Huntington Beach CA 92648
2:51:23 AM	LOC	WF		20028 Beach Blvd/CA-39 Huntington Beach CA 92648
2:52:24 AM	LOC	WF		20026 Beach Blvd/CA-39 Huntington Beach CA 92648
2:53:25 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:54:26 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:55:27 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:56:28 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:57:29 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:58:30 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
2:59:31 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
3:00:32 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
3:01:33 AM	LOC	WF		20030 Beach Blvd/CA-39 Huntington Beach CA 92648
3:02:34 AM	LOC	WF		20028 Beach Blvd/CA-39 Huntington Beach CA 92648
3:03:35 AM	LOC	WF		20026 Beach Blvd/CA-39 Huntington Beach CA 92648
3:04:36 AM	LOC	WF		20026 Beach Blvd/CA-39 Huntington Beach CA 92648
3:05:37 AM	LOC	WF		20026 Beach Blvd/CA-39 Huntington Beach CA 92648
3:06:38 AM	LOC	WF		20028 Beach Blvd/CA-39 Huntington Beach CA 92648
3:07:11 AM	INB	BO	5mph S	20004 Beach Blvd/CA-39 Huntington Beach CA 92648 BROOMS ON



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245			
10/29/2016			
3:07:12 AM	INB	WO	5mph S 20004 Beach Blvd/CA-39 Huntington Beach CA 92648 WATER ON
3:07:39 AM	LOC	WO	5mph S 8026 Adams Ave & Beach Blvd Huntington Beach CA 92646
3:07:45 AM	STOP	WO	5mph E 8034 Adams Ave & Beach Blvd Huntington Beach CA 92646
3:08:40 AM	LOC	WO	3mph E 8082 Adams Ave & Coldwater Ln Huntington Beach CA 92646
3:09:41 AM	LOC	WO	2mph E 8122 Adams Ave & Coldwater Ln Huntington Beach CA 92646
3:10:42 AM	LOC	WO	8168 Adams Ave & Rothert Ln Huntington Beach CA 92646
3:11:43 AM	LOC	WO	2mph E 8218 Adams Ave & Rothert Ln Huntington Beach CA 92646
3:12:44 AM	LOC	WO	3mph E 8314 Adams Ave & Rothert Ln Huntington Beach CA 92646
3:13:45 AM	LOC	WO	1mph E 8408 Adams Ave & Newland St Huntington Beach CA 92646
3:14:36 AM	INB	WF	2mph E 8486 Adams Ave & Newland St Huntington Beach CA 92646 WATER OFF
3:14:37 AM	INB	BF	2mph E 8486 Adams Ave & Newland St Huntington Beach CA 92646 BROOMS OFF
3:14:46 AM	LOC	BF	8486 Adams Ave & Newland St Huntington Beach CA 92646
3:14:54 AM	INB	BO	8486 Adams Ave & Newland St Huntington Beach CA 92646 BROOMS ON
3:14:55 AM	INB	WO	8488 Adams Ave & Newland St Huntington Beach CA 92646 WATER ON
3:15:13 AM	STOP	WO	5mph E 8506 Adams Ave & Newland St Huntington Beach CA 92646
3:15:47 AM	LOC	WO	4mph E 8560 Adams Ave & Vintage Ln Huntington Beach CA 92646
3:16:48 AM	LOC	WO	3mph E 8660 Adams Ave & Treasure Cir Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
3:17:49 AM	LOC	WO	3mph E	8900 Adams Ave & Estuary Ln Huntington Beach CA 92646
3:18:50 AM	LOC	WO	4mph E	8926 Adams Ave & Mayport Ln Huntington Beach CA 92646
3:19:51 AM	LOC	WO	4mph E	8960 Adams Ave & Mayport Ln Huntington Beach CA 92646
3:20:52 AM	LOC	WO	6mph E	9002 Adams Ave & Magnolia St Huntington Beach CA 92646
3:20:55 AM	STOP	WO	5mph E	9010 Adams Ave & Magnolia St Huntington Beach CA 92646
3:21:53 AM	LOC	WO	5mph E	9140 Adams Ave & Shorewood Cir Huntington Beach CA 92646
3:22:54 AM	LOC	WO	5mph E	9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646
3:23:55 AM	LOC	WO	4mph E	9500 Adams Ave & Marina Ln Huntington Beach CA 92646
3:24:56 AM	LOC	WO	5mph E	9500 Adams Ave & Moontide Cir Huntington Beach CA 92646
3:25:56 AM	INB	BF	4mph E	20002 Bushard St & Adams Ave Huntington Beach CA 92646 BROOMS OFF
3:25:57 AM	LOC	WO	4mph E	20000 Bushard St & Adams Ave Huntington Beach CA 92646
3:26:01 AM	INB	BO	4mph E	9500 Adams Ave & Bushard St Huntington Beach CA 92646 BROOMS ON
3:26:58 AM	LOC	BO	2mph E	9548 Adams Ave & Sidcup Ln Huntington Beach CA 92646
3:27:59 AM	LOC	BO	3mph E	Derbyshire Ln & Adams Ave Huntington Beach CA 92646
3:28:39 AM	INB	BF		9646 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 BROOMS OFF
3:28:44 AM	INB	BO		9648 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 BROOMS ON
3:29:00 AM	LOC	BO	1mph E	9666 Adams Ave & Derbyshire Ln Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
3:30:01 AM	LOC	BO	2mph E	9774 Adams Ave & Sutton Ln Huntington Beach CA 92646
3:31:02 AM	LOC	BO	2mph E	9832 Adams Ave & Sutton Ln Huntington Beach CA 92646
3:32:03 AM	LOC	BO	4mph E	9930 Adams Ave & Brookhurst St Huntington Beach CA 92646
3:33:04 AM	LOC	BO	6mph S	20027 Brookhurst St & Adams Ave Huntington Beach CA 92646
3:33:48 AM	STOP	BO	5mph S	20083 Brookhurst St & Adams Ave Huntington Beach CA 92646
3:34:05 AM	LOC	BO	5mph S	20115 Brookhurst St & Meredith Dr Huntington Beach CA 92646
3:34:51 AM	INB	BF	4mph S	20183 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				BROOMS OFF
3:34:52 AM	INB	WF	4mph S	20183 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				WATER OFF
3:35:06 AM	LOC	WF		20185 Brookhurst St & Meredith Dr Huntington Beach CA 92646
3:35:45 AM	INB	BO		20183 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				BROOMS ON
3:36:07 AM	LOC	BO		20183 Brookhurst St & Meredith Dr Huntington Beach CA 92646
3:36:10 AM	INB	WO		20183 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				WATER ON
3:37:08 AM	LOC	WO	3mph S	20199 Brookhurst St & Jon Day Dr Huntington Beach CA 92646
3:38:09 AM	LOC	WO	2mph S	20199 Brookhurst St & Birchwood Dr Huntington Beach CA 92646
3:39:10 AM	LOC	WO	3mph S	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
3:40:11 AM	LOC	WO	3mph S	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
3:41:12 AM	LOC	WO	4mph S	20199 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
3:41:30 AM	STOP	WO	5mph S	20801 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
3:42:13 AM	LOC	WO	4mph S	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
3:43:14 AM	LOC	WO	5mph S	20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
3:44:15 AM	LOC	WO	5mph S	20895 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
3:45:04 AM	STOP	WO	5mph S	21019 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
3:45:16 AM	LOC	WO	4mph S	21043 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
3:46:17 AM	LOC	WO	4mph S	21117 Brookhurst St & Sprit Cir Huntington Beach CA 92646
3:47:18 AM	LOC	WO	5mph S	21191 Brookhurst St & Effingham Dr Huntington Beach CA 92646
3:48:19 AM	LOC	WO	3mph S	21315 Brookhurst St & Effingham Dr Huntington Beach CA 92646
3:49:20 AM	LOC	WO	3mph S	21419 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
3:50:21 AM	LOC	WO	5mph S	9995 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
3:51:22 AM	LOC	WO	4mph S	9925 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
3:52:23 AM	LOC	WO	6mph W	9807 Hamilton Ave & St John Ln Huntington Beach CA 92646
3:53:24 AM	LOC	WO	5mph W	9699 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
3:54:25 AM	LOC	WO	3mph N	9581 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
3:55:24 AM	STOP	WO	5mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646
3:55:26 AM	LOC	WO	5mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646
3:56:27 AM	LOC	WO	5mph W	Northshore Ln & Hamilton Ave Huntington Beach CA 92646
3:57:29 AM	LOC	WO	4mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
3:58:12 AM	STOP	BF	5mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
3:58:30 AM	LOC	WO	5mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
3:58:47 AM	INB	WF	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 BROOMS OFF
3:58:47 AM	INB	WF	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 WATER OFF
3:59:31 AM	LOC	BF		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:00:32 AM	LOC	BF		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:00:35 AM	INB	BO		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 BROOMS ON
4:00:36 AM	INB	WO		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 WATER ON
4:01:33 AM	LOC	WO	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:02:34 AM	LOC	WO	5mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:02:42 AM	STOP	WF	5mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:03:35 AM	LOC	WO	5mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:04:13 AM	INB	BF	4mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 BROOMS OFF
4:04:22 AM	INB	WF		8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 WATER OFF
4:04:36 AM	LOC	WF	2mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:05:34 AM	STOP	BO	5mph N	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:05:37 AM	LOC	WF	1mph N	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
4:06:38 AM	LOC	WF		8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:07:03 AM	INB	WO		8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 BROOMS ON
4:07:03 AM	INB	WO		8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 WATER ON
4:07:39 AM	LOC	BO	4mph N	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:08:40 AM	LOC	BO	6mph W	8665 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:09:41 AM	LOC	BO	6mph W	8541 Hamilton Ave & Newland St Huntington Beach CA 92646
4:10:18 AM	INB	WF	3mph W	21501 Newland St & Hamilton Ave Huntington Beach CA 92646 BROOMS OFF
4:10:18 AM	INB	WF	3mph W	21501 Newland St & Hamilton Ave Huntington Beach CA 92646 WATER OFF
4:10:35 AM	INB	BO		21501 Newland St & Hamilton Ave Huntington Beach CA 92646 BROOMS ON
4:10:36 AM	INB	WO		21501 Newland St & Hamilton Ave Huntington Beach CA 92646 WATER ON
4:10:42 AM	LOC	WO	2mph W	21505 Newland St & Hamilton Ave Huntington Beach CA 92646
4:11:43 AM	LOC	WO	9mph S	21701 Newland St & Edison Dr Huntington Beach CA 92646
4:12:44 AM	LOC	WO	6mph SW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
4:13:45 AM	LOC	WO	5mph SW	21841 Newland St & Biscayne Dr Huntington Beach CA 92646
4:14:46 AM	LOC	WO	5mph NE	21824 Newland St & Biscayne Dr Huntington Beach CA 92646
4:15:47 AM	LOC	WO	5mph NE	21752 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
4:16:48 AM	LOC	WO	4mph N	21632 Newland St & Edison Dr Huntington Beach CA 92646
4:17:47 AM	INB	WF	6mph NE	21502 Newland St & Hamilton Ave Huntington Beach CA 92646 WATER OFF
4:17:48 AM	INB	BF	5mph NE	8500 Hamilton Ave & Newland St Huntington Beach CA 92646 BROOMS OFF
4:17:49 AM	LOC	WF	5mph NE	8500 Hamilton Ave & Newland St Huntington Beach CA 92646
4:18:50 AM	LOC	BF	1mph N	8548 Hamilton Ave & Newland St Huntington Beach CA 92646
4:19:29 AM	INB	BO		8558 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646 BROOMS ON
4:19:31 AM	INB	WO		8562 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646 WATER ON
4:19:51 AM	LOC	WO	8mph E	8618 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646
4:20:52 AM	LOC	WO	6mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:21:03 AM	STOP	WO	5mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:21:53 AM	LOC	WO	4mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
4:22:54 AM	LOC	WO	5mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:23:42 AM	STOP	BF	5mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:23:55 AM	LOC	WO	3mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:24:00 AM	INB	BF	2mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646 BROOMS OFF
4:24:01 AM	INB	WF	2mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646 WATER OFF



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 245

10/29/2016

4:24:47 AM	INB	BO		Hamilton Ave & Magnolia St Huntington Beach CA 92646 BROOMS ON
4:24:48 AM	INB	WO		Hamilton Ave & Magnolia St Huntington Beach CA 92646 WATER ON
4:24:48 AM	STCH	WO		Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:24:56 AM	LOC	WO	1mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646
4:25:11 AM	INB	WF	2mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 BROOMS OFF
4:25:11 AM	INB	WF	2mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 WATER OFF
4:25:57 AM	LOC	BF		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:26:35 AM	INB	WO		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 BROOMS ON
4:26:35 AM	INB	WO		Hamilton Ave & Polynesian Ln Huntington Beach CA 92646 WATER ON
4:26:58 AM	LOC	BO	1mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:27:59 AM	LOC	BO	2mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:29:00 AM	LOC	BO	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
4:30:01 AM	LOC	BO	3mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
4:31:02 AM	LOC	BO	4mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
4:32:03 AM	LOC	BO	3mph E	Hamilton Ave & Bushard St Huntington Beach CA 92646
4:33:04 AM	LOC	BO	4mph E	9580 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245			
10/29/2016			
4:34:04 AM	STOP	WO	5mph E 9696 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
4:34:05 AM	LOC	BO	5mph E 9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
4:34:10 AM	INB	BF	1mph E 9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 BROOMS OFF
4:34:27 AM	INB	WF	9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 WATER OFF
4:35:06 AM	LOC	WF	9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
4:35:30 AM	INB	BO	21499 Via Straits Ln & Hamilton Ave Huntington Beach CA 92646 BROOMS ON
4:35:31 AM	INB	WO	21499 Via Straits Ln & Hamilton Ave Huntington Beach CA 92646 WATER ON
4:36:07 AM	LOC	WO	3mph E 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646
4:36:21 AM	INB	BF	3mph E 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS OFF
4:36:28 AM	INB	WF	1mph E 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646 WATER OFF
4:37:08 AM	LOC	WF	9800 Hamilton Ave & St John Ln Huntington Beach CA 92646
4:37:43 AM	INB	BO	1mph E 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS ON
4:38:10 AM	LOC	BO	1mph E 21503 St John Ln/Saint John Ln Huntington Beach CA 92646
4:39:11 AM	LOC	BO	1mph E 9812 Hamilton Ave & St John Ln Huntington Beach CA 92646
4:40:12 AM	LOC	BO	2mph E 9828 Hamilton Ave & St John Ln Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
4:41:13 AM	LOC	BO	3mph E	9960 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
4:41:41 AM	INB	BF	3mph E	9994 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 BROOMS OFF
4:41:50 AM	INB	BO		9996 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 BROOMS ON
4:42:05 AM	INB	BF		21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646 BROOMS OFF
4:42:14 AM	LOC	BF		21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
4:43:00 AM	INB	BO	9mph N	21498 Brookhurst St & Hamilton Ave Huntington Beach CA 92646 BROOMS ON
4:43:01 AM	INB	WO	9mph N	21498 Brookhurst St & Hamilton Ave Huntington Beach CA 92646 WATER ON
4:43:15 AM	LOC	WO	2mph N	21474 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
4:44:07 AM	STOP	WO	5mph N	21376 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
4:44:16 AM	LOC	WO	5mph N	21368 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
4:45:17 AM	LOC	WO	1mph N	21300 Brookhurst St & Effingham Dr Huntington Beach CA 92646
4:46:18 AM	LOC	WO	4mph N	21178 Brookhurst St & Spar Cir Huntington Beach CA 92646
4:47:19 AM	LOC	WO	6mph N	21070 Brookhurst St & Dana Dr Huntington Beach CA 92646
4:48:20 AM	LOC	WO	6mph N	20956 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
4:48:32 AM	STOP	WO	5mph N	20914 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
4:49:21 AM	LOC	WO	4mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
4:50:22 AM	LOC	WO	4mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
4:51:23 AM	LOC	WO	5mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
4:52:24 AM	LOC	WO	3mph N	20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
4:53:25 AM	LOC	WO	4mph N	20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646
4:53:28 AM	INB	BF	4mph N	20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646 BROOMS OFF
4:53:29 AM	INB	WF	3mph N	20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646 WATER OFF
4:54:18 AM	INB	BO		20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646 BROOMS ON
4:54:19 AM	INB	WO		20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646 WATER ON
4:54:26 AM	LOC	WO		20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646
4:55:27 AM	LOC	WO	4mph N	20198 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646
4:56:28 AM	LOC	WO	5mph N	20198 Brookhurst St & Meredith Dr Huntington Beach CA 92646
4:57:29 AM	LOC	WO	5mph N	20110 Brookhurst St & Meredith Dr Huntington Beach CA 92646
4:58:30 AM	LOC	WO	5mph N	20000 Brookhurst St & Adams Ave Huntington Beach CA 92646
4:58:33 AM	INB	WF	4mph N	10000 Adams Ave & Brookhurst St Huntington Beach CA 92646 WATER OFF
4:58:35 AM	INB	BF	4mph N	10000 Adams Ave & Brookhurst St Huntington Beach CA 92646 BROOMS OFF
4:59:16 AM	INB	BO	21mph S	19953 Brookhurst St & Adams Ave Huntington Beach CA 92646 BROOMS ON



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
4:59:17 AM	INB	WO	21mph S	19989 Brookhurst St & Adams Ave Huntington Beach CA 92646 WATER ON
4:59:31 AM	LOC	WO	4mph S	9987 Adams Ave & Brookhurst St Huntington Beach CA 92646
5:00:32 AM	LOC	WO	5mph W	9909 Adams Ave & Brookhurst St Huntington Beach CA 92646
5:01:33 AM	LOC	WO	5mph W	Sutton Ln & Adams Ave Huntington Beach CA 92646
5:02:34 AM	LOC	WO	4mph W	9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
5:03:35 AM	LOC	WO	4mph W	9791 Adams Ave & Sidcup Ln Huntington Beach CA 92646
5:04:36 AM	LOC	WO	3mph W	Adams Ave & Bushard St Huntington Beach CA 92646
5:05:26 AM	STOP	WO	5mph W	9099 Adams Ave & Gloucester Ln Huntington Beach CA 92646
5:05:37 AM	LOC	WO	4mph W	Adams Ave & Potomac Ln Huntington Beach CA 92646
5:06:38 AM	LOC	WO	2mph W	9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646
5:07:35 AM	INB	WF	2mph W	9099 Adams Ave & Lotus Ln Huntington Beach CA 92646 BROOMS OFF
5:07:35 AM	INB	WF	2mph W	9099 Adams Ave & Lotus Ln Huntington Beach CA 92646 WATER OFF
5:07:39 AM	LOC	BF	1mph W	9099 Adams Ave & Lotus Ln Huntington Beach CA 92646
5:08:35 AM	INB	BO		9099 Adams Ave & Lotus Ln Huntington Beach CA 92646 BROOMS ON
5:08:36 AM	INB	WO		9099 Adams Ave & Lotus Ln Huntington Beach CA 92646 WATER ON
5:08:40 AM	LOC	WO		9099 Adams Ave & Lotus Ln Huntington Beach CA 92646
5:09:41 AM	LOC	WO	4mph W	9081 Adams Ave & Shorewood Cir Huntington Beach CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
5:10:42 AM	LOC	WO	5mph W	9007 Adams Ave & Magnolia St Huntington Beach CA 92646
5:11:43 AM	LOC	WO	4mph W	8937 Adams Ave & Isthmus Ln Huntington Beach CA 92646
5:12:44 AM	LOC	WO	4mph W	8851 Adams Ave & Isthmus Ln Huntington Beach CA 92646
5:13:45 AM	LOC	WO	5mph W	19999 Felcliff Ln & Adams Ave Huntington Beach CA 92646
5:14:46 AM	LOC	WO	5mph W	8579 Adams Ave & Vintage Ln Huntington Beach CA 92646
5:15:47 AM	LOC	WO	5mph W	8437 Adams Ave & Newland St Huntington Beach CA 92646
5:16:48 AM	LOC	WO	5mph W	8267 Adams Ave & Rotherth Ln Huntington Beach CA 92646
5:17:49 AM	LOC	WO	4mph W	8151 Adams Ave & Rotherth Ln Huntington Beach CA 92646
5:18:50 AM	LOC	WO	5mph W	8073 Adams Ave & Coldwater Ln Huntington Beach CA 92646
5:19:47 AM	INB	WF	3mph W	19994 Beach Blvd/CA-39 Huntington Beach CA 92648
WATER OFF				
5:19:51 AM	LOC	WF	5mph W	19984 Beach Blvd/CA-39 Huntington Beach CA 92648
5:19:52 AM	INB	BF	5mph W	19982 Beach Blvd/CA-39 Huntington Beach CA 92648
BROOMS OFF				
5:20:52 AM	LOC	BF	26mph N	19528 Beach Blvd/CA-39 Huntington Beach CA 92648
5:21:53 AM	LOC	BF		19206 Beach Blvd/CA-39 Huntington Beach CA 92648
5:22:54 AM	LOC	BF		19206 Beach Blvd/CA-39 Huntington Beach CA 92648
5:23:55 AM	LOC	BF	31mph N	18952 Beach Blvd/CA-39 Huntington Beach CA 92648
5:24:56 AM	LOC	BF	44mph N	18300 Beach Blvd/CA-39 Huntington Beach CA 92648
5:25:57 AM	LOC	BF	8mph E	8030 Newman Ave & Beach Blvd Huntington Beach CA 92647
5:26:00 AM	STOP	BF	5mph E	8035 Newman Ave & Cameron Ln Huntington Beach CA 92647



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 245

10/29/2016

5:26:58 AM	LOC	BF	8033 Newman Ave & Beach Blvd CA 92647	Huntington Beach
5:27:59 AM	LOC	BF	8031 Newman Ave & Beach Blvd CA 92647	Huntington Beach
5:29:00 AM	LOC	BF	8031 Newman Ave & Beach Blvd CA 92647	Huntington Beach
5:30:01 AM	LOC	BF	8033 Newman Ave & Beach Blvd CA 92647	Huntington Beach
5:31:02 AM	LOC	BF	8033 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:32:03 AM	LOC	BF	8035 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:33:04 AM	LOC	BF	8035 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:34:05 AM	LOC	BF	8035 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:35:06 AM	LOC	BF	8035 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:36:07 AM	LOC	BF	8033 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:37:08 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:38:09 AM	LOC	BF	8035 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:39:10 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:40:11 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:41:12 AM	LOC	BF	8039 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:42:13 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:43:14 AM	LOC	BF	8033 Newman Ave & Beach Blvd CA 92647	Huntington Beach
5:44:15 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:45:16 AM	LOC	BF	8037 Newman Ave & Cameron Ln CA 92647	Huntington Beach
5:48:17 AM	LOC	BF	8046 Newman Ave & Cameron Ln CA 92647	Huntington Beach



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 245				
10/29/2016				
5:47:18 AM	LOC	BF		8042 Newman Ave & Cameron Ln Huntington Beach CA 92647
5:48:19 AM	LOC	BF		8040 Newman Ave & Cameron Ln Huntington Beach CA 92647
5:49:20 AM	LOC	BF		8038 Newman Ave & Cameron Ln Huntington Beach CA 92647
5:50:21 AM	LOC	BF		8033 Newman Ave & Beach Blvd Huntington Beach CA 92647
5:51:22 AM	LOC	BF		8035 Newman Ave & Cameron Ln Huntington Beach CA 92647
5:52:23 AM	LOC	BF		8037 Newman Ave & Cameron Ln Huntington Beach CA 92647
5:53:24 AM	LOC	BF	24mph N	17508 Beach Blvd/CA-39 Huntington Beach CA 92647
5:54:25 AM	LOC	BF		17010 Beach Blvd/CA-39 Huntington Beach CA 92647
5:55:27 AM	LOC	BF	41mph N	16618 Beach Blvd/CA-39 Huntington Beach CA 92647
5:56:28 AM	LOC	BF	4mph N	16018 Beach Blvd/CA-39 Huntington Beach CA 92647
5:57:29 AM	LOC	BF	25mph N	Beach Blvd/CA-39 Westminster CA 92683
5:58:30 AM	LOC	BF	56mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
5:59:31 AM	LOC	BF	58mph NW	San Diego Fwy/I-405 Westminster CA 92683
6:00:32 AM	LOC	BF	58mph NW	San Diego Fwy/I-405 Westminster CA 92683
6:01:33 AM	LOC	BF	52mph NW	San Diego Fwy/I-405 Westminster CA 92683
6:02:34 AM	LOC	BF	59mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
6:03:35 AM	LOC	BF	54mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
6:04:36 AM	LOC	BF	58mph W	EXIT 23 Seal Beach CA 90740
6:05:37 AM	LOC	BF	56mph N	EXIT 24 Seal Beach CA 90740
6:06:38 AM	LOC	BF	58mph NE	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
6:07:39 AM	LOC	BF	60mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
6:08:40 AM	LOC	BF	56mph N	San Gabriel River Fwy/I-605 Hawaiian Gardens CA 90716
6:09:41 AM	LOC	BF	59mph N	San Gabriel River Fwy/I-605 Lakewood CA 90715
6:10:42 AM	LOC	BF	59mph N	San Gabriel River Fwy/I-605 Cerritos CA 90703



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 236				
10/29/2016				
12:26:39 AM	INB	ON		11883 Front St & Paddison Ave Norwalk CA 90650 Ignition On
12:27:10 AM	STOP	ON		11883 Front St & Paddison Ave Norwalk CA 90650
12:32:10 AM	LOC	ON		11883 Front St & Paddison Ave Norwalk CA 90650
12:37:11 AM	LOC	ON		11883 Front St & Paddison Ave Norwalk CA 90650
12:42:12 AM	LOC	ON	1mph E	11879 Front St & Paddison Ave Norwalk CA 90650
12:43:37 AM	STOP	ON	5mph E	11806 Front St & Pioneer Blvd Norwalk CA 90650
12:47:13 AM	LOC	ON		11808 Front St & Pioneer Blvd Norwalk CA 90650
12:49:22 AM	STOP	ON	5mph N	11898 Front St & Paddison Ave Norwalk CA 90650
12:52:14 AM	LOC	ON		11898 Front St & Paddison Ave Norwalk CA 90650
12:56:04 AM	STOP	ON		13128 Pioneer Blvd & Front St Norwalk CA 90650
1:00:22 AM	LOC	ON		11850 Front St & Pioneer Blvd Norwalk CA 90650
1:05:23 AM	LOC	ON		11850 Front St & Pioneer Blvd Norwalk CA 90650
1:10:24 AM	LOC	ON		11850 Front St & Pioneer Blvd Norwalk CA 90650
1:15:25 AM	LOC	ON	33mph S	14893 Pioneer Blvd & Excelsior Dr Norwalk CA 90650
1:20:26 AM	LOC	ON	49mph S	10921 Artesia Blvd & I-605 (S) Cerritos CA 90703
1:25:27 AM	LOC	ON	62mph SW	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
1:30:28 AM	LOC	ON	60mph SE	San Diego Fwy/I-405 Westminster CA 92683
1:35:29 AM	LOC	ON	23mph S	16083 Beach Blvd/CA-39 Huntington Beach CA 92647
1:40:30 AM	LOC	ON	32mph S	18469 Beach Blvd/CA-39 Huntington Beach CA 92648
1:45:31 AM	LOC	ON	34mph S	21077 Beach Blvd/CA-39 Huntington Beach CA 92648
1:49:46 AM	STOP	ON	5mph E	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:50:32 AM	LOC	ON		21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:55:33 AM	LOC	ON		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
2:00:12 AM	INB	BO		21790 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS ON



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 236

10/29/2016

2:00:16 AM	INB	WO		21790 Newland St & Biscayne Dr CA 92646 WATER ON
2:00:34 AM	LOC	WO	2mph E	21796 Newland St & Biscayne Dr CA 92646
2:05:35 AM	LOC	WO	2mph E	21776 Newland St & Biscayne Dr CA 92646
2:10:36 AM	LOC	WO	3mph E	21754 Newland St & Biscayne Dr CA 92646
2:13:45 AM	STOP	WO	5mph SW	21832 Newland St & Biscayne Dr CA 92646
2:15:37 AM	LOC	WO	4mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:20:38 AM	LOC	WO	5mph SW	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:21:47 AM	STOP	WO	5mph NW	21778 Newland St & Biscayne Dr CA 92646
2:24:03 AM	STOP	WO	5mph SE	21776 Newland St & Biscayne Dr CA 92646
2:25:39 AM	LOC	WO	4mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:30:40 AM	LOC	WO	2mph SE	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:35:41 AM	LOC	WO	5mph N	21796 Newland St & Biscayne Dr CA 92646
2:40:19 AM	STOP	WO	5mph SE	21784 Newland St & Biscayne Dr CA 92646
2:40:42 AM	LOC	WO	4mph SE	21796 Newland St & Biscayne Dr CA 92646
2:44:33 AM	STOP	WO	5mph S	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:45:43 AM	LOC	WO	3mph S	21844 Newland St & Biscayne Dr CA 92646
2:50:44 AM	LOC	WO	4mph S	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:55:45 AM	LOC	WO	3mph S	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
2:59:06 AM	STOP	WO	5mph SE	21776 Newland St & Biscayne Dr CA 92646



Detailed

For 10/29/2016 12:00 AM through 10/29/2016 06:59 PM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 236				
10/29/2016				
3:00:46 AM	LOC	WO	3mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
3:01:47 AM	INB	WF	1mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER OFF
3:01:48 AM	INB	BF		21790 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS OFF
3:05:47 AM	LOC	BF	16mph N	20506 Beach Blvd/CA-39 Huntington Beach CA 92648
3:10:48 AM	LOC	BF	35mph N	18090 Beach Blvd/CA-39 Huntington Beach CA 92648
3:15:49 AM	LOC	BF	24mph NW	Beach Blvd/CA-39 Westminster CA 92683
3:20:50 AM	LOC	BF	50mph W	San Diego Fwy/I-405 Garden Grove CA 92845
3:25:51 AM	LOC	BF	51mph NE	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
3:30:52 AM	LOC	BF	55mph N	San Gabriel River Fwy/I-605 Cerritos CA 90703
3:35:53 AM	LOC	BF	62mph W	Century Fwy/I-105 Downey CA 90242
3:40:54 AM	LOC	BF	34mph NW	Fernwood Ave & Copeland St Lynwood CA 90262
3:45:55 AM	LOC	BF	28mph N	9310 Long Beach Blvd & Iowa Ave South Gate CA 90280
3:50:56 AM	LOC	BF	17mph N	7202 Pacific Blvd & E Florence Ave Huntington Park CA 90255
3:51:39 AM	INB	BO	11mph NE	2615 E Florence Ave & Rita Ave Huntington Park CA 90255 BROOMS ON
3:52:30 AM	INB	WO	2mph N	7117 Rita Ave & E Florence Ave Huntington Park CA 90255 WATER ON
3:55:57 AM	LOC	WO	4mph N	6481 Rita Ave & E Gage Ave Huntington Park CA 90255
3:56:33 AM	INB	WF	2mph N	2630 E Gage Ave & Rita Ave Huntington Park CA 90255 WATER OFF
3:56:39 AM	INB	BF		2628 E Gage Ave & Rita Ave Huntington Park CA 90255 BROOMS OFF

Appendix F
Worker Environmental Awareness
Program

Appendix G
Biological Resources Monthly
Summary Report

AES Southland Development LLC

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

October 2016 Reporting Period

November 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 – WILDLIFE OBSERVATION FORMS

APPENDIX D – 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 1 October through 31 October 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

LNTTP MONITORING SUMMARY

This section summarizes biological monitoring activities conducted by Butier Engineering Inc. during the October 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 LNTTP 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 receive WEAP training prior to start of work. The hardcopy sign-in training logs for October 2016 will be submitted under separate cover.

2.1

NESTING BIRDS

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

2.3

SPECIAL-STATUS SPECIES

Four 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), long-billed curlew (*Numenius americanus*; California Department of Fish and Wildlife [CDFW] Watch List [WL]), and osprey (*Pandion haliaetus*; CDFW WL, CDF S).

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. A list of avian species observed during the monitoring events are included in Appendix D.

2.4.2 *Other Species*

A dead rabbit (*Sylvilagus* sp.) was identified by Mark Smith/Butier Engineering Inc. on October 24, 2016 within the LNTP 300-foot buffer. A wildlife observation form is included in Appendix C. No other wildlife injuries or mortalities were observed at the project site. A list of wildlife species observed during the monitoring events are included in Appendix D.

2.5 HAZARDOUS MATERIAL SPILLS

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

2.6 TRASH

A discarded box was identified within the LNTP boundary on October 26, 2016 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 (LNTP)

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
10/03/2016	Monday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
61 am / 72 pm	76 / 46	2 / 14 wsw	N	10 am / 20 pm	mostly clr scattered clouds, am / Clr

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	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

--

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	
10/04/2016	Tuesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
63 am / 74 pm	69 / 567	2 / 7 wsw	N	10 am / 20 pm	mostly clear scattered clouds, am / 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						

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	
10/05/2016	Wednesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
60 am / 74 pm	81 / 52	5 / 12 wsw	N	10 am / 20 pm	partly cloudy, am / clearing 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						

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	
10/06/2016	Thursday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
59 am / 73 pm	83 / 52	1 / 14 wsw	N	15 am / 20 pm	mostly clear am / 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						

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	
10/07/2016	Friday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
59 am / 80 pm	73 / 18	1 / 12 wsw	N	10 am / 25 pm	mostly Clear am / scattered cirrus 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						

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	
10/10/2016	Monday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
62 am / 75 pm	74 / 49	1 / 14 wsw	N	5 am / 25 pm	clr, am / 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						
Homeless People have camped just outside of the East property fence line, and east of the NE corner of the East Fuel oil tank berm. See photo's in daily photo log.						

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	
10/11/2016	Tuesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
60 am / 68 pm	89 / 65	1 / 10 wsw	N	5 am / 25 pm	ovr cst cloudy, am / clear hzy 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	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

--

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	
10/12/2016	Wednesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61 am / 69 pm	81 / 60	0 / 9 wsw	N	5 am / 15 pm	partly cloudy, am / clearing 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	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						

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
10/13/2016	Thursday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
55 am / 69 pm	92 / 65	2 / 10 wsw	N	2-5am/15-20pm	marine ovr cst cloudy am / clearing 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	on site stockpiled weed free 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		
Items Requiring Action/Follow-up					

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	
10/14/2016	Friday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61 am / 69 pm	85 / 69	3 / 12 wsw	N	3-5am/ 20 pm	marine ovr cst cloudy, 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>						
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	Stockpiled Straw wattle weed free		
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						

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
10/17/2016	Monday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
62 am / 67 pm	95 / 69	5 / 7 wsw	YES (0.14inch)	1-3 am/5-10 pm	cloudy periodic lite rain, am / clearing 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	Earthsaver Rice Straw Waddle, weed free
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

--

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	
10/18/2016	Tuesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
58 am / 3 pm	90 / 41	6 / 9 wsw	N	2-5 am / 15 pm	ovr cst partly cloudy, am/clearing partly 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>						
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						

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	
10/19/2016	Wednesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
60 am / 79 pm	80 / 37	1 / 11 G-15	N	10 am / 20 pm	clear hazy, am / clearing warm pm, 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>						
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						

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	
10/20/2016	Thursday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
58 am / 89 pm	53 / 49	3 / 11 G-15	N	1-3 am/ 25+ pm	patchy, am / clear warm pm, 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>						
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						

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
10/21/2016	Friday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility (sm)	Weather Comment
58 am / 82 pm	55 / 23	1 / 10	N	10am/ 25-30pm	Sunny warm, mild Santa Ana conditions
<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					

Sunny warm mild Santa Ana conditions

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	
10/24/2016	Monday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
64 am / 69 pm	97 / 73	4 / 8	Yes 0.18inch	1-3 am/ 3 pm	T-Storm rain/lighting previous 4 hrs, shut down 3	
<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						
Dead rabbit observed in sump pit. see WOF,						

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	
10/25/2016	Tuesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
57 am / 70 pm	99 / 62	3 / 11	prev. day early am	1-3am/ 20pm	clear warm dry out	
<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						
Corrective measures on grate openings, nw of Peaker building. Pipe openings have been covered with plywood.						



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	
10/26/2016	Wednesday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
57 am / 70 pm	99 / 69	1 / 8	N	1-3 am/ 15 pm	clear hazy am, partly cloudy strata cirrus 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	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						

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
10/27/2016	Thursday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
59 am / 73 pm	90 / 64	1 / 8	N predicted	1 am/ 3 pm	partly cloudy am, cloudy pm lite sprinkle rain
<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					
Rain predicted for this evening into tomorrow mid morning. Occasional lite rain sprinkle this late afternoon.					

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
10/28/2016	Friday	Mark Smith			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
am / pm	/	3 /	N	am/ 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	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

--

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	
10/31/2016	Monday	Mark Smith			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
58 am / 67 pm	99 / 59	2 / 12	N	1-3 am/ 20 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>						
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						

Appendix B
Biological Resources Compliance
Monitoring Logs

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

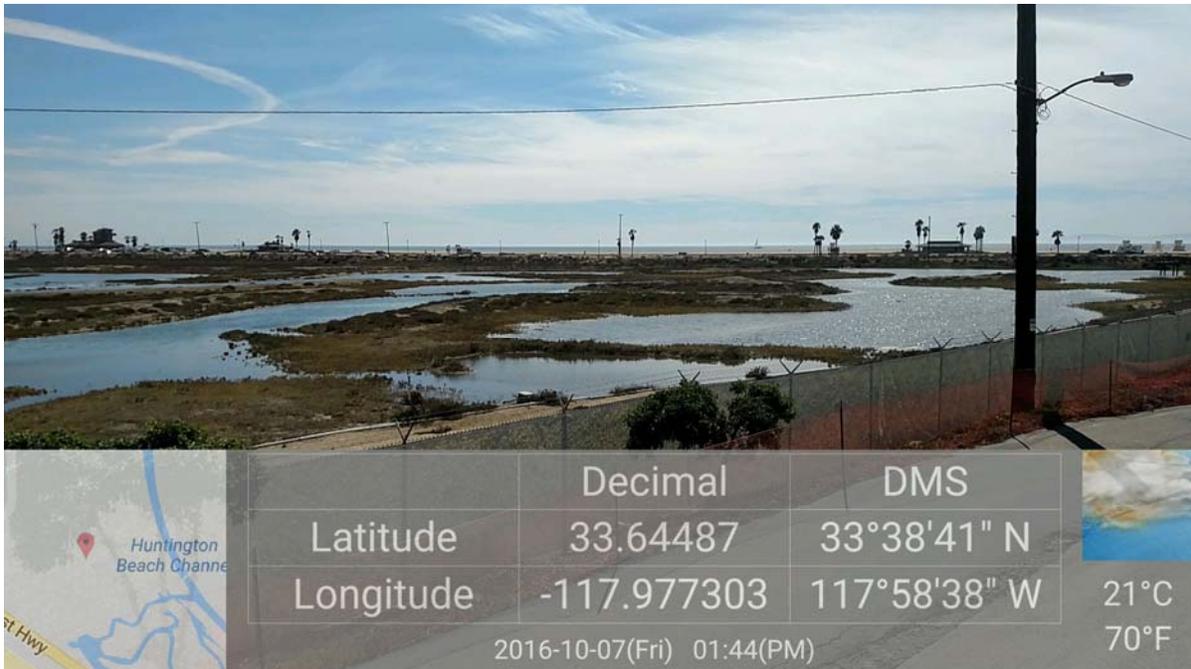
AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date	Monitor				Time (Begin-End)
October 7, 2016	Melissa Fowler				10:00-14:25
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
72	52	5	N	Average (5.0 mi)	Slight overcast; 80% 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 new 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. • An osprey (<i>Pandion haliaetus</i>; California Department of Fish and Wildlife [CDFW] Watch List [WL], CDF-S) was observed flying southwest over the Magnolia Marsh. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Raccoon (<i>Procyon lotor</i>), opossum (<i>Didelphis virginiana</i>), and other small mammal tracks (<i>Rattus</i> sp.) along the fence line adjacent to Magnolia Marsh. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None 					
Wildlife Species Observed:					
<p>American avocet (<i>Recurvirostra americana</i>), American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), common raven (<i>Corvus corax</i>), Forster's tern (<i>Sterna forsteri</i>), great blue heron, great egret, gull (<i>Larus</i> sp.), house finch (<i>Haemorhous mexicanus</i>), least sandpiper (<i>Calidris minutilla</i>), mallard (<i>Anas platyrhynchos</i>), mourning dove (<i>Zenaida macroura</i>), osprey, rock pigeon (<i>Columba livia</i>), snowy egret (<i>Egretta thula</i>), turkey vulture (<i>Cathartes aura</i>), and western fence lizard (<i>Sceloporus occidentalis</i>).</p>					

Photo 1



Location	LNTF: Fuel tank basin.	Description	LNTF fuel tank basin.
-----------------	------------------------	--------------------	-----------------------

Photo 2



Location	LNTF: Overview of Magnolia Marsh.	Description	Overview of the Magnolia Marsh.
-----------------	-----------------------------------	--------------------	---------------------------------

Photo 3



	Decimal	DMS
Latitude	33.644428	33°38'39" N
Longitude	-117.975674	117°58'32" W

2016-10-07(Fri) 01:44(PM)



Location	LNTP: Fuel tank basin.	Description	Overview of the fuel tank basin.
-----------------	------------------------	--------------------	----------------------------------

Photo 4



	Decimal	DMS
Latitude	33.644428	33°38'39" N
Longitude	-117.975674	117°58'32" W

2016-10-07(Fri) 01:44(PM)



Location	LNTP fuel tank.	Description	Abatement scaffolding on LNTP fuel tank.
-----------------	-----------------	--------------------	--

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
October 14, 2016	Melissa Fowler				12:00-16:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
66	75	6	N	Average (5.0 mi)	Overcast; 100% 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 new 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 blue heron (<i>Ardea Herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed foraging in the Magnolia Marsh. • A long-billed curlew (<i>Numenius americanus</i>; California Department of Fish and Wildlife [CDFW] Watch List [WL]) was observed foraging in Magnolia Marsh. • An osprey (<i>Pandion haliaetus</i>; CDFW WL, CDF-S) was observed flying over the Magnolia Marsh. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Raccoon (<i>Procyon lotor</i>) tracks were observed along the fenceline adjacent to Magnolia Marsh. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), America kestrel (<i>Falco sparverius</i>), Anna's hummingbird (<i>Calypte anna</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), least sandpiper (<i>Calidris minutilla</i>), long-billed curlew, mourning dove (<i>Zenaida macroura</i>), osprey, snowy egret (<i>Egretta thula</i>), turkey vulture (<i>Cathartes aura</i>), and western gull (<i>Larus occidentalis</i>).</p>					

Photo 1



	Decimal	DMS
Latitude	33.644701	33°38'40" N
Longitude	-117.977014	117°58'37" W
2016-10-14(Fri) 01:00(PM)		

Location	LNTP: Peaker building.	Description	Demolition of the peaker building.
-----------------	------------------------	--------------------	------------------------------------

Photo 2



	Decimal	DMS	
Latitude	33.644824	33°38'41" N	
Longitude	-117.977604	117°58'39" W	
2016-10-14(Fri) 01:04(PM)			17°C 63°F

Location	LNTP: Fuel tank basin.	Description	Overview of fuel tank basin.
-----------------	------------------------	--------------------	------------------------------

Photo 3



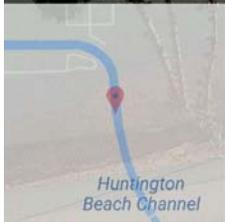
	Decimal	DMS
Latitude	33.649633	33°38'58" N
Longitude	-117.978898	117°58'44" W

17°C
63°F

2016-10-14(Fri) 01:05(PM)

Location	LNTP: perimeter fenceline.	Description	Perimeter fence screening installation; an additional 4 feet was being added to the existing screen.
-----------------	----------------------------	--------------------	--

Photo 4



	Decimal	DMS
Latitude	33.647004	33°38'49" N
Longitude	-117.975327	117°58'31" W

20°C
68°F

2016-10-14(Fri) 03:21(PM)

Location	Magnolia Marsh	Description	Overview of the Magnolia Marsh.
-----------------	----------------	--------------------	---------------------------------

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
October 21, 2016	Melissa Fowler				11:20-15:20
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
82	27	6	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 new 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. <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"> • Biological monitoring event occurred during the Breitling Huntington Beach Airshow. 					
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>), black phoebe (<i>Sayornis nigricans</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), great blue heron, great egret, house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), killdeer (<i>Charadrius vociferus</i>), least sandpiper (<i>Calidris minutilla</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), snowy egret (<i>Egretta thula</i>), turkey vulture (<i>Cathartes aura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

Photo 1



	Decimal	DMS	
Latitude	33.644329	33°38'39" N	 26°C 79°F
Longitude	-117.97558	117°58'32" W	
2016-10-21(Fri) 01:45(PM)			

Location	LNTP: Magnolia Marsh	Description	Overview of the Magnolia Marsh from the LNTP boundary.
-----------------	----------------------	--------------------	--

Photo 2



	Decimal	DMS	
Latitude	33.644737	33°38'41" N	 26°C 79°F
Longitude	-117.976682	117°58'36" W	
2016-10-21(Fri) 11:59(AM)			

Location	LNTP: Fuel tank basin	Description	Overview of the fuel oil tank basin.
-----------------	-----------------------	--------------------	--------------------------------------

Photo 3



	Decimal	DMS
Latitude	33.645069	33°38'42" N
Longitude	-117.975331	117°58'31" W
2016-10-21(Fri) 12:08(PM)		

26°C
79°F

Location	LNTP: fenceline boundary	Description	Fenceline boundary of the LNTP.
-----------------	--------------------------	--------------------	---------------------------------

Photo 4



	Decimal	DMS
Latitude	33.645086	33°38'42" N
Longitude	-117.975297	117°58'31" W
2016-10-21(Fri) 12:12(PM)		

26°C
79°F

Location	Fenceline boundary.	Description	Fenceline boundary of the LNTP.
-----------------	---------------------	--------------------	---------------------------------

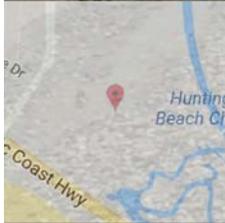
AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date	Monitor				Time (Begin-End)
October 26, 2016	Melissa Fowler				10:00-14:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
68	72	6	N	Good (9.0 mi)	10% 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 snowy egret (<i>Egretta thula</i>) were 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"> • Coyote (<i>Canis latrans</i>) tracks were identified. 					
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>), black phoebe (<i>Sayornis nigricans</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), European starling (<i>Sturnis vulgaris</i>), great egret (<i>Ardea alba</i>), Heermann's gull (<i>Larus heermanni</i>), least sandpiper (<i>Calidris minutilla</i>), marbled godwit (<i>Limosa fedoa</i>), mourning dove (<i>Zenaida macroura</i>), rock pigeon (<i>Columba livia</i>), snowy egret (<i>Egretta thula</i>), turkey vulture (<i>Cathartes aura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

Photo 1

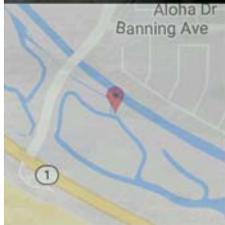


	Decimal	DMS	
	Latitude	33.644914	
	Longitude	-117.97757	117°58'39" W
			21°C
			70°F
2016-10-26(Wed) 01:34(PM)			

Location	LNTP: Peaker building	Description	Peaker building demolition in progress.
-----------------	-----------------------	--------------------	---

Photo 2



	Decimal	DMS	
	Latitude	33.640977	
	Longitude	-117.970845	117°58'15" W
			21°C
			70°F
2016-10-26(Wed) 01:36(PM)			

Location	LNTP: Magnolia Marsh	Description	Overview of the Magnolia Marsh from the LNTP boundary.
-----------------	----------------------	--------------------	--

Photo 3



Location	LNTF boundary	Description	Screening/plywood placed over grates to prevent wildlife entrapment.
-----------------	---------------	--------------------	--

Photo 4



Location	LNTF boundary	Description	Screening/plywood placed over grates to prevent wildlife entrapment.
-----------------	---------------	--------------------	--

Photo 5



Location	LNTF boundary	Description	Photograph of dead rabbit located under the metal grate.
-----------------	---------------	--------------------	--

Photo 6



Location	LNTF boundary	Description	Discarded cardboard box within the LNTF boundary.
-----------------	---------------	--------------------	---

Appendix C
Wildlife Observation Forms

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Huntington Beach Energy Project (HBEP) Work Areas	
To be filled out by personnel who find active nest sites, dens, and dead or injured wildlife, or other biological resources during daily construction activities.	
Name of employee: Mark Smith	
Date: 10-24-2016	
Location of observation: Sump pump pit south of the RO Building	
Wildlife Species: Pigeon	
Condition of wildlife: alive <input type="checkbox"/> Dead: XX	
Possible cause of injury or death: drowned	
Where is the animal currently? Same location	
Is the resource in danger of Project (or other) impacts? no	
Comments: Photo attached, Animal appears to have been dead for a couple days. Bloated & gaseous. Animal probably entered into a drain pipe that led to the pit.	
Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the Project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Wildlife (CDFW) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.	
DESIGNATED BIOLOGIST: Melissa Fowler; Melissa.Fowler@ch2m.com; Cell: (714) 768-1173; Office (714) 435-6262	
COMPANY: CH2M ADDRESS: 6 Hutton Centre Drive, St. 700, Santa Ana, CA	



Rabbit under grate



Sump pump pit and pipe south of RO building

Appendix D
Observed Wildlife Species List

**Observed Wildlife Species List October 2016
LNTF Huntington Beach Energy Project**

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American avocet	<i>Recurvirostra americana</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
European starling	<i>Sturnis vulgaris</i>	--/--/--
Forster's tern	<i>Sterna forsteri</i>	--/--/--
Great blue heron	<i>Ardea herodias</i>	--/--/CDF: S
Great egret	<i>Ardea alba</i>	--/--/CDF: S
Gull	<i>Larus sp.</i>	--/--/--
Heermann's gull	<i>Larus heermanni</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/--
Killdeer	<i>Charadrius vociferous</i>	--/--/--
Least sandpiper	<i>Calidris minutilla</i>	--/--/--
Long-billed curlew	<i>Numenius americanus</i>	--/WL/--
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
Rock pigeon	<i>Columba livia</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Snowy egret	<i>Egretta thula</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
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:

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

Appendix H
Cultural Resources Monthly Summary
Report

APPENDIX INTENTIONALLY LEFT BLANK

Appendix I
Paleontological Resources Monthly
Summary Report

APPENDIX INTENTIONALLY LEFT BLANK

Appendix J

Worker Safety

Safety Observations

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

11/9/2016

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-0113	Safety	161003 Cleaning of truck tires	AES	EJ Penewell	Positive Observation	Environmental	Medium	Closed	10/7/2016	10/7/2016	Chassis and tires may cause mud or dust outside of berm area.	Clean trucks before leaving the berm area.	0
SO-0114	Safety	161004 Crane Lift 265 ton Peaker Bldg	AES	EJ Penewell	Positive Observation	Rigging & Crane Lifts	High	Closed	10/10/2016	10/10/2016	Lifting 30,000 lb portion of stack from peaker building.	Did complete review of weight calculation, delineation, operator credentials and complete walk through of lift before doing lift.	0
SO-0115	Safety	161005 Excavator is Processing steel	AES	EJ Penewell	Positive Observation	Housekeeping	Medium	Closed	10/10/2016	10/10/2016	Processing flat steel into smaller rolled steel for loading into trucks for transportation to recycling yard.	Provided dust control, spotter and direction for hauling trucks.	0
SO-0116	Safety	161006 Shaker plates sharps hazard	AES	EJ Penewell	Unsafe Condition	Equipment/Tools	Medium	Closed	10/11/2016	10/11/2016	Shaker plate shows sharp edges that are a potential cut hazard. (See photo 1)	Sharp edges removed from shaker plate. (See photo 2)	0
SO-0117	Safety	161007 Remove baffles from peaker stacks	AES	EJ Penewell	Positive Observation	Equipment/Tools	Medium	Closed	10/11/2016	10/11/2016	Peaker building stack is removed in segments using the excavator. Some of these segments weigh up to 30,000 lbs. Then the segments are broken down by removing baffles from inside the stack.	Safe procedures were written, reviewed and followed.	0
SO-0118	Safety	161007 Street lights are disconnected	AES	EJ Penewell	Positive Observation	Electrical Safety	High	Closed	10/11/2016	10/11/2016	Street lights along fuel lines are in the way of removal of insulation and then removal of the fuel lines.	Verified the street lights are disconnected and no electric hazard exists.	0
SO-0119	Safety	161010 Safe removal of pipeline insulation	AES	EJ Penewell	Positive Observation	Other	Medium	Closed	10/14/2016	10/14/2016	Removing insulation from pipeline by taking off hard covers and tie wraps and then removing insulation.	Using appropriate care as stated above removed insulation and disposed of product.	0
SO-0120	Safety	161011 Bees nest pipeline on is observed	AES	EJ Penewell	Unsafe Condition	Other	High	Closed	10/14/2016	10/14/2016	161011 Bees are nesting on pipeline near north end.	Bee keeper removed bees from the pipeline area.	0
SO-0121	Safety	161012	AES	EJ Penewell	Unsafe Condition	Housekeeping	High	Closed	10/14/2016	10/14/2016	Hazardous condition where rebar (impalement) and trip hazard exists.	Delineated area so no exposure exists.	0
SO-0122	Safety	161013 Demo of peaker water tank	AES	EJ Penewell	Positive Observation	Other	High	Closed	10/14/2016	10/14/2016	Peaker water tank is demoed.	Followed safe procedures as noted above.	0
SO-0123	Safety	161014 Peaker Building Demo Progress	AES	EJ Penewell	Positive Observation	Other	High	Closed	10/21/2016	10/21/2016	Process of dismantling the Peaker Building has begun. Contractor started on west side to dampen the sound to the east.	Appropriate safety recognition and care is being provided by contractor doing demo.	0
SO-0124	Safety	161017 Pipe cleaning with steam assist	AES	EJ Penewell	Positive Observation	Other	Medium	Closed	10/25/2016	10/25/2016	Set up to clean pipe of oil residue in berm area. Note: Contractor is back at site after sometime away to get to this part of project.	Appropriate PPE is worn and safety rules are being followed.	0
SO-0125	Safety	162018 PPE for steam pipe cleaning	AES	EJ Penewell	Audit Finding	Personal Protective Equipment	High	Closed	10/25/2016	10/25/2016	Contractor is cleaning piping in area that requires training in the use of respirators and other special PPE.	Verified workers are appropriately trained for wearing respirators and all other PPE is being worn.	0
SO-0126	Safety	161019 Peaker Building Demo Continues	AES	EJ Penewell	Positive Observation	Other	High	Closed	10/25/2016	10/25/2016	Excavator operator and the spotter, dust controller are working together to disassemble the peaker building.	Watched as spotter and operator communicated to safely move product and spoils to keep the site safe.	0
SO-0127	Safety	161020 Automatic pipe cutter training	AES	EJ Penewell	Positive Observation	Induction & Training	High	Closed	10/25/2016	10/25/2016	Vendor provided training on a auto pipe cutter by E.H. Wachs.	All operators and assistants were trained by manufacturer's representative.	0
SO-0128	Safety	161021 Complete audit of job site	AES	EJ Penewell	Audit Finding	Risk & Hazard Assessment	High	Closed	10/25/2016	10/25/2016	Did a complete job site walk audit.	Provided documentation of audit and attached to this report.	0
SO-0129	Safety	162024 Inspection of pipes 1&2	AES	EJ Penewell	Audit Finding	Other	Medium	Closed	10/28/2016	10/28/2016	Pipes 1&2, near crossing at south side of berm, show no oil in #1 and oil in #2.	Provided that information to those parties.	0
SO-0130	Safety	162025 Pipe cleaning steam set up	AES	EJ Penewell	Positive Observation	Other	High	Closed	10/28/2016	10/28/2016	Contractor set up steam cleaning of oil from pipe system that contains oily product for capture and disposal.	Contractor did the training and provided PPE required.	0
SO-0131	Safety	162026 Application of auto cutter to 12" pipe	AES	EJ Penewell	Positive Observation	Other	High	Closed	10/28/2016	10/28/2016	Contractor is cutting 12" pipe on line #3 with auto pipe cutter.	Contractor was trained on safe operation of auto pipe cutter, used appropriate PPE and set up containment to capture oily waste that may be in side of pipe. (Note: 1 linear foot of clean 12" pipe weighs approximately 50 lbs.)	0
SO-0132	Safety	162027 Removal of heavy fuel from piping	AES	EJ Penewell	Best Practice Violation	Equipment/Tools	High	Closed	10/28/2016	10/31/2016	Contractor is using steam unit to remove heavy fuel from piping.	Contractor employees are following PPE, containment of product but equipment is only providing water not hot/steam water. As a result to much water is being used and the pipe is not as clean as if hot water would have been used. contractor has been informed and a new pressure washer will be onsite Monday with a working heater to support cleaning of the line - both Rasic and K-vac have been informed.	2
SO-0133	Environmental	161028 Storage containers covered per rain event	AES	EJ Penewell	Positive Observation	Housekeeping	Medium	Closed	10/31/2016	10/31/2016	Hazardous waste containers are in work area prior to expected rain event.	Containers were cover to ensure waste was contained.	0

Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: November 7, 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



Location: Maintenance Building

Appendix K
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,

A handwritten signature in black ink, appearing to read 'S. O'Kane', written in a cursive style.

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,

Sene 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 L
Filings/Permits

APPENDIX INTENTIONALLY LEFT BLANK

Appendix M
Complaints, Notices of Violations,
Warnings and Citations

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

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*
10/2/2016	7:59 PM	Not provided	Not provided	714-605-3783	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	10/3/2016	4:05PM	Left voicemail	EKR
10/10/2016	6:11 AM	Not provided	Not provided	516-734-4545	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	10/10/2016	9:13AM	Returned call to number listed- is number to Bethesda Hospital general line.	EKR
10/10/2016	9:05AM	Not provided	Not provided	516-737-7733	Not provided	Not provided	Not provided	Caller hung up	No	No	Closed	10/10/2016	9:14AM	Returned call to number listed. Is for doctors office messaging service. There are 2 doctors with this service and not able to determine which called. Left message for both.	EKR
10/14/2016	8:23AM	Not provided	Not provided	516-737-7733	Not provided	Not provided	Not provided	Caller hung up	No	No	Closed	N/A	N/A	None	EKR
10/17/2016	1:51PM	Not provided	Not provided	925-671-7320	Not provided	Not provided	Not provided	Caller hung up	No	No	Closed	10/17/2016	1:56PM	Returned call and left message on machine.	EKR
10/26/2016	9:32AM	Not provided	Not provided	305-255-5548	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	10/26/2016	9:35AM 9:54AM 12:31PM	Returned call multiple times. No answering machine to leave message. Made contact on last call, but the individual stated no one called from that number.	EKR

*Responders listed by initials:

N/A: Not Applicable

EKR: Emily Riveramelo