

## DOCKETED

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<b>Project Title:</b>	Huntington Beach Energy Project - Compliance
<b>TN #:</b>	216836
<b>Document Title:</b>	COM-6, Monthly Compliance Report (MCR) for February, 2017
<b>Description:</b>	Huntington Beach Energy Project Monthly Compliance Report (MCR), dated March 14, 2017 (for February 2017).
<b>Filer:</b>	Eric Veerkamp
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	4/6/2017 11:20:22 AM
<b>Docketed Date:</b>	4/6/2017

March 14, 2017

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 – 010 February 2017, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 010 for the Huntington Beach Energy Project for the month of February 2017, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

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

Joshua Wynia  
Project Director

Enclosure

cc:       Project File

REPORT

# Huntington Beach Energy Project Monthly Compliance Report – 010

Report Period: February 2017

*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

March 14, 2017



# Contents

Section	Page
<b>List of Active Conditions February 2017 .....</b>	<b>vii</b>
<b>Acronyms and Abbreviations.....</b>	<b>ix</b>
<b>1.0 Current Project Construction Status.....</b>	<b>1</b>
<b>2.0 Construction Activities .....</b>	<b>1</b>
<b>3.0 Compliance Matrix.....</b>	<b>1</b>
3.1 CEC Documentation .....	1
3.2 CBO Documentation .....	2
<b>4.0 Required Documents Submitted with this Report .....</b>	<b>2</b>
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 .....	6
4.5 Paleontological Resources .....	6
4.6 Visual Resources .....	6
4.7 Waste Management .....	6
4.8 Worker Safety .....	7
4.8.1 WORKER SAFETY-3 Construction Safety Supervisor .....	7
4.8.2 WORKER SAFETY-5 Automatic External Defibrillator .....	7
<b>5.0 Compliance Requirements Completed During the Reporting Period.....</b>	<b>8</b>
<b>6.0 Compliance Submittals Pending Approval .....</b>	<b>8</b>
<b>7.0 Changes to Conditions of Certification .....</b>	<b>8</b>
7.1 VIS-3 Long-Term Construction Screening, Landscape Protection, and Site Restoration Plan – Project Demolition, Construction, and Commissioning .....	8
7.2 WORKER SAFETY-1 Project Construction Safety and Health Program .....	8
7.3 BIO-8 Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds .....	9
<b>8.0 Filings/ Permits Issued by Governmental Agencies .....</b>	<b>9</b>
<b>9.0 Complaints, Notices of Violations, Warnings and Citations .....</b>	<b>9</b>
<b>Tables</b>	
<b>3-1. Documentation Uploaded to CBO FTP Site .....</b>	<b>2</b>
<b>4-1. Fugitive Dust Control Measures .....</b>	<b>3</b>



<b>4-2. Pounds of Waste Generated By Type .....</b>	<b>6</b>
<b>5-1. Compliance Submittals During the Reporting Period .....</b>	<b>8</b>

**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	Visual Resources
K	Worker Safety
L	Changes to Conditions of Certifications
M	Filings/Permits
N	Complaints, Notices of Violations, Warnings and Citations

# List of Active Conditions February 2017

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

# Acronyms and Abbreviations

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

# 1.0 Current Project Construction Status

The following section summarizes the current construction status for the Huntington Beach Energy Project (HBEP or project). The demolition contractor, GSD, completed demolition of 510 feet of 16 inch and 24 inch fuel piping that transverses the east fuel oil tank, piping was cut into 20 feet section and processed for recycling.

Removal and stockpiling began of the asphalt and gunite coating from the east fuel oil tank berm in preparation for berm removal. The exposed berm material was treated with a soil stabilizer. The remaining stock piled concrete debris from the Peaker building and gunite was sent to Ewles Material for recycling.

Construction screening scaffolding design was approved by the Chief Building Official (CBO) and construction of the 12 foot construction screening began on February 21, 2017. The screening is anticipated on being completed by March 10, 2017.

Accumulated storm water from within the east fuel oil tank berm was transferred to the south and west fuel oil tank berms. Approximately 187,000 gallons of water transferred.

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 began removal of the gunite and asphalt covering on the east fuel oil tank berm, material is being stock piled and will be processed for recycling.
- Remaining concrete debris from the Peaker building and gunite from the berm was removed from site. Approximately 540 cubic yards of concrete debris was sent to Ewles Material for recycling.
- GSD removed the remaining 510 feet of the 16 inch and 24 inch piping from the retired Plains all American pipelines.
- General site cleanup and was completed, refurbishment of storm water BMP's and clean up following several rain events.
- Safeway began construction of the 12 foot construction screening along the east boarder of the construction area. Scaffolding structure will be erected, followed by the installation of the ground anchor system, completing with the installation of the remaining 4 foot section of screening fabric. The anticipated completion date of the construction screening is on March 10, 2017.

## 3.0 Compliance Matrix

### 3.1 CEC Documentation

The updated CEC Compliance Matrix is included in Appendix C.

## 3.2 CBO Documentation

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

- Updated CBO Matrix (per GEN-2) and schedule updates
- A copy of the CBO payment receipt for this reporting period (per GEN-3)
- Transmittals for documents uploaded to the CBO's FTP site for this reporting period (also listed in Table 3-1 below)

Table 3-1. Documentation Uploaded to CBO FTP Site

COC	Description	Date Submitted
STRUC-1	Construction Screening Scaffolding Design – Rev 4	2/20/17
STRUC-1	Construction Screening Scaffolding Design Seismic Variance	2/20/17

## 4.0 Required Documents Submitted with this Report

### 4.1 Air Quality

This section summarizes the activities conducted in February 2017 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 (AQCM) 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 February 2017, 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*

<b>Implementation Measure</b>	<b>Out of Compliance Trigger</b>	<b>In Compliance Trigger <sup>a</sup></b>	<b>Results During Compliance Period</b>
All Main Access Roads Onsite Are Paved or Stabilized	No – Dust Plumes Originating from Access Roads	Yes – No Dust Plumes Originating from Access Roads	Yes – In Compliance
All Unpaved Roads Onsite Are Stabilized	No – Dust Plumes Originating from Unpaved Roads	Yes – No Dust Plumes Originating from Unpaved Roads	Yes – In Compliance
All Disturbed Areas Are Watered As Necessary During Grading and Stabilized After Active Construction	No – Dust Plumes Originating from Disturbed Areas	Yes – No Dust Plumes Originating from Disturbed Areas	Yes – In Compliance
Maximum Speed Limit of 10 Miles Per Hour on Unpaved Surfaces	No – Vehicles Exceeding 10 Miles Per Hour on Unpaved Areas	Yes – Vehicles Travel 10 Miles Per Hour or Less on Unpaved Areas	Yes – In Compliance
Visible Speed Limit Signs Posted at Construction Site Entrances	No – No Signs Posted	Yes – Signs Posted	Yes – In Compliance. Ten mph speed limit is posted.
Wheel Inspection or Wash Stations in Place	No - Track-Out into Roadways Not Managed	Yes - No Track-Out Observed	Yes – In Compliance. Wheels inspected. Tire washing to be conducted if needed.
At Least 20-Foot-Long Gravel Ramps at Wheel Inspection/ Wash Stations	No – 20-Foot-Long Gravel Ramps Not Present	Yes – 20-Foot-Long Gravel Ramps Present	NA – Shaker plates installed. 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*

<b>Implementation Measure</b>	<b>Out of Compliance Trigger</b>	<b>In Compliance Trigger <sup>a</sup></b>	<b>Results During Compliance Period</b>
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

<sup>a</sup> 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 February 2017. 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 February 2017 and tagged to indicate compliance with AQ-SC5:

- Volvo EC480EL Excavator
- Takeuchi TL10CR Skid Steer Loader
- Volvo A30G/Articulate Truck
- John Deere JD 210K Skip Loader
- SEBHSA Concrete Pump

- Casagrande B250 Drill Rig
- JLG G12-55A Forklift

The Casagrande B250XP Drill Rig is equipment with a Tier 3 engine. The drill rig was identified as the necessary tool to efficiently perform the construction activities. A good faith effort was made to identify and procure the Tier 4 drill rig. The vendor's correspondence to the request of a Tier 4 drill rig indicated that Tier 4 equipment is not available for the requested type and size of the equipment, and the highest emission tier of the equipment is Tier 3.

A Caterpillar 314D LCR Excavator was brought to site on February 28, 2017. The equipment has not been used and will not be used until its compliance to AQ-SC5 is verified.

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, and vendors' correspondence letters stating their inability to provide Tier 4 or Tier 3 with retrofit equipment. 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 February 25, 2017. Records documenting sweeping activities are included in Appendix E.

## 4.2 Worker Environmental Awareness Program Training

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

The HBEP Designated Biologist provided on-site WEAP training on May 11, 2016, and subsequent training has been administered via electronic media. Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period. Eighteen workers received training during this reporting period. A total of 200 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. See Section 4.2 for number of workers trained during this reporting period and total workers who 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 Visual Resources

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

### 4.7 Waste Management

WASTE-5 requires that a construction waste management plan be prepared and that the records of the volume of waste generated, waste management methods used, and a comparison of the actual waste generation and management methods used to those proposed in the original Construction Waste Management Plan.

Waste streams generated during the reporting period included construction and demolition debris (pipe wrap insulation, concrete, and scrap metals), non-RCRA hazardous waste (oily debris), and RCRA hazardous waste (PCB liquids). All wastes were handled in accordance with the project's Construction Waste Management Plan. Table 4-2 below summarizes the volume of each waste stream generated for the current month, annually, and project to date.

Table 4-2. Pounds of Waste Generated By Type

	Non-hazardous Waste	Hazardous Waste - Disposed	Hazardous Waste - Recycled	Concrete Waste - Recycled	Scrap Metal - Recycled	C & D	Total Pounds Generated	Total Pounds Recycled	Percent Recycled
<b>2016 Annual Total</b>	<b>379,893</b>	<b>243,029</b>	<b>224,178</b>	<b>5,040,000</b>	<b>3,303,180</b>	<b>13,365</b>	<b>9,203,645</b>	<b>8,567,358</b>	<b>93%</b>

Table 4-2. Pounds of Waste Generated By Type

	Non-hazardous Waste	Hazardous Waste - Disposed	Hazardous Waste - Recycled	Concrete Waste - Recycled	Scrap Metal - Recycled	C & D	Total Pounds Generated	Total Pounds Recycled	Percent Recycled
<b>2017 Annual Total</b>	<b>1,207</b>	<b>20,323</b>	<b>0</b>	<b>2,280,000</b>	<b>606,100</b>	<b>1,260</b>	<b>2,908,890</b>	<b>2,886,100</b>	<b>99%</b>
January	1,207	18,662	0	0	472,782	1,215	493,864	472,780	96%
February	0	1,1661	0	2,280,000	133,320	45	2,415,026	2,413,320	100%
<b>Project to Date Total</b>	<b>381,100</b>	<b>263,352</b>	<b>224,178</b>	<b>7,320,000</b>	<b>3,909,280</b>	<b>14,625</b>	<b>12,112,535</b>	<b>11,453,458</b>	<b>95%</b>

## 4.8 Worker Safety

### 4.8.1 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.

#### 4.8.1.1 Safety Training

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

#### 4.8.1.2 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 K.

#### 4.8.1.3 Continuing or Unresolved Situations

- None to report.

#### 4.8.1.4 First Aid or Recordable Injuries

- None to report.

### 4.8.2 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 K.

## 5.0 Compliance Requirements Completed During the Reporting Period

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

Table 5-1. Compliance Submittals During the Reporting Period

COC	Description	Date Submitted	CEC Approval Date	Status
AQ-SC1	Air Quality Construction Mitigation Manager (AQCMM)	2/6/17	2/16/17	Approved

## 6.0 Compliance Submittals Pending Approval

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

## 7.0 Changes to Conditions of Certification

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

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

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

Due to the Limited Notice to Proceed (LNTP) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTP activities. The LNTP VIS-3 submittal was approved by the CEC on May 3, 2016. The comprehensive VIS-3 submittal was submitted to the CEC on December 13, 2016.

### 7.2 WORKER SAFETY-1 Project Construction Safety and Health Program

Due to the LNTP activities approved by the CEC, AES proposed an amended WORKER SAFETY-1 submittal to specifically address the activities being performed under LNTP activities. The submittal (Site-specific Health and Safety Plan) specifically addressed the asbestos and lead abatement project and was

approved by the CEC on May 9, 2016 with the understanding that future WORKER SAFETY-1 submittals addressing the remaining three activities (listed below) will be submitted once a contractor has been selected to conduct the work scope:

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

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

The LNTF 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 M.

## 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 LNTF. The hotline was activated on June 1, 2016, and since has received 35 calls with no complaints received. The hotline did not receive any calls in the month of February 2017. Call log is included in Appendix N.

# Appendix A

## Construction Schedule

AES HBEP NTP SCHEDULE (CLH) 2-28-17

AES Owner's Schedue

03-Mar-17 09:02

Activity ID	Activity Name	OD	% Cmplt	Start	Finish	YF	W	2016				2017				2018				2019				2020				2021				2022				2023					
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
AES HBEP NTP SCHEDULE (CLH) 2-28-17				529	73.72%	09-Mar-15 A	08-Sep-17	1140																																	
OSHB-1000	Project Start	0	100%	01-Sep-15 A			5																																		
OSHB-1100	Review Existing Agreements	10	100%	19-Jan-16 A	20-Apr-16 A		5																																		
OSHB-1150	Prepare Execution Plan Draft	5	100%	11-Apr-16 A	21-Apr-16 A		5																																		
OSHB-1200	Project Execution Plan Final	20	100%	21-Apr-16 A	15-Jul-16 A		5																																		
Development of Stakeholder Management Plan				242	99.59%	01-Sep-15 A	28-Feb-17	99																																	
Identification of Stakeholders				242	99.59%	01-Sep-15 A	28-Feb-17	99																																	
Internal Stakeholders				1	100%	01-Sep-15 A	18-Jan-16 A	5																																	
OSHB-1210	AES Operations	1	100%	01-Sep-15 A	01-Sep-15 A		5																																		
OSHB-1220	AES E&C	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1230	Kiewit	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1240	AGIC	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1250	US SBU Financial	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1260	US SBU Legal	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1270	US SBU Safety	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1280	US SBU Environmental	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1290	Supply Chain	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1300	US SBU Risk Management	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
OSHB-1310	AES West BD	1	100%	18-Jan-16 A	18-Jan-16 A		5																																		
External Stakeholder				1	0%	28-Feb-17	28-Feb-17	99																																	
SGE		1	0%	28-Feb-17	28-Feb-17	99	5																																		
OSHB-1320	Current Contract	1	0%	28-Feb-17	28-Feb-17	99	5																																		
OSHB-1330	Power Purchase Agreement	1	0%	28-Feb-17	28-Feb-17	99	5																																		
OSHB-1340	Switchyard	1	0%	28-Feb-17	28-Feb-17	99	5																																		
OSHB-1350	Remediation	1	0%	28-Feb-17	28-Feb-17	99	5																																		
OSHB-1360	Real Estate	1	0%	28-Feb-17	28-Feb-17	99	5																																		
SC Gas		0	0%			0																																			
SC Gas-1		0	0%			0																																			
Shopoff		0	0%			0																																			
SCAQMD		0	0%			0																																			
Coastal Commission		0	0%			0																																			
HB Fire		0	0%			0																																			
Orange County		0	0%			0																																			
Chamber of Commerce		0	0%			0																																			
Unions		0	0%			0																																			
DTSC		0	0%			0																																			
Mills Land & Water Co (Newland Parking Lot)		0	0%			0																																			
ASCON (landfill site)		0	0%			0																																			
Prepare and Submit NTP COC Submittals				301	100%	09-Mar-15 A	29-Aug-16 A	5																																	
OSHB-1580	Submit PAL-4 to CEC	2	100%	09-Mar-15 A	09-Mar-16 A		5																																		
OSHB-1450	Submit CUL-2 to CEC	1	100%	17-Sep-15 A	17-Sep-15 A		5																																		
OSHB-1370	Submit AQ-SC1 to CEC	7	100%	18-Sep-15 A	01-Apr-16 A		5																																		
OSHB-1400	Submit BIO-1 to CEC	7	100%	18-Sep-15 A	18-Sep-15 A		5																																		
OSHB-1410	Submit BIO-3 to CEC	7	100%	18-Sep-15 A	18-Sep-15 A		5																																		
OSHB-1440	Submit CUL-1 to CEC	1	100%	18-Sep-15 A	22-Apr-16 A		5																																		
OSHB-1490	Submit CUL-7 to CEC	1	100%	18-Sep-15 A	18-Sep-15 A		5																																		

Page 2 of 5

AES HBEP NTP SCHEDULE (CLH) 2-28-17

AES Owner's Schedue

03-Mar-17 09:02

Activity ID	Activity Name	OD	% Cmpl	Start	Finish	YF	Ar																																
								2016				2017				2018				2019				2020				2021				2022				2023			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
OSHB-1710	Clean/Cut/Cap Existing Utility Clearance All - UG	20	100%	12-Aug-16 A	23-Aug-16 A	5																																	
Environmental Assessment		255	98.04%	14-Sep-15 A	17-Mar-17	86																																	
Asbestos and Lead Paint Surveys		31	100%	14-Sep-15 A	30-Nov-15 A	5																																	
OSHB-1720	Site Field Work	7	100%	14-Sep-15 A	22-Sep-15 A	5																																	
OSHB-1730	Development and Review of Survey Document	31	100%	19-Oct-15 A	30-Nov-15 A	5																																	
Soil Sampling & HRA		197	100%	04-Jan-16 A	28-Jun-16 A	5																																	
OSHB-1740	SCE Approval of Sampling Plan on Triangle Land	5	100%	04-Jan-16 A	19-Jan-16 A	5																																	
OSHB-1750	Initial Soil Sampling Work	60	100%	11-Jan-16 A	12-Feb-16 A	5																																	
OSHB-1760	*DRAFT* Site Characterization Field Work and Report	40	100%	12-Jan-16 A	22-Feb-16 A	5																																	
OSHB-1770	No Remediation required	90	100%	09-May-16 A	13-May-16 A	5																																	
OSHB-1755	Return for Additional Soil Sample	5	100%	09-May-16 A	13-May-16 A	5																																	
OSHB-1765	*FINAL* Site Characterization Field Work and Report	31	100%	09-May-16 A	13-May-16 A	5																																	
OSHB-1780	Submit WASTE-1 to CEC	45	100%	28-Jun-16 A	28-Jun-16 A	5																																	
Geotechnical Analysis		75	100%	27-Jan-16 A	22-Jun-16 A	5																																	
OSHB-1790	Meet with Kiewit and confirm schedule	1	100%	27-Jan-16 A	27-Jan-16 A	5																																	
OSHB-1800	Complete geotechnical work plan	40	100%	28-Jan-16 A	23-Mar-16 A	5																																	
OSHB-1810	Conduct Site Survey / Mobilize	3	100%	21-Mar-16 A	23-Mar-16 A	5																																	
OSHB-1820	Geotech Field Work	15	100%	23-Mar-16 A	01-Apr-16 A	5																																	
OSHB-1805	Geotech Work Plan to CBO (FOR INFORMATION ONLY)	1	100%	25-Mar-16 A	25-Mar-16 A	5																																	
OSHB-1830	Complete geotech report	30	100%	04-Apr-16 A	22-Jun-16 A	5																																	
OSHB-1840	No Contamination Found / HRA not Required	7	100%	10-Jun-16 A	10-Jun-16 A	5																																	
NPDES Requirements		72	100%	07-Apr-16 A	15-Jul-16 A	5																																	
OSHB-1860	Development of Construction SWPPP	25	100%	07-Apr-16 A	28-Apr-16 A	5																																	
OSHB-1870	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND COMMENT)	11	100%	29-Apr-16 A	07-Jun-16 A	5																																	
OSHB-1880	Submit SOIL&WATER-1 to CEC	20	100%	29-Apr-16 A	06-Jun-16 A	5																																	
OSHB-1885	Approve Soil & Water and SWPPP	15	100%	07-Jun-16 A	15-Jul-16 A	5																																	
Temporary Utilities - Trailers		135	100%	20-Apr-16 A	23-Sep-16 A	5																																	
OSHB-1890	ID Locations	15	100%	20-Apr-16 A	10-May-16 A	5																																	
Service Agreements		120	100%	11-May-16 A	23-Sep-16 A	5																																	
OSHB-1900	SCE 220V/480V Supply	120	100%	11-May-16 A	23-Sep-16 A	5																																	
OSHB-1910	Internet	90	100%	11-May-16 A	23-Sep-16 A	5																																	
OSHB-1920	Phones	90	100%	11-May-16 A	23-Sep-16 A	5																																	
OSHB-1930	Water	90	100%	11-May-16 A	14-Sep-16 A	5																																	
OSHB-1940	Sewage	20	100%	11-May-16 A	08-Jun-16 A	5																																	
Asbestos and Lead Paint Abatement Admin Work		13	100%	01-Feb-16 A	14-Apr-16 A	5																																	
OSHB-1950	Develop Abatement Technical Specs	5	100%	01-Feb-16 A	05-Feb-16 A	5																																	
OSHB-1960	Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION ONLY)	2	100%	08-Feb-16 A	09-Feb-16 A	5																																	
OSHB-1970	Bid and Award Asbestos and LP Abatement Contractor	8	100%	14-Mar-16 A	23-Mar-16 A	5																																	
OSHB-1980	Submit WASTE-2 form to AQMD and CEC	10	100%	31-Mar-16 A	14-Apr-16 A	5																																	
OSHB-1990	Complete SCAQMD Notification form - Rule 1403	10	100%	31-Mar-16 A	14-Apr-16 A	5																																	
Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances		252	98.02%	16-Nov-15 A	17-Mar-17	86																																	

Actual Level of Effort

Actual Work

Remaining ...

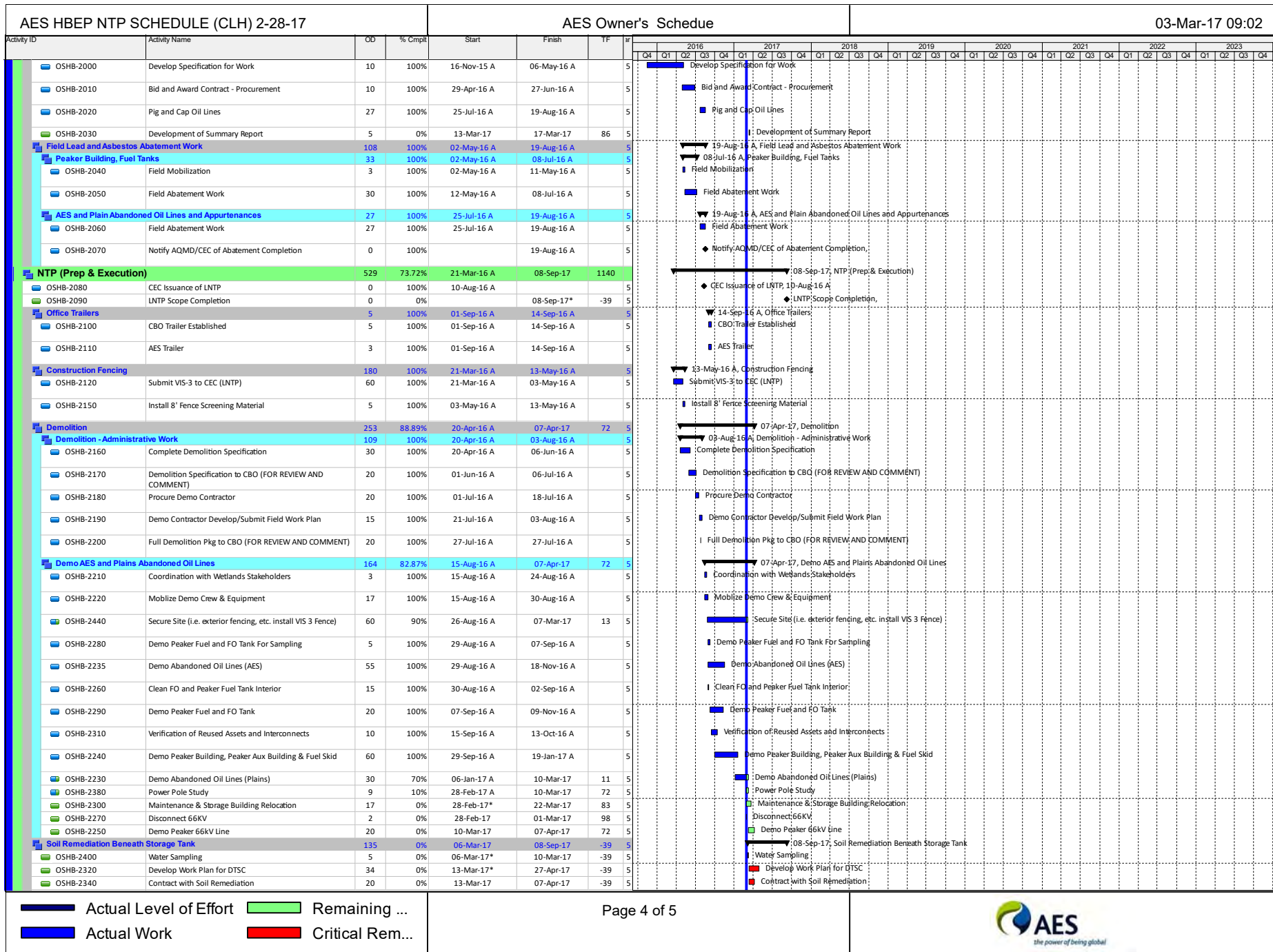
Critical Rem...

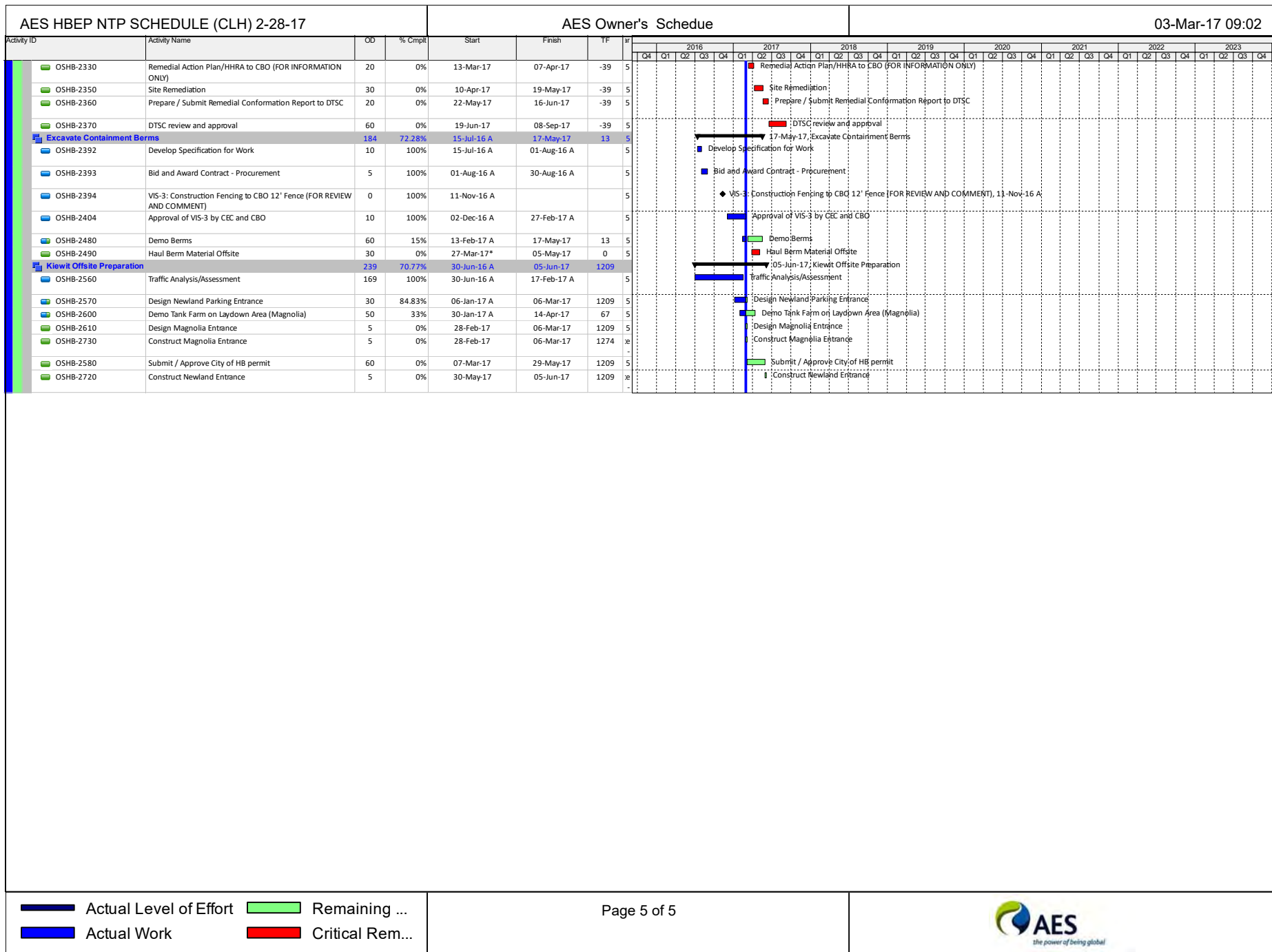
Page 3 of 5

AES

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## Appendix B

### Key Events

## Key Event List

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

<b>EVENT DESCRIPTION</b>	<b>DATE</b>
Certification Date	Oct 29, 2014
Petition to Amend Submitted	Sept, 17 2015
<b>POWER PLANT SITE ACTIVITIES</b>	
Asbestos and Lead Surveys	Sept 22, 2015
Phase I - Soil Sampling - HRA	Feb 12, 2016
Site Survey and LIDAR Scan	Mar 23, 2016
GeoTech Field Work	April 1, 2016
AQMD Notification for Abatement	April 12, 2016
Phase 2 - Soil Sampling - HRA	May 10, 2016
Lead and asbestos Abatement	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTF Owners scope	Aug 10, 2016
Clean and Cap Fuel Oil Lines	Jul 25, 2016
Office Trailers (CBO and AES)	Sept 2, 2016
Mobilizations for Demo	Aug 15, 2016
Demo Fuel Oil Tank	Aug 29, 2016
Demo Oil Lines and 66KV	Oct 3, 2016
Demo Fuel oil Tank Final	Oct 31, 2016
Demo Peaker Building	Oct 12, 2016
Removal of Berms	Mar 20, 2017
Site Remediation (If required)	Apr 20, 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 (AQCM)	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. Submitted resume for Jeff McClarty 11/14/16. Approved 12/2/16. Submitted resumes for Hong Zhuang and Jerry Salamy for approval 2/7/17. Approved 2/16/17.
AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	CH2MHill				10/8/2015	Approved	Review status with CEC on next call. AES to lead. 3/15/16
AQ-SC6	Construction Particulate Matter Mitigation Plan	CH2MHill				6/28/2016	Approved	Submitted to CEC for approval 6/28/16. Same submittal re-submitted on 7/5/16. Approved 7/12/16.
BIO-1	Appointment and Qualifications of Designated Biologist	CH2MHill				9/18/2015	Approved	9/25/2015
BIO-3	Appointment and Qualifications of Biological Monitor	CH2MHill				9/18/2015	Approved	9/25/2015. Submitted 9/1/16 with Ava Eden and Chris Taylor's resumes for CEC approval. Approved 9/16/16.
BIO-5	Biological Resources Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	Combined CUL, BIO, and Paleo. CEC requested translation plan. No translations are currently planned or necessary. CH2M Hill currently responding to 10/12/15 CEC email. Based on 10/22/15 conversation with CEC CPM Eric Veerkamp, he will go back to his staff to determine if this is necessary (10/26/15). Pending AES Review. AES has decided not to provide a Spanish translation. CEC provided comments on 11/20/15. CEC comments provided the CH2M on 1/27/16. CH2M to provide price for voice over in spanish. Once Cul-1 is approved, request approval for WEAP. CH2M to send WEAP for review by 2/10/16. CH2M submitted WEAP to AES 2-10-16. AES provided comments 2-12-15. CH2M addressing comments and will return final to AES by COB 2-15-16. Submitted to CEC for approval 3/9/16. CEC provided comments on 3/16/1, CH2M addressing comments. CH2M submitted to AES for review 4/15/16. Re-submitted to CEC for approval 4/20/16. CEC approval 5/3/16.
BIO-6	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Draft document submitted by CH2MHill 10/30/15. For AES review and comment. AES and Talperion provided comment on 12/03/15. CH2M Hill currently addressing comments. CH2M to send for review by 2/10/16. AES to provide comments to figures by 2/9/16. AES to review and provide comments by 2/19/16. CH2M submitted BRMIMP to AES 2-10-16. AES will review and provide comments mid-week (2-17-16). CH2M submitted final draft on 2/26/16. Submitted to CEC for approval 3/9/16. Approved 3/23/16
BIO-8	Pre-Construction Nest Surveys and Impact Minimization Measures for Breeding Birds	CH2MHill					Approved	Submitted Melissa Fowler's resume to USDFWS and CDFW 4/8/16. CDFW submitted comments 4/8/16. CH2M addressing comments and will provide for review by 4/11/16. Re-submitted to USFWS 4/12/16. USFWS provided comments back 4/12/16, CH2M addressing comments. Provided comments to USFWS and added Gary Santolo's resume to accompany Melissa Fowler on 4/14/16. USFWS provided comments back 4/15/16, CH2M addressing comments. Assessments and survey are put on hold until mid-June. First survey was conducted on 6/6/2016, notification was sent to CEC on 6/7/16. Approved 6/9/16.
COM-4	Pre-Construction Matrix and Tasks Prior to Start of Construction	CH2MHill					Approved	

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

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
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
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	CEC Review	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-submitted to CEC for approval 4/27/16. CEC approval 5/3/16. Submitted Construction Screening Addendum 11-11-16. Re-submitted addendum with an installation timeline 11/16/16. Approved 11/30/16. Submitted Comprehensive landscape and site restoration plan 12/6/16. After discussion with CEC on 12/9/16, AES re-submitted plan on 12/13/16. <b>CEC provided comments on 1/18/17.</b>
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



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
WORKER SAFETY-1	Project Construction Safety and Health Program	AES				4/1/2016	Approved	WEAP - Prepared by Ron Butcher for AES; incorporate operating site program. Submittal pending AES signature. AES submittal to CEC anticipated 11/2/15. AES evaluating comments from Fire Department. AES to hear back from Fire Department by 2/26/16. Submitted to CEC for approval 4/1/16. CEC provided comments 4/12/16, AES addressing comments. RE-submitted to CEC for approval 4/20/16. CEC provided comments 4/27/16, AES addressing comments. Re-submitted for CEC approval 5/6/16. CEC approval 5/9/16. Submitted Demo Site Specific H&S Plan for CEC approval 7/27/16. Approved 8/4/16.
WORKER SAFETY-3	Construction Safety Supervisor	AES				9/18/2015	Approved	10/5/2015
WORKER SAFETY-4	Safety Monitor						Approved	10/6/2015
WORKER SAFETY-5	Automatic External Defibrillator	AES				9/18/2015	Approved	10/6/2015

## Appendix D

### CBO Documentation

# Transmittal Report

Transmittal Number: CBO-012

Date: 2/20/2016

**Project:** Huntington Beach Energy Project – Owner’s Scope

**Package:** STRUC-1

**Subject:** Construction Screening Scaffolding Design- Rev 4

**Due Date:** 2/20/17

**Comments:** Documents submitted to CBO for approval

[illegible]

# Transmittal Report

Transmittal Number: CBO-013

Date: 2/20/2016

**Project:** Huntington Beach Energy Project – Owner’s Scope

**Package:** STRUC-1

**Subject:** Construction Screening Scaffolding Design Seismic Variance

**Due Date:** 2/20/17

**Comments:** Documents submitted to CBO for approval

[illegible]

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

Critical

				Color code key:	Demolition Item	Construction	Closeout Item	Date Submitted to CEC or Agency	Date Approved by CEC or Agency
Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
CIVIL-01	CONSTRUC TION		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.		3/24/2017		
CIVIL-02	CONSTRUC TION		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	CONSTRUC TION		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

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



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	GEN-08	CLOSE OUT		The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report,(a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective				
	GEO-01	CONSTRUC TION		A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and 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	CONSTRUC TION		The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.	advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain				COMPLETED
	HAZ-07	DEMO		Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the construction area 2. security guards 3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors 4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency 6. evacuation procedures	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.	CBO's approval.				
			Construction Site Security Plan					8/12/2016		COMPLETED
	✓ NOISE-06	DEMO		Heavy equipment operation and noisy6 construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed. Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance.				
			Letter of Acknowledgement						6/27/2016	COMPLETED
	S&W-01	DEMO		The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	Thirty (30) days prior to site mobilization of HBEP construction activities.				

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			Construction SWPPP					6/10/2016 1st submittal	7/20/2016	AES to re-submit SWPPP based on CBO comments. Submitt by 9/9/16	
			Notice of Intent (NOI)					8/8/2016		COMPLETED	
	✓	S&W-03	DEMO	Prior to any groundwater dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The dewatering plan shall include maximum daily and average daily pumping rates, and total volume expected to be pumped during dewatering, as well as the dates expected to be used for dewatering. The plan shall also include estimates of drawdown that may occur at the adjacent marsh land, and identify potential mitigation, as needed, as well as describe under what circumstances such mitigation would be implemented.	At least sixty (60) days prior to dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The project owner shall provide a report on the dewatering daily average and maximum rate and total daily volumes in each monthly compliance report when dewatering occurs. At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit. The project owner shall submit a copy of any correspondence between the project owner and the RWQCB regarding the waiver or permit and all related reports to the CPM within 10 days of correspondence receipt or submittal.	At least sixty (60) days prior to dewatering.				No dewatering anticipated during LNTP.	
	✓	S&W-04	DEMO	Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to HBEP operation, the project owner shall submit to the CPM a copy of the Industrial SWPPP.	Prior to construction mobilization.					
			NPDES Permit						6/28/2016	COMPLETED	
			Monthly Non-Compliance Report								To be included in MCR
		STRUC-01	DEMO	Prior to the start of any increment of construction, the project owner shall submit plans, calculations and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. The project owner shall: 1. Obtain approval from the CBO of lateral force procedures proposed for project structures. 2. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. If there are conflicting requirements, the more stringent shall govern (for example, highest loads, or lowest allowable stresses shall govern). All plans, calculations, and specifications for foundations that support structures shall be filed concurrently with the structure plans, calculations, and specifications. 3. Submit to the CBO the required number of copies of the structural plans, specifications, calculations, and other required documents of the designated major structures prior to the start of on-site fabrication and installation of each structure, equipment support, or foundation. 4. Ensure that the final plans, calculations, and specifications clearly reflect the inclusion of approved criteria, assumptions, and methods used to develop the design. The final designs, plans, calculations, and specifications shall be signed and stamped by the responsible design engineer. 5. Submit to the CBO the responsible design engineer's signed statement that the final design plans conform to applicable LORS.	At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed .					
			Structural Design of Trailers						7/13/2016	7/27/2016	APPROVED
			GSD Construction Trailer Foundation Design						9/9/2016	9/13/2016	APPROVED
			Demolition Work Plan						9/9/2016		COMPLETED
			12' Construction Fence Design						11/14/2016		Received CBO comments on 11/18/16. Received additional commetns on 12/20/16. Re-submitted to NV5 on 1/27/17. Received comments on 1/30/17.
			Utility Clearance Plan						9/9/2016		Utility Isolation Verification - East Fuel Oil Tank and Distillate Tank SUBMITTED 9/13/16



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		Demolition Site Delineation Plan					3/24/2017		
VIS-1	CONSTRUCTION		Prior to submitting the master drawings and master specifications list for the project to the Chief Building Official (CBO) and the Compliance Project Manager (CPM), the project owner shall prepare and submit a Visual Screening and Enhancement Plan for Project Structures (Plan) that includes methods and materials to visually screen and treat surfaces of publicly visible power plant structures.	No more than 45 calendar days before submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of GEN-2), the project owner shall submit a Visual Screening and Enhancement Plan for Project Structures to the CPM for review and approval.					COMPLETED Re-opened due to scope change; berm removal to take place during demo
VIS-2	CONSTRUCTION		The project owner shall prepare and implement a Perimeter Screening and On-site Landscape and Irrigation Plan (Plan) to screen views of power plant structures.	No more than 45 calendar days after submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of Condition of Certification GEN-2), the project owner shall submit the Perimeter Screening and On-site Landscape and Irrigation Plan to the CPM for review and approval.					Re-opened due to scope change; berm removal to take place during demo
VIS-03	DEMO		Prior to the start of site mobilization, the project owner shall prepare and implement a Construction Screening, Landscape Protection, and Site Restoration Plan describing methods and materials that will be used during each project phase to screen project construction and parking areas and views of the project site from areas where construction activities have the potential to be visible during a phase. The Construction Screening, Landscape Protection, and Site Restoration Plan will describe methods and materials to identify and protect existing landscape trees and shrubs. The Construction Screening, Landscape Protection, and Site Restoration Plan will identify existing landscaped areas where plantings will be retained and where they will be permanently removed. The Construction Screening, Landscape Protection, and Site Restoration Plan will include provisions to restore areas where ground disturbance occurred during construction.	At least 60 calendar days before the start of site mobilization, the project owner shall submit a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM for review and approval. Simultaneously with the submission of a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM, the project owner shall submit seven copies of a Construction Screening, Landscape Protection, and Site Restoration Plan to the City of Huntington Beach Planning and Building Department for review and comment.	At least 60 calendar days before the start of site mobilization.				Re-opened due to scope change; berm removal to take place during demo  Submitted to CEC on 11/16/16
VIS -04	DEMO		Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, construction worker parking lots, and construction laydown areas minimizes potential adverse night lighting impacts by implementing the following measures: 1. All fixed-position lighting shall be hooded and shielded to direct light downward and toward the construction area to be illuminated to prevent illumination of the night sky and minimize light trespass (i.e., direct light extending beyond the boundaries of the construction worker parking lots and construction sites, including any security-related boundaries). 2. Lighting of any tall construction equipment (e.g., scaffolding, derrick cranes, etc.) shall be directed toward areas requiring illumination and shielded to the maximum extent practicable. 3. Task-specific lighting shall be used to the maximum extent practicable. 4. Wherever and whenever feasible, lighting shall be kept off when not in use and motion sensors shall be used to the maximum extent practicable. 5. The Compliance Project Manager (CPM) shall be notified of any construction-related lighting complaints. Complaints shall be documented using a form in the format shown in Attachment 1, and completed forms shall record resolution of each complaint. A copy of each completed complaint form shall be provided to the CPM. Records of lighting complaints shall also be kept in the compliance file at the project site.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones, the project owner shall notify the CPM that the lighting is ready for inspection. Verification is to be repeated for these three construction milestones: • Demolition of HBGS Unit 5 and east fuel oil tank and construction of Power Block 1 • Construction of Power Block 2 • Demolition of HBGS Units 1 and 2 and construction of Buildings 33 and 34 If the CPM determines that modifications to the lighting are needed for any construction milestone, within 14 calendar days of receiving that notification, the project owner shall correct the lighting and notify the CPM that modifications have been completed. Within 48 hours of receiving a lighting complaint for any construction activity, the project owner shall provide a copy of the complaint report and resolution form to the CPM, including a schedule for implementing corrective measures to resolve the complaint. The project owner shall report any lighting complaints and document their resolution in the Monthly Compliance Report for the project, accompanied by copies of completed complaint resolution forms for that month.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones.				APPROVED

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

Critical	Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
	WORKER SAFETY-03	DEMO		The project owner shall assign a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, has knowledge of of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects 3. assure that all construction and commissioning workers and supervisors receive adequate safety training 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safetyrelated incidents 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.	At least 60 days prior to the start of site mobilization, the project owner shall submit the name and contact information for the CSS to the CPM for review and approval. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 60 days prior to the start of site mobilization.		8/29/2016		COMPLETED
	WORKER SAFETY-04	DEMO		The project owner shall, through an agreement with the Chief Building Official (CBO), obtain and pay for the services of a Safety Monitor. The services of the Safety Monitor shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall have full access to the project site to conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	At least 60 days prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	At least 60 days prior to the start of construction.			10/5/2015	COMPLETED
	WORKER SAFETY - 06	DEMO		The project owner shall prepare an Emergency Access Plan that shows all of the following: (1) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 1; (2) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 2; (3) a 26-foot wide fire lane from the HBEP main entrance to the continuous loops referenced in (1) and (2) above; and (4) a 26-foot wide fire lane from a secondary access point to the continuous loops referenced in (1) and (2) above. Both access lanes shall connect to a public street. Corners must allow for clear travel of a minimum 17-foot inner radius and 45-foot outer radius (radius must be concentric). The fire lanes shall be designed and maintained to support the imposed loads of fire apparatus (75,000 lbs. load/12,000 point load) and shall be surfaced to provide all-weather driving capabilities. Fire lane signage shall be provided as per City of Huntington Beach Specification #415. The 26-foot wide fire lanes shall meet the applicable requirements of the California Fire Code, City of Huntington Beach Municipal Code Chapter 17.56 - Huntington Beach Fire Code, and the Huntington Beach Fire Department City Specifications.	At least 60 days prior to the start of construction of any structures or components listed in the CBO-approved master drawing and master specification list, or within a timeframe approved by the CPM, the project owner shall submit the Emergency Access Plan to the City Fire Department for review and timely comment, and to the CPM and CBO for review and approval.	At least 60 days prior to the start of construction.				COMPLETED
	TRANS-6	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)  
February 2017 Reporting Period

Vendor	Document Date	Posting Date	Net due date	Amount in local currency	Reference	Text
NV5 INC	1/15/2016	3/9/2016	2/29/2016	-5,160.30	40668	NV5 CBO Agreement For HBES
NV5 INC	1/19/2016	1/19/2016	1/19/2016	19,100.07		
NV5 INC	2/12/2016	3/10/2016	3/28/2016	-7,239.61	41755	NV5 CBO Agreement For HBES
NV5 INC	3/9/2016	3/28/2016	4/23/2016	-8,005.92	42670	NV5 CBO Agreement For HBES
NV5 INC	3/14/2016	3/14/2016	3/14/2016	5,160.30		
NV5 INC	3/21/2016	3/21/2016	3/21/2016	7,239.61		
NV5 INC	4/18/2016	4/18/2016	4/18/2016	8,005.92		
NV5 INC	4/18/2016	5/13/2016	6/2/2016	-52,536.24	44044	NV5 CBO Agreement For HBES
NV5 INC	5/11/2016	5/17/2016	6/25/2016	-56,551.37	45192	NV5 CBO Agreement For HBES
NV5 INC	5/23/2016	5/23/2016	5/23/2016	52,536.24		
NV5 INC	6/8/2016	6/13/2016	7/8/2016	-85,958.60	46570	NV5 CBO Agreement For HBES
NV5 INC	6/20/2016	6/20/2016	6/20/2016	56,551.37		
NV5 INC	7/1/2016	7/1/2016	7/1/2016	85,958.60		
NV5 INC	7/7/2016	7/19/2016	8/6/2016	-91,807.30	48179	NV5 CBO Agreement For HBES
NV5 INC	8/1/2016	8/1/2016	8/1/2016	91,807.30		
NV5 INC	8/11/2016	8/18/2016	9/10/2016	-68,556.30	49929	NV5 CBO Agreement For HBES
NV5 INC	9/5/2016	9/5/2016	9/5/2016	68,556.30		
NV5 INC	9/19/2016	9/23/2016	10/19/2016	-107,821.03	51662	NV5 CBO Agreement For HBES
NV5 INC	10/3/2016	10/3/2016	10/3/2016	107,821.03		
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
NV5 INC	11/7/2016	11/7/2016	11/7/2016	108,324.88		
NV5 INC	11/17/2016	11/28/2016	12/17/2016	-97,570.98	54871	NV5 CBO Agreement For HBES
NV5 INC	12/12/2016	12/12/2016	12/12/2016	97,570.98		
NV5 INC	12/15/2016	12/22/2016	1/14/2017	-108,727.49	56379	NV5 CBO Agreement For HBES
NV5 INC	1/9/2017	1/9/2017	1/9/2017	108,727.49		
NV5 INC	1/20/2017	1/26/2017	2/19/2017	-88,982.03	58053	January Invoice - NV5 CBO Agreement For HBES
NV5 INC	2/13/2017	2/13/2017	2/13/2017	88,982.03		January Invoice payment completed in February
NV5 INC	2/21/2017	2/24/2017	3/23/2017	-86,449.69	59550	NV5 CBO Agreement For HBES

## Appendix E

### Air Quality



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

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02/27/17

## 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.

1. SKID STEER TRACK LOADER 2400#> Unit # 10519303
2. WATER TRUCK 2000 GALLON Unit # 10269619

E.I.N.  
KT8C54

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

Mark Skye  
Branch Manager  
United Rentals, Inc.





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

---

02/28/17

## 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 Kiewit Power Construction at: 21730 Newland St, Huntington Beach.

								Eq#	EIN#
2/28/2017		Kiewit	United Rentals	JLG	12 K Forklift	2012	160046055	10061922	JX9S97

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

Mark Skye  
Branch Manager  
United Rentals, Inc.



## Construction Equipment & Services

2/28/2017

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 EXCAVATOR

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 2/28/2017: 1649 hours.

Last oil change service completed: 1500 hour service completed 1/09/2017 @ 1525

Last inspection by Volvo technician: 1/09/2017.

Last inspection by Volvo Product Support: 2/21/2017.

Next oil service due: 2000 hours

### Equipment Information ARTICULATED HAULER

Manufacturer: Volvo

Model Number: A30G

Serial Number: 740174

Year: 2015

### Engine Information

Manufacturer: Volvo

Model Number: D11L

Serial Number: 357506

Year: 2015

Family Number: FVSXL 10.8T4F





Horsepower: 355  
Displacement: 10.8 litres

Current hours reported on 2/28/2017: 435 hours.  
Last oil change service completed: 500 hour service completed 2/10/2017 @ 429  
Last inspection by Volvo technician: 2/15/2017.  
Last inspection by Volvo Product Support: 2/21/2017.  
Next oil service due: 1000 hours

R/S,

BK7 ARRELL

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



# Kiewit

Kiewit Infrastructure West Co.  
10704 Shoemaker Ave  
Santa Fe Springs, CA 90670  
Phone (562) 946-1816 Fax (562) 309-8305

03/01/2017

## LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and Kiewit's recommendations.

This is for the equipment listed below at:

21730 NEWLAND ST, HUNTINGTON BEACH

<u>Description</u>	<u>Unit</u> <u>Number</u>	<u>Serial Number</u>
1. John Deere- 210K Ski Loader	155857	1T8210KXCDE891633
2. Workhorse-535 Gallon Water Trailer	138647	4S9BF0928BC041395
3. Miller-Trail Blazer 302	153217	MD231099R
4. Multiquip- Generator	171460	7152898
5. Caterpillar-Exc. 314D LCR	150091	SSZ00691
6. SEBHSA-Concrete Pump	170457	1493

All info verified by:  
Kiewit Infrastructure West Co.  
10704 Shoemaker Ave  
Santa Fe Springs, CA 90670

Steve Clem  
Southern California District Equipment Manager  
Kiewit Infrastructure West Co.

3/1/2017

Fontanafredda, March 11<sup>th</sup> 2017

TO WHOM IT MAY CONCERN

**Subject: B250UQ0306 Maintenance**

I certify that all preventive maintenance and service bulletins are current in accordance with Casagrande recommendations.

Feel free to forward this document to whom it may concern.

Giuliano Peressini  
(Design and Service Manager)



Appendix E  
HBEP Off Road Diesel Equipment

<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID</u> 6 digit alpha numeric	<u>HBEP ID</u>	<u>Equipment</u>						<u>Engine</u>						<u>Diesel (hp)</u>	<u>Tier</u>
				<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>		
7/25/2016	01/17/17	MU9W57	HBEP-EN005	CASE	590 Super N loader Backhoe	2014	JJGN59SNCEC711133	WA Rassic	WA Rassic	FPT Industrial	FFPXL03.4ADD	FPT F5BFL413A	3.4 L	2014	201279	109	4
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	08/29/16	DW6G75	HBEP-EN003	JLG Skytrak	8042 Rough Terrain Forklift	2015	160066913	United Rentals	GSD	Cummins	ECEXL03.3ADA	QSB3.3	3.2 L	2014	68617161	100	4I
8/25/2016	onsite	VK3D96	HBEP-EN004	Volvo	EC480EL Excavator	2015	310118	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	EVSXL12.8T4F	D13J	12.8 L	2014	502602	373	4F
9/21/2016	09/29/16	NN5A78	HBEP-EN006	Genie	Z-80/60 Articulating Boom	2011	Z8011-3169	United Rentals	GSD	Deutz	BDZXL03.6082	TD2011L041	3.6 L	2011	11055233	74	4I
10/3/2016	10/04/16	LY5A47	HBEP-EN007	JLG	1250AJP Articulating Boom	2014	300186601	United Rentals	GSD	Deutz	DDZXL02.9016	TCD 2.9 L4	2.9L	2013	11544050	74	4F
10/17/2016	11/22/16	EC9H83	HBEP-EN008	JLG	G12-55A ext fork lift	2014	160060843	Sunstate	WA Rassic	Cummins Inc.	ECEXL04.5AAE	QSB4.5	4.5 L	2014	73630523	130	4I
11/8/2016	11/10/16	KG9X86	HBEP-EN009	Genie	S-40 Telescopic Boom	2015	S4015-21143	United Rentals	GSD	Deutz	CDZXL03.1041	D2011L03I	2.3 L	2012	11104845	49	4F
12/1/2016	01/26/17	UD8D93	HBEP-EN010	Genie Articulating Boom	Z-60/34	2011	Z6011-10791	United Rentals	GSD	Deutz	CDZXL03.1041	D2011L03I	2.3 L	2012	11104845	49	4I
2/21/2017	Onsite	SN3N67	HBEP-EN011	Volvo	A30G/Articulate Truck	2015	740174	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	FVSXL 10.8T4F	D11L	10.8	2015	357506	355	4F
2/27/2017	Onsite	YK4J36	HBEP-EN012	John Deere	JD 210K Skip Loader	2013	1T8210KXCDE891633	Kiewit	Kiewit	John Deere	DJDXL04.5211	4045HT073	4.5	2013	PE4045R053118	88	4I
2/28/2017	Onsite	DH8Y47	HBEP-EN013	SEBHSA	Concrete Pump	2016	1493	Kiewit	Kiewit	Perkins	GPKXL04.4MU1	C4.4	4.4	2016	JKT02830	174	4F
2/28/2017	Onsite	PU9S79	HBEP-EN016	Casagrande	B250 Drill Rig	2011	B250UQ0306	IDE	Kiewit	Deutz	ADZXL15.9065	TCD 2015 V06	15.9	2011	9193813	443	T3
2/28/2017	Onsite	JX9S97	HBEP-EN014	JLG	G12-55A Forklift	2012	160046055	Kiewit	United Rentals	Cummins	CCEXL04.5AAE	QSB4.5	4.5	2012	73403430	110	4I
2/28/2017	Onsite *	GF8S49	NA	Caterpillar	314D LCR Excavator	2012	SSZ00691	Kiewit	Kiewit	Mitsubishi Heavy Ind	BMVXL04.2CCC	C4.2	4.2	2012	JKH17698	95.6	TBD

Note:  
\*: The 314D LCR Excavator was brought to site on 2/28/2017, but has not be used. It is pending for compliance evalution.



645 ANGUS STREET  
RURAL HALL, NC 27045  
p 877-207-6062 • f 866-710-3842  
**IDE DRILLS.com**

March 6<sup>th</sup>, 2017

Kiewit Infrastructure Co.  
302 So. 36<sup>th</sup> Street Suite 400  
Omaha, NE 68131

Ref: Displacement and CFA 24 to 25 meters

Dear Mark-

Upon your request and requirements of your job time frame, depth and diameters we estimated the best rig for the Job is our B250XP setup in Hybrid CFA/displacement. Unfortunately, we do not have any tier 4I or Tier 4-Final available in North America capable of handling your required depths and the only available B250XP capable of reaching your required depth is our B250UQ0306. The unit is equipped with a **Deutz TCD205 V06**: - Rated power: 330 kW (448 HP) at 2100 rpm - Exhaust emissions in accordance with EU STAGE IIIA.

*Thanks and Best regards,*

*Stephen Gazo*



645 Angus Street

Rural Hall, NC 27045

P: 877.207.6062 Ext: 301

F: 866.710.3842



# Kiewit

Kiewit Infrastructure Co.  
302 S 36<sup>th</sup> Street, Suite 400  
Omaha, NE 68131  
Phone (402) 231-4268 Fax (402) 346-8610

03/13/2017

## LETTER OF EQUIPMENT SELECTION METHOD

The intention of this letter is to verify that the CasaGrande B250 Drill Rig is the only practical equipment to facilitate the proposed test pile design. The CasaGrande drill rig was chosen in combination with Kiewit's tooling equipment and performance to meet the proposed test pile design requirements. International Drilling Equipment, Inc. is the only supplier of CasaGrande equipment. No additional vendors were contacted.

This is for the equipment listed below at:

21730 NEWLAND ST, HUNTINGTON BEACH

<u>Description</u>	<u>Serial Number</u>
1. CasaGrande B250 Drill Rig	9193813

All info verified by:  
Kiewit Infrastructure West Co.  
10704 Shoemaker Ave  
Santa Fe Springs, CA 90670

Lorelei Adams

Project Compliance Coordinator 3/13/17  
Kiewit Infrastructure West Co.

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=mark.smith@hbeplntf.com, c=US  
Date: 2017.02.01 09:07:46 -0800

Date: 02-01 2017 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 ready for deployment, 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, concrete rubble surrounded at toe with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-01 2017 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@hbepln.com, c=US  
Date: 2017.02.02 14:53:08 -0800

Date: 02-02 2017 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 ready for deployment, 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, concrete rubble surrounded at toe with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-02 2017 Thursday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2017.02.03 15:35:11 -0800

Date: 02-03 2017 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 ready for deployment, 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, concrete rubble surrounded at toe with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-03 2017 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, 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=mark.smith@hntb.com, c=US  
Date: 2017.02.06 12:41:56 -0800

Date: 02-06 2017 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 ready for deployment, 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, concrete rubble surrounded at toe with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

\* 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:

RAIN DAY CONTRACTOR NOT WORKING

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

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

Date: 02-06 2017 Monday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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:

RAIN DAY CONTRACTOR NOT WORKING

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@hbepln.com, c=US  
Date: 2017.02.07 11:51:18 -0800

Date: 02-07 2017 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 ready for deployment, 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	Tackifier used on disturbed areas, demo rubble piles surrounded with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-07 2017 Tuesday

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

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2017.02.08 10:28:53 -0800

Date: 02-08 2017 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?	y	rumble plates are ready for deployment as needed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	no inactive soil stockpiles, concrete rubble surrounded at toe with wattle
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.08 17:51:08 -0800

Date: 02-08 2017 Wednesday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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@hbepln.com, c=US  
Date: 2017.02.09 10:20:08 -0800

Date: 02-09 2017 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?	y	rumble plates are ready for deployment as needed, 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	toe of slopes erosion mitigation with wattle, covered, or tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-09 2017 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@hbepln.com, c=US  
Date: 2017.02.10 09:45:50 -0800

Date: 02-10 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-10 2017 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@hbepln.com, c=US  
Date: 2017.02.14 10:21:56 -0800

Date: 02-13 2017 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 ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.13 12:27:14 -0800

Date: 02-13 2017 Monday

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

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 02-14 2017 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 ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@huntingtonbeach.com, c=US  
Date: 2017.02.14 11:53:08 -0800

Date: 02-14 2017 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@hbepln.com, c=US  
Date: 2017.02.15 10:41:23 -0800

Date: 02-15 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-15 2017 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@hbepln.com, c=US  
Date: 2017.02.16 13:53:53 -0800

Date: 02-16 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@huntingtonbeach.com, c=US  
Date: 2017.02.16 12:14:14 -0800

Date: 02-16 2017 Thursday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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, ou=LNTP, email=marksmith@hbepr.com, c=US  
Date: 2017.02.22 10:35:16 -0800

Date: 02-21 2017 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 ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.21 12:12:14 -0800

Date: 02-21 2017 Tuesday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
Has any off-road diesel equipment been delivered to the site today?  Volvo A30G Truck	YES	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@hbepln.com, c=US  
Date: 2017.02.22 14:20:08 -0800

Date: 02-22 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.22 10:10:10 -0800

Date: 02-22 2017 Wednesday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
Has any off-road diesel equipment been delivered to the site today?	no	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	no	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	yes	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?	yes	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	no	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the 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@hbepln.com, c=US  
Date: 2017.02.23 15:54:14 -0800

Date: 02-23 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.23 12:43:11 -0800

Date: 02-23 2017 Thursday

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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=mark.smith@hbeplntf.com, c=US  
Date: 2017.02.24 14:53:55 -0800

Date: 02-24 2017 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?	y	rumble plates are ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2017.02.24 15:15:47 -0800

Date: 02-24 2017 Friday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2017.02.28 11:01:36 -0800

Date: 02-27 2017 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 ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-27 2017 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? Kiewit mobilized one JD210 Skip loader, and one JDL fork lift boom	yes	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@hbepln.com, c=US  
Date: 2017.02.28 08:53:11 -0800

Date: 02-28 2017 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 ready for deployment as needed, 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	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
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 road / off-site trucking of bulk soils
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	
<b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).</b>		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 02-28 2017 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?  one SEB - HSA cement grout mixer pump, B250X track mount Drill Rig	yes	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 February 25, 2017 between the hours of 12:00 AM and 3:59 AM. TYMCO Model 600 AIR CNG fueled sweeper completed the sweeping along the route outlined in the Construction Particulate Matter Mitigation Plan.

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

Street Name	Roadway Miles	Estimated PM <sub>10</sub> Reductions (lb/day)	Estimated PM <sub>2.5</sub> 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
<b>COC AQ-SC6 Requirement</b>		<b>8.26</b>	<b>0.79</b>

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



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
12:17:05 AM	LOC	ON	56mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:17:41 AM	LOC	ON	54mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:18:17 AM	LOC	ON	54mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:18:53 AM	LOC	ON	54mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:19:29 AM	LOC	ON	50mph E	Garden Grove Fwy/CA-22 Seal Beach CA 90740
12:20:05 AM	LOC	ON	51mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:20:41 AM	LOC	ON	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:21:17 AM	LOC	ON	54mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:21:53 AM	LOC	ON	55mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:22:29 AM	LOC	ON	50mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:23:05 AM	LOC	ON	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:23:41 AM	LOC	ON	56mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:24:17 AM	LOC	ON	28mph S	Center Ave & Beach Blvd Huntington Beach CA 92647
12:24:53 AM	LOC	ON	12mph N	Center Ave & Beach Blvd Huntington Beach CA 92647
12:25:29 AM	LOC	ON	5mph S	Beach Blvd/CA-39 Huntington Beach CA 92647
12:26:05 AM	LOC	ON	31mph S	16283 Beach Blvd/CA-39 Huntington Beach CA 92647
12:26:41 AM	LOC	ON	20mph S	7998 Alhambra Dr & Beach Blvd Huntington Beach CA 92647
12:27:17 AM	LOC	ON	37mph S	16771 Beach Blvd/CA-39 Huntington Beach CA 92647
12:27:53 AM	LOC	ON	33mph S	17083 Beach Blvd/CA-39 Huntington Beach CA 92647
12:28:29 AM	LOC	ON	35mph S	17463 Beach Blvd/CA-39 Huntington Beach CA 92647
12:29:05 AM	LOC	ON	35mph S	17841 Beach Blvd/CA-39 Huntington Beach CA 92647
12:29:42 AM	LOC	ON	41mph S	18223 Beach Blvd/CA-39 Huntington Beach CA 92648
12:30:18 AM	LOC	ON	41mph S	18695 Beach Blvd/CA-39 Huntington Beach CA 92648
12:30:54 AM	LOC	ON		18993 Beach Blvd/CA-39 Huntington Beach CA 92648



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
12:31:30 AM	LOC	ON	41mph S	19259 Beach Blvd/CA-39 Huntington Beach CA 92648
12:32:06 AM	LOC	ON		19477 Beach Blvd/CA-39 Huntington Beach CA 92648
12:32:42 AM	LOC	ON	40mph S	19801 Beach Blvd/CA-39 Huntington Beach CA 92648
12:33:18 AM	LOC	ON		19981 Beach Blvd/CA-39 Huntington Beach CA 92648
12:33:44 AM	STOP	WO	5mph E	8000 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:33:53 AM	INB	BO		8000 Adams Ave & Beach Blvd Huntington Beach CA 92646 BROOMS ON
12:33:54 AM	LOC	ON		8000 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:34:11 AM	INB	WO		8002 Adams Ave & Beach Blvd Huntington Beach CA 92646 WATER ON
12:34:30 AM	LOC	WO		8002 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:35:06 AM	LOC	WO	3mph E	8034 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:35:42 AM	LOC	WO	3mph E	8076 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:36:18 AM	LOC	WO	3mph E	Seabridge Ln & Adams Ave Huntington Beach CA 92646
12:36:54 AM	LOC	WO	2mph E	8181 Bridgepoint Dr & Seabridge Ln Huntington Beach CA 92646
12:37:30 AM	LOC	WO	2mph E	8164 Adams Ave & Rothern Ln Huntington Beach CA 92646
12:38:06 AM	LOC	WO	1mph E	8184 Adams Ave & Rothern Ln Huntington Beach CA 92646
12:38:32 AM	INB	BF	2mph E	20002 N New Britain Ln & Adams Ave Huntington Beach CA 92646 BROOMS OFF
12:38:34 AM	INB	WF	2mph E	20002 N New Britain Ln & Adams Ave Huntington Beach CA 92646 WATER OFF



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
12:38:42 AM	LOC	WF		20002 N New Britain Ln & Adams Ave Huntington Beach CA 92646
12:39:18 AM	LOC	WF		8200 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:39:54 AM	LOC	WF		8200 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:40:11 AM	INB	BO		8200 Adams Ave & Rotherth Ln Huntington Beach CA 92646 BROOMS ON
12:40:30 AM	LOC	BO	1mph E	8212 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:41:06 AM	LOC	BO	1mph E	8256 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:41:42 AM	LOC	BO	1mph E	8306 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:41:54 AM	INB	BF	1mph E	8320 Adams Ave & Rotherth Ln Huntington Beach CA 92646 BROOMS OFF
12:42:18 AM	LOC	BF		8318 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:42:54 AM	LOC	BF		8320 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:43:30 AM	LOC	BF		8324 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:44:06 AM	LOC	BF		8324 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:44:42 AM	LOC	BF		8324 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:45:18 AM	LOC	BF		8322 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:45:54 AM	LOC	BF		8322 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:46:30 AM	LOC	BF		8324 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:47:06 AM	LOC	BF		8326 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:47:42 AM	LOC	BF		8326 Adams Ave & Rotherth Ln Huntington Beach CA 92646
12:48:18 AM	LOC	BF	1mph E	8310 Adams Ave & Rotherth Ln Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
12:48:54 AM	LOC	BF	2mph E	8310 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:49:30 AM	LOC	BF		8218 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:50:06 AM	LOC	BF		8214 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:50:07 AM	INB	BO		8214 Adams Ave & Rothert Ln Huntington Beach CA 92646
BROOMS ON				
12:50:42 AM	LOC	BO	3mph E	8264 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:51:18 AM	LOC	BO	2mph E	8324 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:51:54 AM	LOC	BO	2mph E	8378 Adams Ave & Newland St Huntington Beach CA 92646
12:52:30 AM	LOC	BO	2mph E	8422 Adams Ave & Newland St Huntington Beach CA 92646
12:53:06 AM	LOC	BO		8486 Adams Ave & Newland St Huntington Beach CA 92646
12:53:11 AM	INB	BF		8488 Adams Ave & Newland St Huntington Beach CA 92646
BROOMS OFF				
12:53:42 AM	LOC	BF		8486 Adams Ave & Newland St Huntington Beach CA 92646
12:54:18 AM	LOC	BF		8486 Adams Ave & Newland St Huntington Beach CA 92646
12:54:54 AM	LOC	BF		8484 Adams Ave & Newland St Huntington Beach CA 92646
12:55:30 AM	LOC	BF		8476 Adams Ave & Newland St Huntington Beach CA 92646
12:56:06 AM	LOC	BF		8474 Adams Ave & Newland St Huntington Beach CA 92646
12:56:42 AM	LOC	BF		8474 Adams Ave & Newland St Huntington Beach CA 92646
12:57:18 AM	LOC	BF		8478 Adams Ave & Newland St Huntington Beach CA 92646
12:57:54 AM	LOC	BF		8480 Adams Ave & Newland St Huntington Beach CA 92646
12:58:30 AM	LOC	BF		8480 Adams Ave & Newland St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
12:59:06 AM	LOC	BF	4mph E	8450 Adams Ave & Newland St Huntington Beach CA 92646
12:59:42 AM	LOC	BF	4mph E	8450 Adams Ave & Newland St Huntington Beach CA 92646
12:59:57 AM	INB	BO	1mph E	8338 Adams Ave & Rothert Ln Huntington Beach CA 92646
BROOMS ON				
1:00:18 AM	LOC	BO	3mph E	8368 Adams Ave & Newland St Huntington Beach CA 92646
1:00:54 AM	LOC	BO	4mph E	8436 Adams Ave & Newland St Huntington Beach CA 92646
1:01:30 AM	LOC	BO	3mph E	8508 Adams Ave & Newland St Huntington Beach CA 92646
1:01:40 AM	INB	BF	3mph E	8522 Adams Ave & Newland St Huntington Beach CA 92646
BROOMS OFF				
1:01:53 AM	INB	BO		8522 Adams Ave & Newland St Huntington Beach CA 92646
BROOMS ON				
1:02:06 AM	LOC	BO	1mph E	8532 Adams Ave & Newland St Huntington Beach CA 92646
1:02:25 AM	INB	WO	3mph E	8558 Adams Ave & Vintage Ln Huntington Beach CA 92646
WATER ON				
1:02:25 AM	STCH	WO	3mph E	8558 Adams Ave & Vintage Ln Huntington Beach CA 92646
1:02:42 AM	LOC	WO	3mph E	8586 Adams Ave & Vintage Ln Huntington Beach CA 92646
1:03:18 AM	LOC	WO	4mph E	8646 Adams Ave & Treasure Cir Huntington Beach CA 92646
1:03:54 AM	LOC	WO	4mph E	20000 Crown Reef Ln & Adams Ave Huntington Beach CA 92646
1:04:30 AM	LOC	WO	3mph E	8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646
1:04:44 AM	INB	BF	3mph E	8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646
BROOMS OFF				
1:05:06 AM	LOC	BF		8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646





## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
1:05:17 AM	INB	WF		8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646 WATER OFF
1:05:21 AM	INB	BO		8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646 BROOMS ON
1:05:42 AM	LOC	BO	2mph E	8902 Adams Ave & Tranquil Ln Huntington Beach CA 92646
1:05:45 AM	INB	BF	2mph E	8902 Adams Ave & Tranquil Ln Huntington Beach CA 92646 BROOMS OFF
1:06:11 AM	INB	BO		8902 Adams Ave & Tranquil Ln Huntington Beach CA 92646 BROOMS ON
1:06:18 AM	LOC	BO		8904 Adams Ave & Tranquil Ln Huntington Beach CA 92646
1:06:40 AM	INB	BF	2mph E	8880 Adams Ave & Mayport Ln Huntington Beach CA 92646 BROOMS OFF
1:06:54 AM	LOC	BF		8882 Adams Ave & Mayport Ln Huntington Beach CA 92646
1:07:12 AM	INB	BO		8882 Adams Ave & Mayport Ln Huntington Beach CA 92646 BROOMS ON
1:07:30 AM	LOC	BO	1mph E	8882 Adams Ave & Mayport Ln Huntington Beach CA 92646
1:08:06 AM	LOC	BO	4mph E	8942 Adams Ave & Mayport Ln Huntington Beach CA 92646
1:08:42 AM	LOC	BO	3mph E	8968 Adams Ave & Magnolia St Huntington Beach CA 92646
1:09:18 AM	LOC	BO		8982 Adams Ave & Magnolia St Huntington Beach CA 92646
1:09:54 AM	LOC	BO	6mph E	9004 Adams Ave & Magnolia St Huntington Beach CA 92646
1:09:55 AM	STOP	WO	5mph E	9006 Adams Ave & Magnolia St Huntington Beach CA 92646
1:10:21 AM	INB	WO	3mph E	9054 Adams Ave & Magnolia St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
				WATER ON
1:10:30 AM	LOC	WO	4mph E	9074 Adams Ave & Magnolia St Huntington Beach CA 92646
1:11:06 AM	LOC	WO	3mph E	9152 Adams Ave & Shorewood Cir Huntington Beach CA 92646
1:11:42 AM	LOC	WO	4mph E	9500 Adams Ave & Shorewood Cir Huntington Beach CA 92646
1:12:18 AM	LOC	WO	4mph E	9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646
1:12:54 AM	LOC	WO	3mph E	9500 Adams Ave & Marina Ln Huntington Beach CA 92646
1:13:30 AM	LOC	WO	4mph E	9500 Adams Ave & Cove Cir Huntington Beach CA 92646
1:14:06 AM	LOC	WO	3mph E	9500 Adams Ave & Moontide Cir Huntington Beach CA 92646
1:14:42 AM	LOC	WO	3mph E	9500 Adams Ave & Port Cir Huntington Beach CA 92646
1:15:18 AM	LOC	WO	3mph E	9500 Adams Ave & Bushard St Huntington Beach CA 92646
1:15:54 AM	LOC	WO	1mph E	9510 Adams Ave & Sidcup Ln Huntington Beach CA 92646
1:16:30 AM	LOC	WO	2mph E	9538 Adams Ave & Sidcup Ln Huntington Beach CA 92646
1:17:06 AM	LOC	WO	3mph E	9570 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
1:17:42 AM	LOC	WO	2mph E	Derbyshire Ln & Adams Ave Huntington Beach CA 92646
1:18:18 AM	LOC	WO	3mph E	9660 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
1:18:54 AM	LOC	WO	3mph E	9726 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:19:30 AM	LOC	WO	3mph E	9796 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:20:06 AM	LOC	WO	3mph E	9834 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:20:39 AM	INB	WF	2mph E	9880 Adams Ave & Sutton Ln Huntington Beach CA 92646
				WATER OFF
1:20:42 AM	LOC	WF	3mph E	9880 Adams Ave & Sutton Ln Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
1:21:19 AM	LOC	WF		9896 Adams Ave & Sutton Ln Huntington Beach CA 92646
1:21:55 AM	LOC	WF	3mph E	9938 Adams Ave & Brookhurst St Huntington Beach CA 92646
1:22:31 AM	LOC	WF	3mph E	9990 Adams Ave & Brookhurst St Huntington Beach CA 92646
1:23:07 AM	LOC	WF	1mph E	20025 Brookhurst St & Adams Ave Huntington Beach CA 92646
1:23:40 AM	INB	WO	3mph E	20047 Brookhurst St & Adams Ave Huntington Beach CA 92646
				WATER ON
1:23:43 AM	LOC	WO	3mph E	20051 Brookhurst St & Adams Ave Huntington Beach CA 92646
1:24:19 AM	LOC	WO	2mph E	20081 Brookhurst St & Adams Ave Huntington Beach CA 92646
1:24:55 AM	LOC	WO	3mph E	20121 Brookhurst St & Meredith Dr Huntington Beach CA 92646
1:25:31 AM	LOC	WO	2mph E	20161 Brookhurst St & Meredith Dr Huntington Beach CA 92646
1:26:07 AM	LOC	WO	2mph E	20199 Brookhurst St & Meredith Dr Huntington Beach CA 92646
1:26:43 AM	LOC	WO	2mph E	20199 Brookhurst St & Jon Day Dr Huntington Beach CA 92646
1:27:19 AM	LOC	WO	3mph E	20199 Brookhurst St & Peck Dr Huntington Beach CA 92646
1:27:55 AM	LOC	WO	2mph E	20199 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646
1:28:31 AM	LOC	WO	2mph E	20199 Brookhurst St & Birchwood Dr Huntington Beach CA 92646
1:29:07 AM	LOC	WO	2mph E	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
1:29:43 AM	LOC	WO	2mph E	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
1:30:04 AM	INB	BF	2mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
				BROOMS OFF
1:30:05 AM	INB	WF	2mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
				WATER OFF

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
1:30:19 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:30:55 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:31:31 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:32:07 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:32:43 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:33:19 AM	LOC	WF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:33:55 AM	LOC	WF	2mph E	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
1:34:11 AM	INB	BO		20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
<b>BROOMS ON</b>				
1:34:31 AM	LOC	BO	1mph E	20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646
1:35:07 AM	LOC	BO	2mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:35:43 AM	LOC	BO	2mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:35:47 AM	INB	BF	2mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
<b>BROOMS OFF</b>				
1:36:19 AM	LOC	BF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:36:55 AM	LOC	BF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:37:31 AM	LOC	BF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:38:07 AM	LOC	BF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:38:43 AM	LOC	BF		20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:39:19 AM	LOC	BF	1mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:39:31 AM	INB	BO	4mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
				BROOMS ON
1:39:55 AM	LOC	BO	3mph E	20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
1:40:31 AM	LOC	BO	3mph E	20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646
1:41:07 AM	LOC	BO	3mph E	20199 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
1:41:43 AM	LOC	BO	3mph E	20801 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
1:42:19 AM	LOC	BO	1mph E	20801 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
1:42:55 AM	LOC	BO	4mph E	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
1:43:31 AM	LOC	BO	2mph E	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
1:44:07 AM	LOC	BO	3mph E	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
1:44:43 AM	LOC	BO	3mph E	20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
1:45:19 AM	LOC	BO	4mph E	20803 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
1:45:55 AM	LOC	BO	3mph E	20879 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
1:46:24 AM	INB	BF	1mph E	20933 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
				BROOMS OFF
1:46:31 AM	LOC	BF		20935 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:47:07 AM	LOC	BF		20935 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:47:43 AM	LOC	BF		20923 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:48:19 AM	LOC	BF		20925 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:48:55 AM	LOC	BF		20923 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:49:31 AM	LOC	BF		20919 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:50:07 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
1:50:43 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:51:19 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:51:55 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:52:31 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:53:07 AM	LOC	BF		20913 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:53:35 AM	INB	BO		20911 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
				<b>BROOMS ON</b>
1:53:43 AM	LOC	BO	1mph E	20911 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:54:19 AM	LOC	BO	4mph E	20991 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:54:32 AM	STOP	BO	5mph S	21007 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
1:54:55 AM	LOC	BO	5mph S	21051 Brookhurst St & Dana Dr Huntington Beach CA 92646
1:55:01 AM	INB	WO	5mph S	21063 Brookhurst St & Dana Dr Huntington Beach CA 92646
				<b>WATER ON</b>
1:55:11 AM	INB	BF	3mph S	21083 Brookhurst St & Dana Dr Huntington Beach CA 92646
				<b>BROOMS OFF</b>
1:55:11 AM	STCH	BF	3mph S	21083 Brookhurst St & Dana Dr Huntington Beach CA 92646
1:55:31 AM	LOC	BF		21083 Brookhurst St & Dana Dr Huntington Beach CA 92646
1:55:45 AM	INB	WF		21083 Brookhurst St & Dana Dr Huntington Beach CA 92646
				<b>WATER OFF</b>
1:55:46 AM	INB	BO		21083 Brookhurst St & Dana Dr Huntington Beach CA 92646
				<b>BROOMS ON</b>
1:56:07 AM	LOC	BO	3mph S	21099 Brookhurst St & Dana Dr Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
1:56:43 AM	LOC	BO	3mph S	21131 Brookhurst St & Sprit Cir Huntington Beach CA 92646
1:57:19 AM	LOC	BO	5mph S	21185 Brookhurst St & Effingham Dr Huntington Beach CA 92646
1:57:36 AM	STOP	BF	5mph S	21199 Brookhurst St & Effingham Dr Huntington Beach CA 92646
1:57:55 AM	LOC	BO	4mph S	21301 Brookhurst St & Effingham Dr Huntington Beach CA 92646
1:58:31 AM	LOC	BO	4mph S	21335 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
1:59:07 AM	LOC	BO	4mph S	21401 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
1:59:27 AM	INB	BF	3mph S	21423 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
				<b>BROOMS OFF</b>
1:59:43 AM	LOC	BF		21423 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:00:19 AM	LOC	BF		21419 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:00:55 AM	LOC	BF		21419 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:01:27 AM	INB	BO	1mph S	21417 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
				<b>BROOMS ON</b>
2:01:31 AM	LOC	BO		21417 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:02:07 AM	LOC	BO	3mph S	21443 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:02:12 AM	INB	WO	4mph S	21445 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
				<b>WATER ON</b>
2:02:43 AM	LOC	WO	4mph S	21489 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:03:19 AM	LOC	WO	1mph S	9963 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:03:43 AM	INB	WF	2mph S	9947 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
				<b>WATER OFF</b>



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
2:03:44 AM	INB	BF	2mph S	9947 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 BROOMS OFF
2:03:55 AM	LOC	BF		9945 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:04:31 AM	LOC	BF		9947 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:05:07 AM	LOC	BF		9943 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:05:43 AM	LOC	BF		9943 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:06:19 AM	LOC	BF		9953 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:06:55 AM	LOC	BF		9953 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:07:05 AM	INB	BO		9953 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 BROOMS ON
2:07:31 AM	LOC	BO	2mph S	9937 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:08:07 AM	LOC	BO	4mph S	9897 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:08:08 AM	INB	BF	5mph S	9891 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS OFF
2:08:13 AM	INB	BO	8mph W	9877 Hamilton Ave & St John Ln Huntington Beach CA 92646 BROOMS ON
2:08:43 AM	LOC	BO	3mph W	9819 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:09:19 AM	LOC	BO	4mph W	9801 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:09:55 AM	LOC	BO	4mph W	9683 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
2:10:17 AM	STOP	BO	5mph W	9623 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
2:10:31 AM	LOC	BO	3mph W	9603 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646





## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
2:11:07 AM	LOC	BO	3mph W	9553 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
2:11:43 AM	LOC	BO	2mph W	9505 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:12:19 AM	LOC	BO	3mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646
2:12:25 AM	INB	WO	2mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646 WATER ON
2:12:55 AM	LOC	WO	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
2:13:19 AM	INB	WF	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646 WATER OFF
2:13:31 AM	LOC	WF	2mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
2:14:07 AM	LOC	WF	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
2:14:43 AM	LOC	WF	3mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
2:15:19 AM	LOC	WF	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:15:55 AM	LOC	WF	4mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:16:31 AM	LOC	WF	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:17:07 AM	LOC	WF	3mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:17:43 AM	LOC	WF	3mph W	Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:18:19 AM	LOC	WF		Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:18:55 AM	LOC	WF	2mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:19:31 AM	LOC	WF		8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:20:07 AM	LOC	WF	2mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:20:43 AM	LOC	WF	5mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
2:21:19 AM	LOC	WF	5mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:21:55 AM	LOC	WF	4mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:22:31 AM	LOC	WF	5mph W	8645 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646
2:23:07 AM	LOC	WF	5mph W	8579 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646
2:23:43 AM	LOC	WF	5mph W	8521 Hamilton Ave & Newland St Huntington Beach CA 92646
2:24:04 AM	INB	BF	5mph W	21501 Newland St & Hamilton Ave Huntington Beach CA 92646
				<b>BROOMS OFF</b>
2:24:19 AM	LOC	BF	12mph E	8548 Hamilton Ave & Newland St Huntington Beach CA 92646
2:24:55 AM	LOC	BF	18mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
2:25:31 AM	LOC	BF	18mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
2:26:07 AM	LOC	BF	33mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
2:26:43 AM	LOC	BF	34mph E	9506 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:27:19 AM	LOC	BF	35mph E	9946 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:27:55 AM	LOC	BF	39mph N	21300 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:28:31 AM	LOC	BF	37mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:28:48 AM	STOP	BF	5mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:29:07 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:29:43 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:30:19 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:30:55 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
2:31:31 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:32:07 AM	LOC	BF	25mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:32:43 AM	LOC	BF	41mph N	20198 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646
2:33:19 AM	LOC	BF	9mph N	20004 Brookhurst St & Adams Ave Huntington Beach CA 92646
2:33:39 AM	INB	BO	4mph N	Adams Ave & Brookhurst St Huntington Beach CA 92646
				<b>BROOMS ON</b>
2:33:49 AM	STOP	WF	5mph W	9991 Adams Ave & Brookhurst St Huntington Beach CA 92646
2:33:55 AM	LOC	BO	2mph W	9983 Adams Ave & Brookhurst St Huntington Beach CA 92646
2:34:31 AM	LOC	BO	3mph W	9933 Adams Ave & Brookhurst St Huntington Beach CA 92646
2:34:53 AM	INB	WO	4mph W	9899 Adams Ave & Sutton Ln Huntington Beach CA 92646
				<b>WATER ON</b>
2:35:07 AM	LOC	WO	3mph W	9875 Adams Ave & Sutton Ln Huntington Beach CA 92646
2:35:23 AM	INB	WF	3mph W	9861 Adams Ave & Sutton Ln Huntington Beach CA 92646
				<b>WATER OFF</b>
2:35:43 AM	LOC	WF	3mph W	9827 Adams Ave & Sutton Ln Huntington Beach CA 92646
2:36:19 AM	LOC	WF	3mph W	9781 Adams Ave & Sutton Ln Huntington Beach CA 92646
2:36:55 AM	LOC	WF	4mph W	9721 Adams Ave & Sutton Ln Huntington Beach CA 92646
2:37:31 AM	LOC	WF	4mph W	9659 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
2:38:07 AM	LOC	WF	4mph W	9611 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
2:38:43 AM	LOC	WF	3mph W	9547 Adams Ave & Sidcup Ln Huntington Beach CA 92646
2:39:19 AM	LOC	WF	4mph W	9791 Adams Ave & Sidcup Ln Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 238</b>				
<b>2/25/2017</b>				
2:39:55 AM	LOC	WF	3mph W	9791 Adams Ave & Bushard St Huntington Beach CA 92646
2:40:31 AM	LOC	WF	3mph W	Adams Ave & Providence Ln Huntington Beach CA 92646
2:41:07 AM	LOC	WF	2mph W	Adams Ave & Gloucester Ln Huntington Beach CA 92646
2:41:43 AM	LOC	WF	3mph W	Adams Ave & Gloucester Ln Huntington Beach CA 92646
2:42:19 AM	LOC	WF	3mph W	Adams Ave & Potomac Ln Huntington Beach CA 92646
2:42:55 AM	LOC	WF	2mph W	9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646
2:43:31 AM	LOC	WF	3mph W	9099 Adams Ave & Lotus Ln Huntington Beach CA 92646
2:44:07 AM	LOC	WF	3mph W	9187 Adams Ave & Lotus Ln Huntington Beach CA 92646
2:44:43 AM	LOC	WF	5mph W	9085 Adams Ave & Shorewood Cir Huntington Beach CA 92646
2:45:19 AM	LOC	WF	4mph W	9043 Adams Ave & Magnolia St Huntington Beach CA 92646
2:45:55 AM	LOC	WF	4mph W	9003 Adams Ave & Magnolia St Huntington Beach CA 92646
2:46:31 AM	LOC	WF	17mph W	8887 Adams Ave & Isthmus Ln Huntington Beach CA 92646
2:47:07 AM	LOC	WF	13mph W	19999 Felcliff Ln & Adams Ave Huntington Beach CA 92646
2:47:13 AM	INB	BF	16mph W	8667 Adams Ave & Treasure Cir Huntington Beach CA 92646 BROOMS OFF
2:47:36 AM	INB	BO	26mph W	8523 Adams Ave & Newland St Huntington Beach CA 92646 BROOMS ON
2:47:43 AM	LOC	BO	19mph W	20301 Newland St & Adams Ave Huntington Beach CA 92646
2:47:50 AM	STOP	WO	5mph W	8485 Adams Ave & Newland St Huntington Beach CA 92646
2:48:19 AM	LOC	BO	3mph W	8435 Adams Ave & Newland St Huntington Beach CA 92646
2:48:26 AM	INB	WO	3mph W	8423 Adams Ave & Newland St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
WATER ON				
2:48:26 AM	STCH	WO	3mph W	8423 Adams Ave & Newland St Huntington Beach CA 92646
2:48:55 AM	LOC	WO	3mph W	8365 Adams Ave & Newland St Huntington Beach CA 92646
2:49:31 AM	LOC	WO	3mph W	8297 Adams Ave & Rothert Ln Huntington Beach CA 92646
2:50:07 AM	LOC	WO	4mph W	8211 Adams Ave & Rothert Ln Huntington Beach CA 92646
2:50:43 AM	LOC	WO	2mph W	8189 Adams Ave & Rothert Ln Huntington Beach CA 92646
2:51:16 AM	INB	WF	4mph W	8145 Adams Ave & Coldwater Ln Huntington Beach CA 92646
WATER OFF				
2:51:19 AM	LOC	WF	3mph W	8141 Adams Ave & Coldwater Ln Huntington Beach CA 92646
2:51:55 AM	LOC	WF	4mph W	Coldwater Ln & Adams Ave Huntington Beach CA 92646
2:52:13 AM	INB	BF	9mph W	8081 Adams Ave & Coldwater Ln Huntington Beach CA 92646
BROOMS OFF				
2:52:31 AM	LOC	BF	16mph W	8023 Adams Ave & Beach Blvd Huntington Beach CA 92646
2:53:07 AM	LOC	BF	27mph N	19824 Beach Blvd/CA-39 Huntington Beach CA 92648
2:53:43 AM	LOC	BF	31mph N	19476 Beach Blvd/CA-39 Huntington Beach CA 92648
2:54:19 AM	LOC	BF	34mph N	19088 Beach Blvd/CA-39 Huntington Beach CA 92648
2:54:55 AM	LOC	BF	35mph N	18730 Beach Blvd/CA-39 Huntington Beach CA 92648
2:55:31 AM	LOC	BF	2mph N	18542 Beach Blvd/CA-39 Huntington Beach CA 92648
2:56:07 AM	LOC	BF	37mph N	18320 Beach Blvd/CA-39 Huntington Beach CA 92648
2:56:43 AM	LOC	BF	36mph N	17898 Beach Blvd/CA-39 Huntington Beach CA 92647
2:57:19 AM	LOC	BF	37mph N	17534 Beach Blvd/CA-39 Huntington Beach CA 92647

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 238				
2/25/2017				
2:57:55 AM	LOC	BF	39mph N	17138 Beach Blvd/CA-39 Huntington Beach CA 92647
2:58:31 AM	LOC	BF	37mph N	16764 Beach Blvd/CA-39 Huntington Beach CA 92647
2:59:07 AM	LOC	BF	31mph N	16398 Beach Blvd/CA-39 Westminster CA 92683
2:59:43 AM	LOC	BF	32mph N	16156 Beach Blvd/CA-39 Huntington Beach CA 92647
3:00:19 AM	LOC	BF	32mph N	San Diego Fwy/I-405 Westminster CA 92683
3:00:55 AM	LOC	BF	35mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
3:01:31 AM	LOC	BF	13mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
3:02:07 AM	LOC	BF	48mph NW	EXIT 18 Westminster CA 92683
3:02:43 AM	LOC	BF	43mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:03:19 AM	LOC	BF	59mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:03:55 AM	LOC	BF	57mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:04:31 AM	LOC	BF	55mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:05:07 AM	LOC	BF	52mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:05:43 AM	LOC	BF	54mph W	San Diego Fwy/I-405 Seal Beach CA 90740
3:06:19 AM	LOC	BF	57mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:06:55 AM	LOC	BF	51mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:07:31 AM	LOC	BF	51mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:08:07 AM	LOC	BF	51mph W	EXIT 23 Seal Beach CA 90740
3:08:43 AM	LOC	BF	54mph N	San Diego Fwy/I-405 Seal Beach CA 90740
3:09:19 AM	LOC	BF	54mph N	EXIT 24 Los Alamitos CA 90720
3:09:55 AM	LOC	BF	57mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
3:10:31 AM	LOC	BF	54mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
3:11:07 AM	LOC	BF	54mph N	San Gabriel River Fwy/I-605 Long Beach CA 90815
3:11:43 AM	LOC	BF	52mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
3:12:19 AM	LOC	BF	54mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
3:12:55 AM	LOC	BF	54mph N	San Gabriel River Fwy/I-605 Lakewood CA 90715
3:13:31 AM	LOC	BF	58mph N	San Gabriel River Fwy/I-605 Lakewood CA 90715
3:14:07 AM	LOC	BF	55mph N	San Gabriel River Fwy/I-605 Cerritos CA 90703



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
12:17:05 AM	LOC	WO	51mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:17:41 AM	LOC	WO	52mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:18:17 AM	LOC	WO	55mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:18:53 AM	LOC	WO	52mph E	San Diego Fwy/CA-22 Seal Beach CA 90740
12:19:29 AM	LOC	WO	51mph E	Garden Grove Fwy/CA-22 Seal Beach CA 90740
12:20:05 AM	LOC	WO	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:20:41 AM	LOC	WO	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:21:17 AM	LOC	WO	56mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:21:53 AM	LOC	WO	57mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:22:29 AM	LOC	WO	52mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:23:05 AM	LOC	WO	52mph SE	San Diego Fwy/I-405 Westminster CA 92683
12:23:41 AM	LOC	WO	51mph SE	San Diego Fwy/I-405 Huntington Beach CA 92647
12:24:17 AM	LOC	WO	24mph S	Center Ave & Beach Blvd Huntington Beach CA 92647
12:24:53 AM	LOC	WO	6mph N	Center Ave & Beach Blvd Huntington Beach CA 92647
12:25:29 AM	LOC	WO	8mph S	7998 Edinger Ave & Beach Blvd Huntington Beach CA 92647
12:26:05 AM	LOC	WO	24mph S	16303 Beach Blvd/CA-39 Huntington Beach CA 92647
12:26:41 AM	LOC	WO	12mph S	16481 Beach Blvd/CA-39 Huntington Beach CA 92647
12:27:17 AM	LOC	WO	40mph S	16811 Beach Blvd/CA-39 Huntington Beach CA 92647
12:27:53 AM	LOC	WO	34mph S	17149 Beach Blvd/CA-39 Huntington Beach CA 92647
12:28:29 AM	LOC	WO	41mph S	17531 Beach Blvd/CA-39 Huntington Beach CA 92647
12:29:05 AM	LOC	WO	40mph S	17929 Beach Blvd/CA-39 Huntington Beach CA 92647
12:29:41 AM	LOC	WO	43mph S	18341 Beach Blvd/CA-39 Huntington Beach CA 92648
12:30:17 AM	LOC	WO	40mph S	18751 Beach Blvd/CA-39 Huntington Beach CA 92648
12:30:53 AM	LOC	WO	11mph N	19101 Beach Blvd/CA-39 Huntington Beach CA 92648



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
12:31:29 AM	LOC	WO	39mph S	19299 Beach Blvd/CA-39 Huntington Beach CA 92648
12:32:05 AM	LOC	WO		19491 Beach Blvd/CA-39 Huntington Beach CA 92648
12:32:41 AM	LOC	WO	41mph S	19811 Beach Blvd/CA-39 Huntington Beach CA 92648
12:33:17 AM	LOC	WO		19997 Beach Blvd/CA-39 Huntington Beach CA 92648
12:33:53 AM	LOC	WO	37mph S	20169 Beach Blvd/CA-39 Huntington Beach CA 92648
12:34:29 AM	LOC	WO	43mph S	20695 Beach Blvd/CA-39 Huntington Beach CA 92648
12:35:05 AM	LOC	WO	44mph S	21029 Beach Blvd/CA-39 Huntington Beach CA 92648
12:35:41 AM	LOC	WO	39mph S	21347 Beach Blvd/CA-39 Huntington Beach CA 92648
12:36:17 AM	LOC	WO	44mph SE	21697 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92648
12:36:53 AM	LOC	WO	3mph N	21798 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:37:21 AM	STOP	WO	5mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:37:29 AM	LOC	WO	1mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:38:05 AM	LOC	WO		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:38:41 AM	LOC	WO		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:17 AM	LOC	WO		21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:53 AM	LOC	WO	1mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:40:06 AM	INB	WF	2mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
				<b>WATER OFF</b>
12:40:29 AM	LOC	WF		21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:41:05 AM	LOC	WF	2mph SE	21832 Newland St & Biscayne Dr Huntington Beach CA 92646





## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
12:41:41 AM	LOC	WF	4mph SE	21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:42:17 AM	LOC	WF		21916 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:42:53 AM	LOC	WF	2mph SE	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:43:29 AM	LOC	WF	2mph SE	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:44:05 AM	LOC	WF	1mph SE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:44:41 AM	LOC	WF	5mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:45:17 AM	LOC	WF	1mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:45:53 AM	LOC	WF	2mph SE	21940 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:46:29 AM	LOC	WF	2mph SE	21940 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:47:05 AM	LOC	WF	2mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:47:41 AM	LOC	WF	4mph SE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:48:17 AM	LOC	WF	4mph SE	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:48:53 AM	LOC	WF	4mph SE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:49:29 AM	LOC	WF	3mph SE	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
12:50:05 AM	LOC	WF	5mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:50:41 AM	LOC	WF	5mph SE	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
12:51:17 AM	LOC	WF	1mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
12:51:53 AM	LOC	WF	6mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
12:52:29 AM	LOC	WF	2mph NE	21766 Newland St & Biscayne Dr Huntington Beach CA 92646
12:53:05 AM	LOC	WF	2mph NE	21768 Newland St & Biscayne Dr Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
12:53:41 AM	LOC	WF	8mph E	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
12:54:17 AM	LOC	WF	5mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:54:53 AM	LOC	WF	4mph SE	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
12:55:29 AM	LOC	WF	5mph SE	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:56:05 AM	LOC	WF	5mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:56:41 AM	LOC	WF	6mph NW	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:56:55 AM	STOP	WF	5mph NW	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:57:17 AM	LOC	WF	4mph NW	21850 Newland St & Biscayne Dr Huntington Beach CA 92646
12:57:53 AM	LOC	WF	4mph NW	21848 Newland St & Biscayne Dr Huntington Beach CA 92646
12:58:29 AM	LOC	WF		21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:59:05 AM	LOC	WF	4mph NW	21826 Newland St & Biscayne Dr Huntington Beach CA 92646
12:59:41 AM	LOC	WF	6mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:00:17 AM	LOC	WF	6mph SW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:00:53 AM	LOC	WF	6mph S	21844 Newland St & Biscayne Dr Huntington Beach CA 92646
1:01:29 AM	LOC	WF	4mph SE	21844 Newland St & Biscayne Dr Huntington Beach CA 92646
1:02:05 AM	LOC	WF	6mph NE	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:02:41 AM	LOC	WF	5mph NE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:03:17 AM	LOC	WF	5mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:03:53 AM	LOC	WF	4mph SE	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:04:29 AM	LOC	WF	5mph S	21790 Newland St & Biscayne Dr Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
1:05:05 AM	LOC	WF	6mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:05:41 AM	LOC	WF	8mph S	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:17 AM	LOC	WF	6mph S	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:53 AM	LOC	WF	4mph SW	21796 Newland St & Biscayne Dr Huntington Beach CA 92646
1:07:29 AM	LOC	WF	5mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:08:05 AM	LOC	WF	3mph SW	21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:08:41 AM	LOC	WF	6mph W	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:09:17 AM	LOC	WF	5mph SW	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:09:30 AM	INB	WO	8mph N	21778 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER ON
1:09:37 AM	INB	WF	8mph N	21776 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER OFF
1:09:46 AM	INB	WO	9mph NW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER ON
1:09:53 AM	LOC	WO	8mph NW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:10:09 AM	INB	WF	5mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646 WATER OFF
1:10:29 AM	LOC	WF	5mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:11:05 AM	LOC	WF	5mph W	21830 Newland St & Biscayne Dr Huntington Beach CA 92646
1:11:41 AM	LOC	WF	6mph SE	21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:12:17 AM	LOC	WF	8mph E	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
1:12:53 AM	LOC	WF	5mph N	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:13:29 AM	LOC	WF	6mph NE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:14:05 AM	LOC	WF	1mph N	8698 Edison Dr & Newland St Huntington Beach CA 92646
1:14:41 AM	LOC	WF	5mph SW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:15:17 AM	LOC	WF	6mph S	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:15:53 AM	LOC	WF	6mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
1:16:29 AM	LOC	WF	6mph S	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:17:05 AM	LOC	WF	5mph W	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
1:17:41 AM	LOC	WF	5mph S	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:18:17 AM	LOC	WF	4mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
1:18:53 AM	LOC	WF	5mph S	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:19:29 AM	LOC	WF	9mph NE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:20:05 AM	LOC	WF	6mph SW	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:20:41 AM	LOC	WF	5mph W	21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:21:17 AM	LOC	WF	6mph W	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:21:34 AM	STOP	WF	5mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:21:53 AM	LOC	WF	5mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:22:29 AM	LOC	WF	4mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:22:39 AM	INB	WO	1mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
WATER ON				



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
1:23:04 AM	INB	WF	1mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
				WATER OFF
1:23:05 AM	LOC	WO	1mph NW	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
1:23:41 AM	LOC	WF	3mph NW	21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:24:17 AM	LOC	WF	5mph NW	21748 Newland St & Edison Dr Huntington Beach CA 92646
1:24:53 AM	LOC	WF	6mph N	21704 Newland St & Edison Dr Huntington Beach CA 92646
1:25:29 AM	LOC	WF	4mph N	21614 Newland St & Edison Dr Huntington Beach CA 92646
1:26:05 AM	LOC	WF	5mph N	21542 Newland St & Hamilton Ave Huntington Beach CA 92646
1:26:41 AM	LOC	WF	9mph S	21537 Newland St & Hamilton Ave Huntington Beach CA 92646
1:26:52 AM	STOP	WO	5mph S	21563 Newland St & Hamilton Ave Huntington Beach CA 92646
1:26:55 AM	INB	WO	5mph S	21571 Newland St & Hamilton Ave Huntington Beach CA 92646
				WATER ON
1:27:17 AM	LOC	WO		21575 Newland St & Hamilton Ave Huntington Beach CA 92646
1:27:53 AM	LOC	WO		21577 Newland St & Hamilton Ave Huntington Beach CA 92646
1:28:29 AM	LOC	WO		21577 Newland St & Hamilton Ave Huntington Beach CA 92646
1:29:05 AM	LOC	WO		21577 Newland St & Hamilton Ave Huntington Beach CA 92646
1:29:41 AM	LOC	WO		21575 Newland St & Hamilton Ave Huntington Beach CA 92646
1:30:17 AM	LOC	WO		21575 Newland St & Hamilton Ave Huntington Beach CA 92646
1:30:53 AM	LOC	WO		21573 Newland St & Hamilton Ave Huntington Beach CA 92646
1:30:53 AM	STCH	WF		21573 Newland St & Hamilton Ave Huntington Beach CA 92646
1:30:53 AM	INB	WF		21573 Newland St & Hamilton Ave Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
WATER OFF				
1:31:25 AM	INB	WO	3mph S	21619 Newland St & Edison Dr Huntington Beach CA 92646
WATER ON				
1:31:29 AM	LOC	WO	2mph S	21625 Newland St & Edison Dr Huntington Beach CA 92646
1:31:43 AM	INB	WF		21627 Newland St & Edison Dr Huntington Beach CA 92646
WATER OFF				
1:32:05 AM	LOC	WF	5mph S	21663 Newland St & Edison Dr Huntington Beach CA 92646
1:32:16 AM	INB	WO	5mph S	21699 Newland St & Edison Dr Huntington Beach CA 92646
WATER ON				
1:32:41 AM	LOC	WO		21699 Newland St & Edison Dr Huntington Beach CA 92646
1:32:46 AM	INB	WF		21699 Newland St & Edison Dr Huntington Beach CA 92646
WATER OFF				
1:33:17 AM	LOC	WF	4mph S	8651 Edison Dr & Newland St Huntington Beach CA 92646
1:33:53 AM	LOC	WF	4mph S	8651 Edison Dr & Newland St Huntington Beach CA 92646
1:34:29 AM	LOC	WF	3mph S	8699 Edison Dr & Newland St Huntington Beach CA 92646
1:34:49 AM	INB	WO		8699 Edison Dr & Newland St Huntington Beach CA 92646
WATER ON				
1:34:54 AM	INB	WF		8699 Edison Dr & Newland St Huntington Beach CA 92646
WATER OFF				
1:35:05 AM	LOC	WF	1mph S	8699 Edison Dr & Newland St Huntington Beach CA 92646
1:35:41 AM	LOC	WF		8699 Edison Dr & Newland St Huntington Beach CA 92646
1:36:17 AM	LOC	WF		8699 Edison Dr & Newland St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
1:36:53 AM	LOC	WF		8699 Edison Dr & Newland St Huntington Beach CA 92646
1:37:20 AM	INB	WO	2mph S	21699 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646 WATER ON
1:37:30 AM	LOC	WO	2mph S	8699 Edison Dr & Newland St Huntington Beach CA 92646
1:37:39 AM	STOP	WF	5mph W	8699 Edison Dr & Newland St Huntington Beach CA 92646
1:38:06 AM	LOC	WO		8699 Edison Dr & Newland St Huntington Beach CA 92646
1:38:18 AM	INB	WF	1mph W	8699 Edison Dr & Newland St Huntington Beach CA 92646 WATER OFF
1:38:42 AM	LOC	WF	5mph W	8693 Edison Dr & Newland St Huntington Beach CA 92646
1:39:18 AM	LOC	WF	5mph W	8577 Edison Dr & Newland St Huntington Beach CA 92646
1:39:54 AM	LOC	WF	5mph W	21654 Newland St & Edison Dr Huntington Beach CA 92646
1:40:00 AM	INB	WO	5mph W	21632 Newland St & Edison Dr Huntington Beach CA 92646 WATER ON
1:40:30 AM	LOC	WO		21586 Newland St & Hamilton Ave Huntington Beach CA 92646
1:40:46 AM	INB	WF	5mph N	21562 Newland St & Hamilton Ave Huntington Beach CA 92646 WATER OFF
1:41:06 AM	LOC	WF	6mph N	21512 Newland St & Hamilton Ave Huntington Beach CA 92646
1:41:16 AM	INB	WO	5mph N	8502 Hamilton Ave & Newland St Huntington Beach CA 92646 WATER ON
1:41:22 AM	INB	WF	5mph N	8518 Hamilton Ave & Newland St Huntington Beach CA 92646 WATER OFF
1:41:42 AM	LOC	WF	4mph E	8568 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646

## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
1:42:09 AM	INB	WO	6mph E	8620 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646 WATER ON
1:42:18 AM	LOC	WO	8mph E	8638 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646
1:42:32 AM	INB	WF	9mph E	8686 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 WATER OFF
1:42:44 AM	INB	WO	6mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 WATER ON
1:42:54 AM	LOC	WO		8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:43:12 AM	INB	WF		8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 WATER OFF
1:43:30 AM	LOC	WF	6mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:43:41 AM	STOP	WF	5mph E	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:44:06 AM	LOC	WF	4mph E	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:44:42 AM	LOC	WF	4mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:45:18 AM	LOC	WF	4mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:45:54 AM	LOC	WF	3mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:46:17 AM	INB	WO	2mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646 WATER ON
1:46:22 AM	INB	WF	1mph E	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646 WATER OFF
1:46:30 AM	LOC	WF	5mph E	21500 Magnolia St & Hamilton Ave Huntington Beach CA 92646
1:46:40 AM	STOP	WF	5mph E	Hamilton Ave & Magnolia St Huntington Beach CA 92646





## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
1:47:06 AM	LOC	WF	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:47:42 AM	LOC	WF	3mph E	21501 Polynesian Ln & Hamilton Ave Huntington Beach CA 92646
1:48:18 AM	LOC	WF	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:48:54 AM	LOC	WF	3mph E	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:49:30 AM	LOC	WF	3mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:50:06 AM	LOC	WF	4mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:50:42 AM	LOC	WF	3mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:51:18 AM	LOC	WF	3mph E	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:51:54 AM	LOC	WF	4mph E	Hamilton Ave & Bushard St Huntington Beach CA 92646
1:52:30 AM	LOC	WF	3mph E	Hamilton Ave & Bushard St Huntington Beach CA 92646
1:52:50 AM	INB	WO	4mph E	9514 Hamilton Ave & Bushard St Huntington Beach CA 92646
				<b>WATER ON</b>
1:52:50 AM	STCH	WO	4mph E	9514 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:53:06 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:53:42 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:54:18 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:54:55 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:55:31 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:56:07 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:56:43 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
1:57:19 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:57:56 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:58:32 AM	LOC	WO		9518 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:59:08 AM	LOC	WO		9518 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:59:44 AM	LOC	WO		9516 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:00:20 AM	LOC	WO	1mph E	9508 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:00:34 AM	INB	WF		9508 Hamilton Ave & Bushard St Huntington Beach CA 92646 WATER OFF
2:00:57 AM	LOC	WF	4mph E	9538 Hamilton Ave & Bushard St Huntington Beach CA 92646
2:01:33 AM	LOC	WF	4mph E	9600 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
2:02:04 AM	INB	WO	4mph E	9644 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646 WATER ON
2:02:09 AM	LOC	WO	6mph E	9658 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
2:02:17 AM	STOP	WO	5mph E	9676 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
2:02:45 AM	LOC	WO	3mph E	9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
2:03:21 AM	LOC	WO	3mph E	21509 St John Ln/Saint John Ln Huntington Beach CA 92646
2:03:57 AM	LOC	WO	3mph E	9822 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:04:33 AM	LOC	WO	5mph E	9878 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:05:09 AM	LOC	WO	2mph E	9944 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:05:45 AM	LOC	WO	2mph E	9986 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:06:21 AM	LOC	WO	2mph E	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
2:06:57 AM	LOC	WO	1mph E	21505 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:07:33 AM	LOC	WO	5mph N	9990 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:08:05 AM	INB	WF	8mph N	21496 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
				WATER OFF
2:08:09 AM	LOC	WF	8mph N	21488 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:08:12 AM	STOP	WF	5mph N	21484 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:08:45 AM	LOC	WF	2mph N	21438 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:09:21 AM	LOC	WF	2mph N	21400 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:09:57 AM	LOC	WF	2mph N	21346 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:10:33 AM	LOC	WF	2mph N	21300 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
2:11:09 AM	LOC	WF	2mph N	21300 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:11:18 AM	INB	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
				WATER ON
2:11:45 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:12:21 AM	LOC	WO	1mph N	21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:12:57 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:13:33 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:14:09 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:14:45 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:15:21 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:15:57 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
2:16:33 AM	LOC	WO		21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:17:09 AM	LOC	WO	1mph N	21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:17:21 AM	INB	WF	3mph N	21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646 WATER OFF
2:17:45 AM	LOC	WF	4mph N	21196 Brookhurst St & Effingham Dr Huntington Beach CA 92646
2:18:21 AM	LOC	WF	2mph N	21170 Brookhurst St & Spar Cir Huntington Beach CA 92646
2:18:57 AM	LOC	WF	4mph N	21110 Brookhurst St & Dana Dr Huntington Beach CA 92646
2:19:08 AM	INB	WO	4mph N	10000 Dana Dr & Brookhurst St Huntington Beach CA 92646 WATER ON
2:19:33 AM	LOC	WO	5mph E	10048 Dana Dr & Manessa Cir Huntington Beach CA 92646
2:20:08 AM	INB	WF	5mph W	10001 Dana Dr & Brookhurst St Huntington Beach CA 92646 WATER OFF
2:20:09 AM	LOC	WO	4mph W	21098 Brookhurst St & Dana Dr Huntington Beach CA 92646
2:20:45 AM	LOC	WF	5mph W	21016 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
2:21:21 AM	LOC	WF	5mph N	20922 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
2:21:52 AM	INB	WO	1mph N	20860 Brookhurst St & Endeavor Ln Huntington Beach CA 92646 WATER ON
2:21:57 AM	LOC	WO	2mph N	20870 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:22:17 AM	INB	WF	4mph W	20916 Brookhurst St & Atlanta Ave Huntington Beach CA 92646 WATER OFF
2:22:17 AM	STCH	WF	4mph W	20916 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
2:22:33 AM	LOC	WF	6mph N	20852 Brookhurst St & Endeavor Ln Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
2:22:38 AM	STOP	WF	5mph N	20836 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:23:09 AM	LOC	WF	4mph N	20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:23:45 AM	LOC	WF	3mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:24:21 AM	LOC	WF	4mph N	10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646
2:24:57 AM	LOC	WF	3mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:25:33 AM	LOC	WF	5mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
2:25:34 AM	INB	WO	5mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
				WATER ON
2:26:09 AM	LOC	WO	3mph N	9953 Spinnaker Dr & Salt Air Cir Huntington Beach CA 92646
2:26:45 AM	LOC	WO	4mph N	9990 Spinnaker Dr & Brookhurst St Huntington Beach CA 92646
2:27:21 AM	LOC	WO	5mph S	20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:27:57 AM	LOC	WO		20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:28:33 AM	LOC	WO	21mph S	20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:29:09 AM	LOC	WO	3mph N	20998 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
2:29:45 AM	LOC	WO	3mph E	Atlanta Ave & Brookhurst St Huntington Beach CA 92646
2:30:21 AM	LOC	WO	14mph N	20836 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
2:30:57 AM	LOC	WO		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:31:33 AM	LOC	WO		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
2:31:52 AM	INB	WF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
				WATER OFF
2:32:09 AM	LOC	WF	12mph N	10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
2:32:28 AM	INB	WO	9mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646 WATER ON
2:32:45 AM	LOC	WO	8mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
2:32:47 AM	INB	WF	8mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646 WATER OFF
2:33:21 AM	LOC	WF	4mph N	20198 Brookhurst St & Hercules Dr Huntington Beach CA 92646
2:33:57 AM	LOC	WF	5mph N	20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
2:34:33 AM	LOC	WF	5mph N	20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646
2:35:07 AM	INB	WO	4mph N	Brookhurst St & Crailet Dr Huntington Beach CA 92646 WATER ON
2:35:09 AM	LOC	WO	4mph N	Brookhurst St & Crailet Dr Huntington Beach CA 92646
2:35:45 AM	LOC	WO	5mph N	Brookhurst St & Birchwood Dr Huntington Beach CA 92646
2:35:55 AM	INB	WF	9mph S	Brookhurst St & Crailet Dr Huntington Beach CA 92646 WATER OFF
2:36:00 AM	STOP	WF	5mph SW	Crailet Dr & Brookhurst St Huntington Beach CA 92646
2:36:21 AM	LOC	WF	4mph SW	20198 Brookhurst St & Birchwood Dr Huntington Beach CA 92646
2:36:41 AM	INB	WO	4mph SW	20198 Brookhurst St & Birchwood Dr Huntington Beach CA 92646 WATER ON
2:36:57 AM	LOC	WO		20198 Brookhurst St & Birchwood Dr Huntington Beach CA 92646
2:37:19 AM	INB	WF		20198 Brookhurst St & Birchwood Dr Huntington Beach CA 92646 WATER OFF
2:37:33 AM	LOC	WF	4mph SW	20198 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
2:38:09 AM	LOC	WF	5mph SW	20198 Brookhurst St & Jon Day Dr Huntington Beach CA 92646
2:38:45 AM	LOC	WF	4mph SW	10000 Meredith Dr & Brookhurst St Huntington Beach CA 92646
2:39:21 AM	LOC	WF	6mph N	20126 Brookhurst St & Meredith Dr Huntington Beach CA 92646
2:39:57 AM	LOC	WF	5mph N	20072 Brookhurst St & Adams Ave Huntington Beach CA 92646
2:40:33 AM	LOC	WF	4mph N	20002 Brookhurst St & Adams Ave Huntington Beach CA 92646
2:40:41 AM	INB	WO	2mph N	10000 Adams Ave & Brookhurst St Huntington Beach CA 92646
				WATER ON
2:41:09 AM	LOC	WO	8mph N	19922 Brookhurst St & Adams Ave Huntington Beach CA 92646
2:41:45 AM	LOC	WO	14mph S	19997 Brookhurst St & Adams Ave Huntington Beach CA 92646
2:42:21 AM	LOC	WO	37mph W	9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
2:42:57 AM	LOC	WO	37mph W	9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646
2:43:33 AM	LOC	WO	21mph W	8995 Adams Ave & Magnolia St Huntington Beach CA 92646
2:43:34 AM	INB	WF	20mph W	8991 Adams Ave & Magnolia St Huntington Beach CA 92646
				WATER OFF
2:43:52 AM	STOP	WF	5mph W	8965 Adams Ave & Magnolia St Huntington Beach CA 92646
2:44:09 AM	LOC	WF	5mph W	8943 Adams Ave & Magnolia St Huntington Beach CA 92646
2:44:45 AM	LOC	WF	5mph W	8893 Adams Ave & Isthmus Ln Huntington Beach CA 92646
2:45:21 AM	LOC	WF	4mph W	8819 Adams Ave & Isthmus Ln Huntington Beach CA 92646
2:45:57 AM	LOC	WF	4mph W	8831 Adams Ave & Estuary Ln Huntington Beach CA 92646
2:46:33 AM	LOC	WF	5mph W	8699 Adams Ave & Felcliff Ln Huntington Beach CA 92646
2:47:09 AM	LOC	WF	4mph W	8649 Adams Ave & Treasure Cir Huntington Beach CA 92646



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 241				
2/25/2017				
2:47:45 AM	LOC	WF	4mph W	8593 Adams Ave & Vintage Ln Huntington Beach CA 92646
2:48:21 AM	LOC	WF	5mph W	8533 Adams Ave & Newland St Huntington Beach CA 92646
2:48:36 AM	INB	WO	5mph W	8501 Adams Ave & Newland St Huntington Beach CA 92646
				WATER ON
2:48:57 AM	LOC	WO	11mph W	8419 Adams Ave & Newland St Huntington Beach CA 92646
2:49:33 AM	LOC	WO	4mph W	8317 Adams Ave & Rothert Ln Huntington Beach CA 92646
2:50:09 AM	LOC	WO	3mph W	8237 Adams Ave & Rothert Ln Huntington Beach CA 92646
2:50:45 AM	LOC	WO	28mph W	8113 Adams Ave & Coldwater Ln Huntington Beach CA 92646
2:50:51 AM	INB	WF	24mph W	8099 Adams Ave & Coldwater Ln Huntington Beach CA 92646
				WATER OFF
2:51:21 AM	LOC	WF	5mph W	8065 Adams Ave & Coldwater Ln Huntington Beach CA 92646
2:51:57 AM	LOC	WF	5mph W	8023 Adams Ave & Beach Blvd Huntington Beach CA 92646
2:52:21 AM	INB	WO	3mph W	19992 Beach Blvd/CA-39 Huntington Beach CA 92648
				WATER ON
2:52:33 AM	LOC	WO	5mph W	19966 Beach Blvd/CA-39 Huntington Beach CA 92648
2:53:09 AM	LOC	WO	28mph N	19790 Beach Blvd/CA-39 Huntington Beach CA 92648
2:53:45 AM	LOC	WO	34mph N	19414 Beach Blvd/CA-39 Huntington Beach CA 92648
2:54:21 AM	LOC	WO	35mph N	19064 Beach Blvd/CA-39 Huntington Beach CA 92648
2:54:57 AM	LOC	WO	41mph N	18660 Beach Blvd/CA-39 Huntington Beach CA 92648
2:55:33 AM	LOC	WO		18526 Beach Blvd/CA-39 Huntington Beach CA 92648
2:56:09 AM	LOC	WO	39mph N	18300 Beach Blvd/CA-39 Huntington Beach CA 92648



## Detailed

For 2/25/2017 12:00 AM through 2/25/2017 03:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
<b>VEHICLE NAME: 241</b>				
<b>2/25/2017</b>				
2:56:45 AM	LOC	WO	36mph N	17820 Beach Blvd/CA-39 Huntington Beach CA 92647
2:57:21 AM	LOC	WO	35mph N	17470 Beach Blvd/CA-39 Huntington Beach CA 92647
2:57:57 AM	LOC	WO	42mph N	17042 Beach Blvd/CA-39 Huntington Beach CA 92647
2:58:33 AM	LOC	WO	36mph N	16662 Beach Blvd/CA-39 Huntington Beach CA 92647
2:59:09 AM	LOC	WO	10mph N	16392 Beach Blvd/CA-39 Huntington Beach CA 92647
2:59:45 AM	LOC	WO	40mph N	16078 Beach Blvd/CA-39 Huntington Beach CA 92647
3:00:21 AM	LOC	WO	16mph E	Beach Blvd/CA-39 Westminster CA 92683
3:00:57 AM	LOC	WO	44mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
3:01:33 AM	LOC	WO	48mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
3:02:09 AM	LOC	WO	52mph NW	Bolsa Ave & 18 Westminster CA 92683
3:02:45 AM	LOC	WO	52mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:03:21 AM	LOC	WO	54mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:03:57 AM	LOC	WO	54mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:04:33 AM	LOC	WO	56mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:05:09 AM	LOC	WO	54mph NW	San Diego Fwy/I-405 Westminster CA 92683
3:05:45 AM	LOC	WO	54mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:06:21 AM	LOC	WO	51mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:06:57 AM	LOC	WO	52mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
3:07:33 AM	LOC	WO	54mph W	Seal Beach Blvd & CA-22 (E) Seal Beach CA 90740
3:08:09 AM	LOC	WO	54mph W	San Diego Fwy/I-405 Seal Beach CA 90740
3:08:45 AM	LOC	WO	50mph N	San Diego Fwy/I-405 Seal Beach CA 90740
3:09:21 AM	LOC	WO	50mph N	EXIT 24 Los Alamitos CA 90720
3:09:57 AM	LOC	WO	57mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
3:10:33 AM	LOC	WO	56mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
3:11:09 AM	LOC	WO	55mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
3:11:45 AM	LOC	WO	55mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808

Appendix F  
Worker Environmental Awareness  
Program

## AES Huntington Beach Energy Project

I, the undersigned individual, have read and understand the compliance measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

[illegible]

## AES Huntington Beach Energy Project

I, the undersigned individual, have read and understand the compliance measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

[illegible]

[illegible]



## AES Huntington Beach Energy Project

I, the undersigned individual, have read and understand the compliance measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

[illegible]

## AES Huntington Beach Energy Project

Appendix G  
Biological Resources Monthly  
Summary Report



AES Southland Development LLC

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

February 2017 Reporting Period

March 2017

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION</b>	<b>1</b>
<b>2.0</b>	<b>LNTP MONITORING SUMMARY</b>	<b>2</b>
<b>2.1</b>	<b>NESTING BIRDS</b>	<b>2</b>
<b>2.3</b>	<b>SPECIAL-STATUS SPECIES</b>	<b>2</b>
<b>2.4</b>	<b>WILDLIFE INJURIES AND MORTALITIES</b>	<b>3</b>
2.4.1	<i>Migratory Bird Treaty Act Protected Species</i>	3
2.4.2	<i>Other Species</i>	3
<b>2.5</b>	<b>HAZARDOUS MATERIAL SPILLS</b>	<b>3</b>
<b>2.6</b>	<b>TRASH</b>	<b>3</b>
<b>2.7</b>	<b>NON-COMPLIANCE REPORT</b>	<b>4</b>

**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**

**APPENDIX E – CALIFORNIA NATURAL DIVERSITY DATABASE REPORTING  
FORM**

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) from February 1 through February 31, 2017, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

## 2.0

### **LNTP MONITORING SUMMARY**

This section summarizes biological monitoring activities conducted by Butier Engineering Inc. during the February 2017 reporting period. Construction mobilization began August 15, 2016.

Biological monitoring is conducted on a weekly basis (one visit per week). There is currently one active nest within the LNTP HBEP site. Biological resources daily inspection logs are provided in Appendix A. Biological monitoring resources compliance monitoring logs are provided in Appendix B. Wildlife observations forms are included in Appendix C.

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 to bi-weekly basis, as well as on-call monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site.

All on-site staff receives WEAP training prior to start of work. The hardcopy sign-in training logs for February 2017 will be submitted under separate cover.

## 2.1

### **NESTING BIRDS**

A female mallard (*Anas platyrhynchos*) and seven (7) ducklings have transitioned into the fuel oil tank containment berm immediately north of the LNTP site, within the Huntington Beach Generating Station (HBGS) on February 23, 2017.

In addition, one active killdeer (*Charadrius vociferus*) nest was identified within the LNTP HBEP site on February 24, 2017. A 25-foot buffer has been established and nest monitoring will continue.

## 2.3

### **SPECIAL-STATUS SPECIES**

Six 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), burrowing owl (*Athene cunicularia*; California Department of Fish and Wildlife [CDFW] Species of

Special Concern [SSC]; United States Department of Interior, Bureau of Land Management [BLM] S; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]), long-billed curlew (*Numenius americanus*; CDFW Watch List [WL]; USFWS BCC), osprey (*Pandion haliaetus*; CDFW WL), American white pelican (*Pelecanus erythrorhynchos*; CDFW SSC), and double-crested cormorant (*Phalacrocorax auritus*; CDFW WL).

A CDFW California Natural Diversity Database (CNDDDB) survey form for the overwintering burrowing owl was submitted and is provided in Appendix E. In addition, a 100-foot buffer was erected as a best management practice (BMP) around the burrow location. The BMP buffer for the individual owl is located within the HBGS and not within the LNTP site boundary.

## **2.4 WILDLIFE INJURIES AND MORTALITIES**

### **2.4.1 *Migratory Bird Treaty Act Protected Species***

One dead non-breeding, ruddy duck (*Oxyura jamaicensis*) was found within the HBGS site on February 13, 2017 and the associated wildlife observation form is provided in Appendix C. No additional injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed within the LNTP project site. Lists of avian species observed during the monitoring events are included in Appendix D.

### **2.4.2 *Other Species***

One dead black rat (*Rattus rattus*) was located within the LNTP project site and the associated wildlife observation form is provided in Appendix C. Lists 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**

Some trash was observed within the LNTP and a request for removal was submitted. No other litter was observed within the project site.

No formal non-compliance notifications were issued.

Two incidents occurred outside of the LNTP, but within the HBGS site and corrective actions were taken. The first incident occurred on February 21, 2017. The outside boundary/exclusionary tape for the 100-foot burrowing owl buffer was blown down during a storm event and only the inner exclusionary tape remained intact. The onsite contractor placed gravel within the 100-foot buffer accidentally because the outside boundary tape was no longer visible. The Designated Biologist arrived onsite and worked with the contractor to move the gravel outside of the 100-foot buffer. The burrowing owl was monitored by the Designated Biologist from 13:01 to 13:53 while the gravel was being moved. No signs of distress were observed and the 100-foot buffer was reestablished.

The second incident occurred on February 23, 2017. A contractor was observed crossing the outer portion of the burrowing owl 100-foot buffer within the HBGS. The contractor was immediately stopped by Josh Wynia/AES. The Designated Biologist also observed the encroachment from a distance and addressed the issue. Furthermore, all personnel were retrained about no-disturbance buffers during the February 24, 2017 morning tailboard.

*Appendix A*  
*Biological Resources Daily Inspection Logs*

**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTF)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company
02/01/2017	Wednesday	Mark Smith / Butier Engineering			AES/GSD/BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
50 / 64	82 / 61	1 / 7	NO	1-3mi / 10-20mi	cool marine overcast until mid am, clear hazy pm
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		NO CURRENT EXCLUSION ZONES
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					



**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	
02/02/2017	Thursday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
48 / 64	92 / 1	3 /	NO	3-5mi / mi	cool mostly cloudy /	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		NO CURRENT EXCLUSION ZONES	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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	
02/03/2017	Friday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
57 / 61	86 / 84	3 / 6	NO	3-5mi / 5-10mi	Rain cool cloudy, rain stopped @12pm / broken	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		NO CURRENT EXCLUSION ZONES	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTN)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
02/06/2017	Monday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
53 /	96 / 1	3 /	YES	1-3mi / mi	Rain cool cloudy / Rain	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		NO CURRENT EXCLUSION ZONES	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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
02/07/2017	Tuesday	Mark Smith / Butier Engineering			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
59 / 65	99 / 78	8 / 10	YES	1-3mi / 15-20mi	Rain cloudy early am clearing to mostly cloudy
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		One Buffer Zone outside LNTP area / Owl
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					

**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTF)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company
02/08/2017	Wednesday	Mark Smith / Butier Engineering			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
58 / 67	97 / 82	1 / 6	No	1mi / 3-5mi	cloudy and patchy fog am, partial clearing pm
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		One buffer zone monitored for BUOW
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					

**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	
02/09/2017	Thursday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
58 / 63	96 / 90	3 / 7	NO	>1mi / 1-3mi	foggy most of the day / partly cloudy inland	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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	
02/10/2017	Friday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
56 / 65	100 / 82	8 / 3	No / ?	3-5 mi / 5 mi	cloudy cool breezy at times / cloudy cool	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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	
02/13/2017	Monday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
50 / 69	86 / 60	1 / 7	No	10 mi / 20 mi	cool clear hazy, warmer clear, mstly clear late pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						



**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	
02/14/2017	Tuesday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
56 / 65	92 / 71	1 / 9	NO	10 mi / 20 mi	partly cloudy marine layer am, clear & warm pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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
02/15/2017	Wednesday	Mark Smith / Butier Engineering			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
52 / 68	97 / 54	2 / 6	No	>1 mi / 20+ mi	fog, breaking mid am, clear sunny warm 11am
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					

**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTF)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
02/16/2017	Thursday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
54 / 61	97 / 82	3 / 8	NO	>1mi / >5mi	foggy am, increase clouds as fog lifts, cloudy pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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	
02/21/2017	Tuesday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
57 / 66	94 / 70	0 / 8	NO	1-3mi / >10mi	cloudy hazy patchy fog am, partly cloudy pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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	
02/22/2017	Wednesday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
53 / 6	95 / 8	1 / 14	NO	1-3mi / >15mi	partly cloudy hazy am, mostly sunny breezy pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer/Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**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
02/23/2017	Thursday	Mark Smith / Butier Engineering			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
49 / 62	52 / 28	8 / 20 G=25	NO	25mi / 20mi	clear cool breezy am, windy hazy pm
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer/Owl
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					

**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	
02/24/2017	Friday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
39 / 61	81 / 41	1 / 11	NO	20+mi / 20+mi	clear chilly am, warming mid am/ sunny breezy p	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, One buffer/Owl	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						

**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTN)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
02/27/2017	Monday	Mark Smith / Butier Engineering			AES / GSD / BEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment	
51 / 56	77 / 92	3 / 4	YES	15mi / 3mi	cloudy early am, rain from approx 10am to 3pm	
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>						
<b>Compliance Verification Checklist – Biological Resources:</b>						
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			
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			
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y			
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y			
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y			
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			
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			
No firearms or weapons are onsite.			Y		NONE OBSERVED	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y			
Pesticide management in accordance with standard best management practices (BMPs).			Y			
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, Two buffer	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE	
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED	
<b>Items Requiring Action/Follow-up</b>						



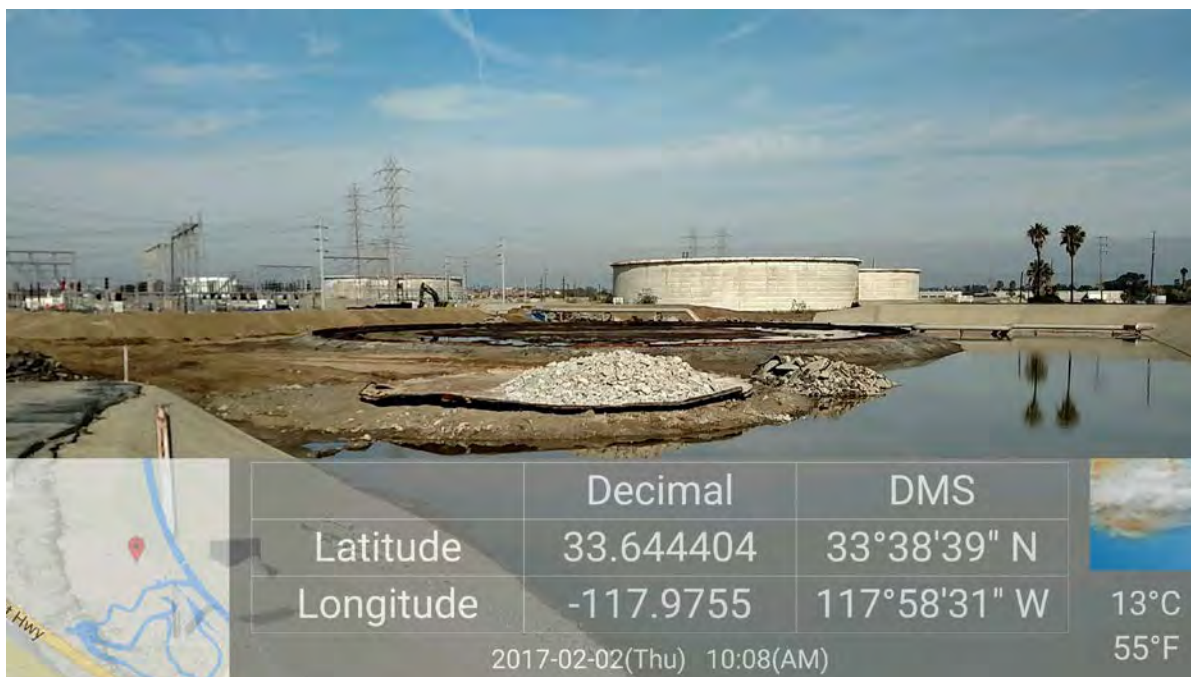
**AES Southland Development Huntington Beach Energy Project  
(HBEP) Limited Notice to Proceed (LNTP)  
BIOLOGICAL RESOURCES DAILY INSPECTION LOG**

Date	Day	Inspector/Contractor			Inspector/Contractor Company
02/28/2017	Tuesday	Mark Smith / Butier Engineering			AES / GSD / BEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility am / pm	Weather Comment
53 / 63	76 / 45	1 / 11	No	15-20mi / 20+mi	clear cool am / warmer slightly breezy pm
<p><b>Reminder:</b> If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473. After you have contacted the DB, please complete a "Wildlife Observation Form".</p>					
<b>Compliance Verification Checklist – Biological Resources:</b>					
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		
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		
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).			Y		
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.			Y		
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.			Y		
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		
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		
No firearms or weapons are onsite.			Y		NONE OBSERVED
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.			Y		
Pesticide management in accordance with standard best management practices (BMPs).			Y		
Exclusion Zones (e.g., no-disturbance buffer for active nests)			Y		No current exclusion zones, Two buffer
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10mph IN CONSTRUCTION ZONE
Pre-construction surveys (nesting birds and bats)			Y		COMPLETED
<b>Items Requiring Action/Follow-up</b>					

*Appendix B*  
*Biological Resources Compliance Monitoring Logs*

AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 2, 2017		Melissa Fowler			09:45-16:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
59	68	4	N	Good (7.0 mi)	
<b>Location(s) of Work Site Activities Monitored</b>					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>No active bird nests or courtship and nesting behavior was observed during today's monitoring event.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986) (see Photo 4).</li> <li>Great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] S) were observed foraging in the Magnolia Marsh.</li> <li>A long-billed curlew (<i>Numenius americanus</i>; CDFW Watch List [WL]) was observed foraging in the Magnolia Marsh.</li> <li>Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW WL) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>The burrowing owl was first observed within the HBGS on January 31, 2017. Mark Smith/Butier Engineering informed the Designated Biologist about the observation and was instructed to establish a 100-foot buffer around the individual burrowing owl.</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>Two open work areas located outside of the LNTF boundary, but within the 300-foot Survey Area, lacked appropriately sloped escaped ramps or covers.</li> <li>No additional observations were noted.</li> </ul>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"> <li>Covers or appropriately sloped (3:1) escaped ramps are recommended for the open work areas. A request was submitted to Josh Wynia/AES.</li> </ul>					
<b>Wildlife Species Observed:</b>					
<p>American coot (<i>Fulica americana</i>), American wigeon (<i>Anas americana</i>), Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), blue-gray gnatcatcher (<i>Polioptila caerulea</i>), burrowing owl, California ground squirrel (<i>Spermophilus beecheyi</i>), California towhee (<i>Melospiza crissalis</i>), Canada goose (<i>Branta canadensis</i>), double-crested cormorant, great egret, house finch (<i>Haemorrhous mexicanus</i>), long-billed curlew, 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>), western gull (<i>Larus occidentalis</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), and yellow-rumped warbler (<i>Setophaga coronata</i>).</p>					

Photo 1



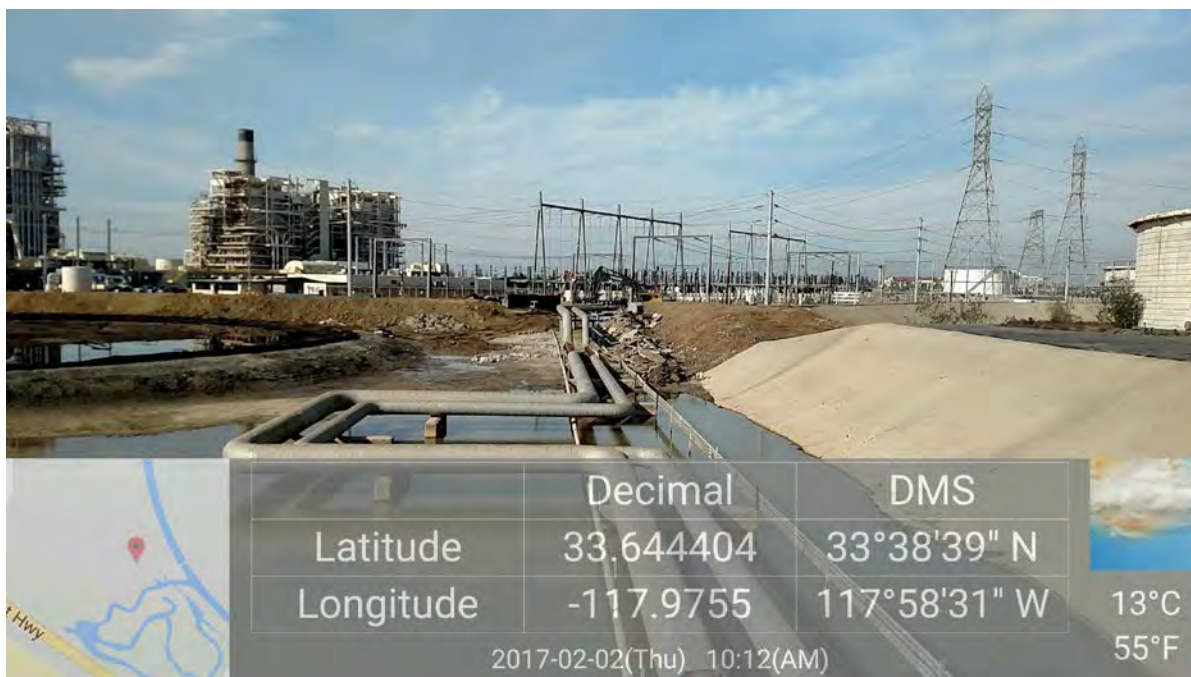
Location

LNTP: Containment basin

Description

Overview of the containment basin within the LNTP boundary.

Photo 2



Location

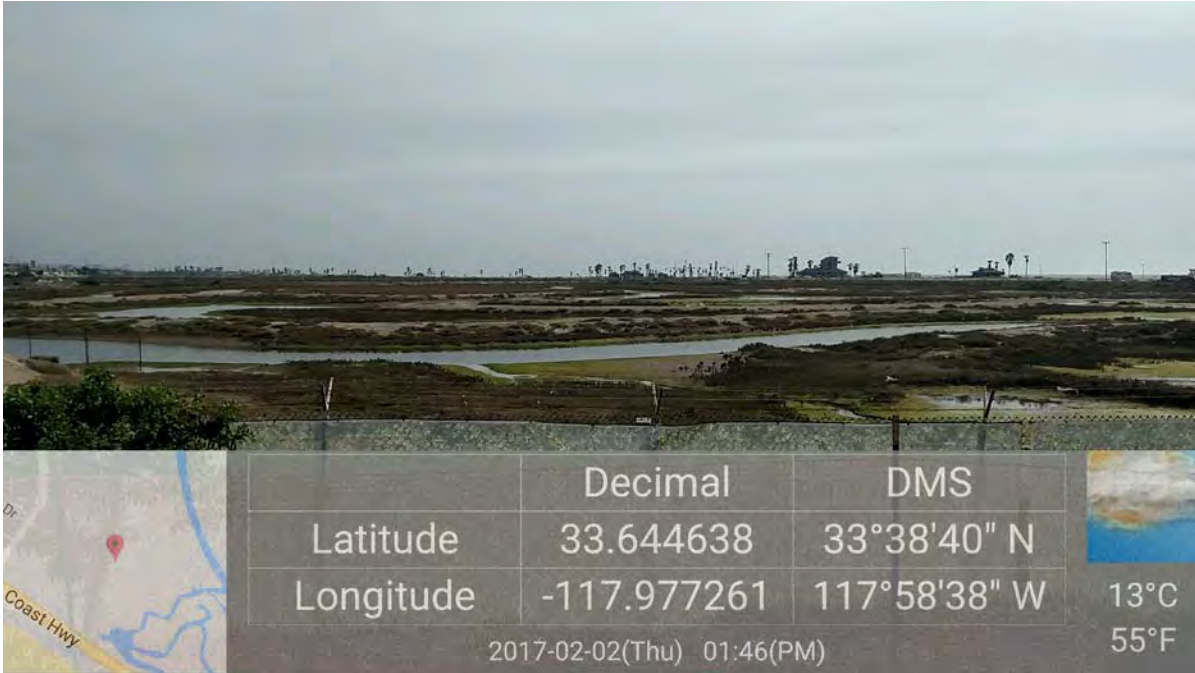
LNTP: Pipeline.

Description

Overview of the pipeline within the containment basin.

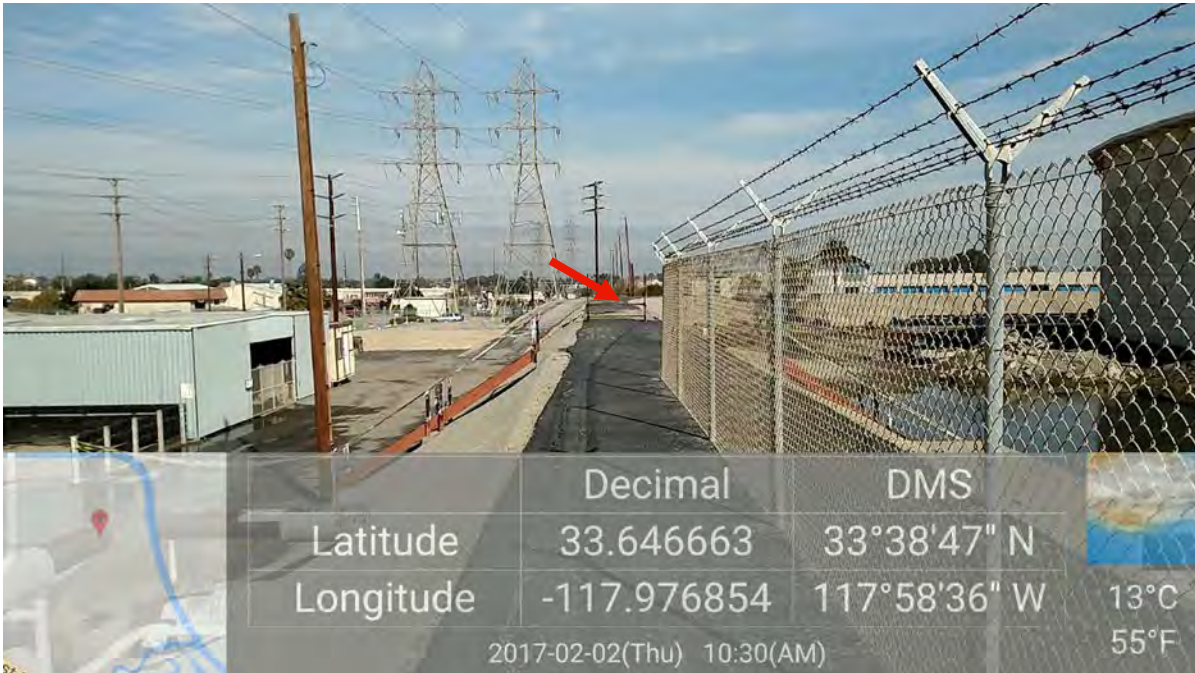


Photo 3



Location	LNTP: Fence line.	Description	Overview of the Magnolia Marsh from the perimeter fence line.
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Photo 4



Location	HBGS: Northwestern fuel oil tank containment basin.	Description	An overview of the individual burrowing owl burrow location (red arrow), which is located on the northern side of the cut within the
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			berm. A 100-foot buffer was established on January 31, 2017 (the photograph was taken from outside of the buffer zone).
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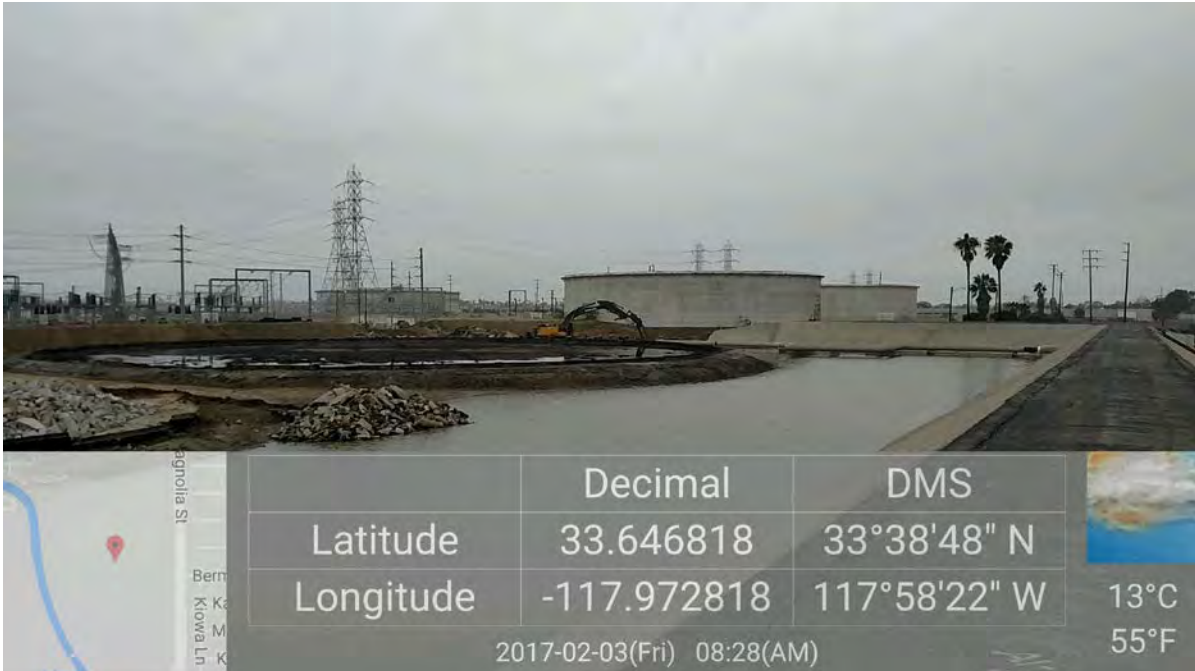
AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 3, 2017		Melissa Fowler			08:15-11:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)*	Visibility	Weather Comment
57	86	6	Y, 0.05"	Moderate (5.0 mi)	
<b>Location(s) of Work Site Activities Monitored</b>					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>No active bird nests or courtship and nesting behavior was observed during today's monitoring event.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986) (see Photo 4).</li> <li>Great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] S) were observed foraging in the Magnolia Marsh.</li> <li>Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW Watch List [WL]) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>No additional observations were noted.</li> </ul> <p>*Rainfall data was obtained from Weather Underground. Available online at:  <a href="https://www.wunderground.com/history/airport/KSNA/2016/12/22/MonthlyCalendar.html?req_city=Huntington%20Beach&amp;req_state=CA&amp;reqdb.zip=92605&amp;reqdb.magic=1&amp;reqdb.wmo=99999#calendar">https://www.wunderground.com/history/airport/KSNA/2016/12/22/MonthlyCalendar.html?req_city=Huntington%20Beach&amp;req_state=CA&amp;reqdb.zip=92605&amp;reqdb.magic=1&amp;reqdb.wmo=99999#calendar</a> </p>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"> <li>None.</li> </ul>					
<b>Wildlife Species Observed:</b>					
American crow ( <i>Corvus brachyrhynchos</i> ), Anna's hummingbird ( <i>Calypte anna</i> ), burrowing owl, double-crested cormorant, great egret, house finch ( <i>Haemorrhous mexicanus</i> ), mallard ( <i>Anas platyrhynchos</i> ), rock pigeon ( <i>Columba livia</i> ), and Say's phoebe ( <i>Sayornis saya</i> ).					

Photo 1



Location	LNTP: Peaker building foundation	Description	Overview of the peaker building foundation.
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Photo 2



Location	LNTP: Containment basin.	Description	Overview of the water level from recent precipitation events within the containment basin.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 8, 2017		Melissa Fowler			09:45-16:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	91	3	N	Good (9.0 mi)	100% cloud cover
<b>Location(s) of Work Site Activities Monitored</b>					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Anna's hummingbird (<i>Calypte anna</i>) courtship behavior was observed during today's monitoring event within the northwestern containment basin of the HBGS.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986).</li> <li>• Great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] S) were observed foraging in the Magnolia Marsh.</li> <li>• A great blue heron (<i>Ardea herodias</i>; CDF S) was observed foraging in the Magnolia Marsh.</li> <li>• A long-billed curlew (<i>Numenius americanus</i>; CDFW Watch List [WL]; USFWS BCC) was observed foraging in the Magnolia Marsh.</li> <li>• Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW WL) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• The burrowing owl 100-foot buffer remains in place.</li> <li>• Opossum (<i>Didelphis virginiana</i>) tracks were observed along the perimeter fence line.</li> <li>• No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• Two open work areas located outside of the LNTF boundary, but within the 300-foot Survey Area, lacked appropriately sloped escaped ramps or covers (see Photo 1).</li> <li>• No additional observations were noted.</li> </ul>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"> <li>• Covers or appropriately sloped (3:1) escaped ramps are recommended for the open work areas. A request was submitted to Josh Wynia/AES.</li> </ul>					
<b>Wildlife Species Observed:</b>					
<p>American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), American wigeon (<i>Anas americana</i>), Anna's hummingbird, belted kingfisher (<i>Megasceryle alcyon</i>), black rat (<i>Rattus rattus</i>), bufflehead (<i>Bucephala albeola</i>), burrowing owl, California ground squirrel (<i>Spermophilus beecheyi</i>), cinnamon teal (<i>Anas cyanoptera</i>), double-crested cormorant, eared grebe (<i>Podiceps nigricollis</i>), Forster's tern (<i>Sterna forsteri</i>), great egret, house finch (<i>Haemorrhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), long-billed curlew, mallard (<i>Anas platyrhynchos</i>), marbled godwit (<i>Limosa fedoa</i>), mourning dove (<i>Zenaida macroura</i>), northern shoveler (<i>Anas clypeata</i>), Say's phoebe (<i>Sayornis saya</i>), snowy egret (<i>Egretta thula</i>), turkey vulture (<i>Cathartes aura</i>), western gull (<i>Larus occidentalis</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), wood duck (<i>Aix sponsa</i>),</p>					

and yellow-rumped warbler (*Setophaga coronata*).

**Photo 1**



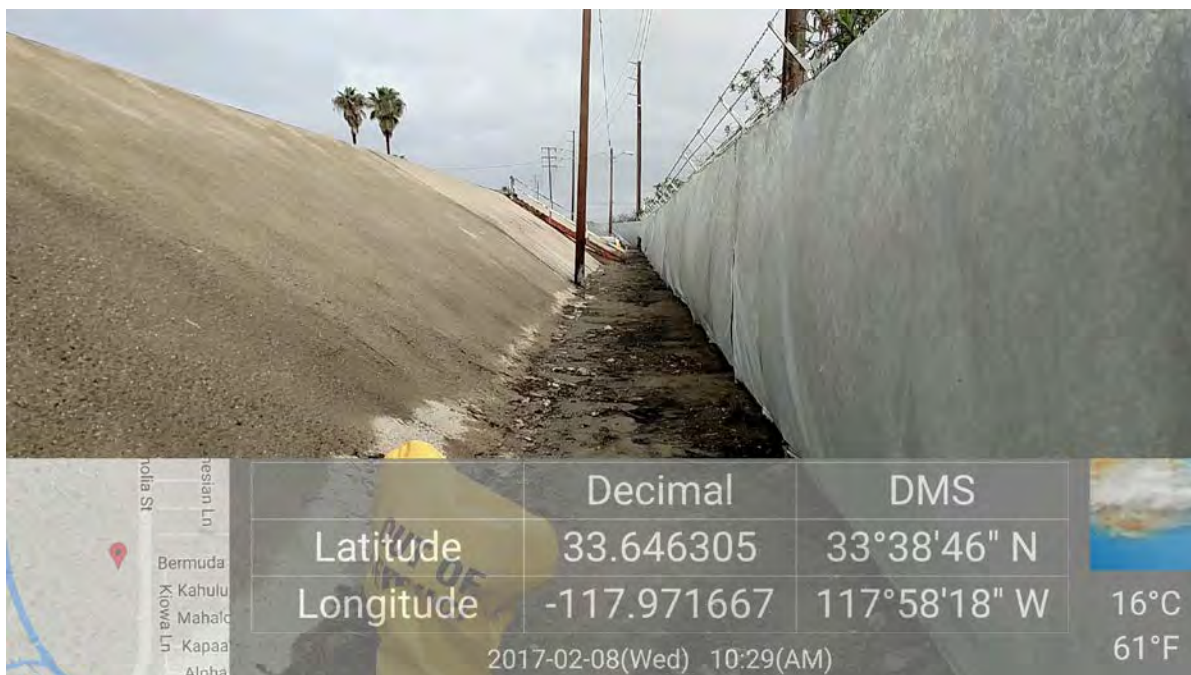
<b>Location</b>	LNTF Survey Area: Open work area.	<b>Description</b>	Overview of an open work area filled with water from recent rain events. Note: the work area is located outside of the LNTF boundary.
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**Photo 2**



<b>Location</b>	LNTP: Peaker building foundation.	<b>Description</b>	Overview of the peaker building foundation.
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Photo 3



<b>Location</b>	LNTP: Fence line.	<b>Description</b>	Overview of the LNTP perimeter fence line.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 14, 2017		Melissa Fowler			10:15-13:15
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
60	85	3	N	Good (8.0 mi)	
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• Anna's hummingbird (<i>Calypte anna</i>) courtship behavior was observed during today's monitoring event near the LNTF fence line.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• A great blue heron (<i>Ardea herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed within the Magnolia Marsh.</li> <li>• Double-crested cormorants (<i>Phalacrocorax auritus</i>; California Department of Fish and Wildlife [CDFW] Watch List [WL]) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• A non-breeding, male ruddy duck (<i>Oxyura jamaicensis</i>) was found within the HBGS on February 13, 2017. Although the bird was found outside of the LNTF boundary, a Wildlife Observation Form was completed.</li> <li>• No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• Visual privacy screening was damaged during recent storm and high wind events (see Photo 1). The visual privacy screening is being maintained on a weekly basis because of the frequency of storm events.</li> <li>• No additional observations were noted.</li> </ul>					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> <li>• None.</li> </ul>					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), bufflehead (<i>Bucephala albeola</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), double-crested cormorant, great blue heron, house finch (<i>Haemorrhous mexicanus</i>), mallard (<i>Anas platyrhynchos</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), snowy egret (<i>Egretta thula</i>), western gull (<i>Larus occidentalis</i>), whimbrel (<i>Numenius phaeopus</i>), and yellow-rumped warbler (<i>Setophaga coronata</i>).</p>					

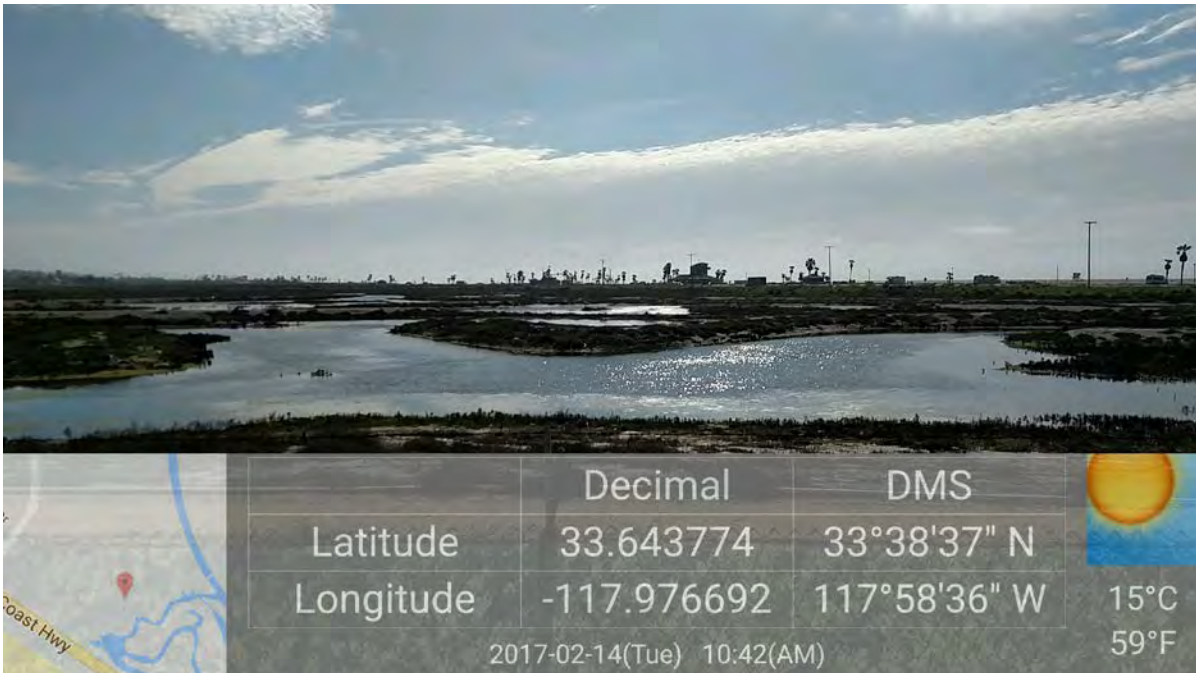


Photo 1



Location	LNTP: Perimeter fence line	Description	Damaged visual privacy screening on the perimeter fence line.
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Photo 2



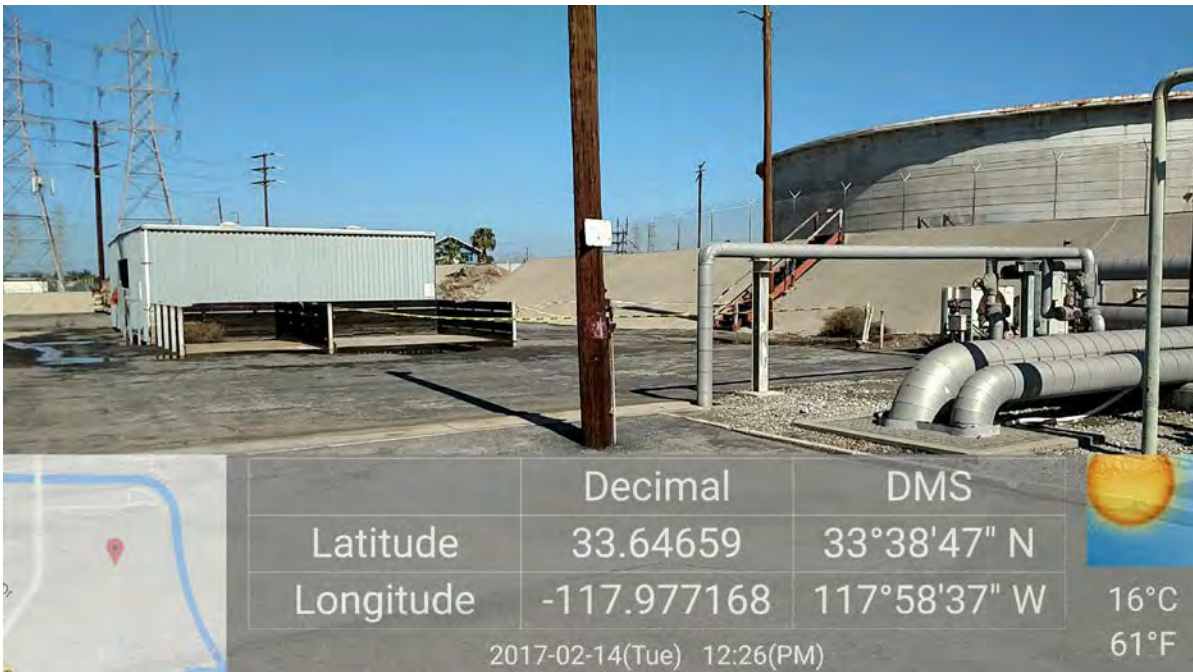
Location	LNTP: Perimeter fence line.	Description	Overview of the Magnolia Marsh from the perimeter fence line.
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Photo 3



Location	LNTP: Fence line.	Description	Overview of the Upper Magnolia Marsh from the perimeter fence line.
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Photo 4



Location	HBGS: Northwestern fuel oil tank containment basin.	Description	An overview of the burrowing owl 100-foot buffer within the HBGS.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 21, 2017		Melissa Fowler			10:30-14:45
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	79	4	N	Good (8.0 mi)	95% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTp) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTp project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>No active bird nests or courtship and nesting behavior was observed during today's monitoring event.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986).</li> <li>A great blue heron (<i>Ardea herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed within the Magnolia Marsh.</li> <li>A long-billed curlew (<i>Numenius americanus</i>; CDFW Watch List [WL]; USFWS BCC) was observed foraging within the Magnolia Marsh.</li> <li>Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW WL) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>The outside boundary/exclusionary tape for the 100-foot burrowing owl buffer was blown down during a storm event and only the inner exclusionary tape remained intact. The onsite contractor placed gravel within the 100-foot buffer accidentally because the outside boundary tape was no longer visible.</li> <li>The Designated Biologist arrived onsite and worked with the contractor to move the gravel outside of the 100-foot buffer. The burrowing owl was monitored by the Designated Biologist from 13:01 to 13:53 while the gravel was being moved. No signs of distress were observed and the 100-foot buffer was reestablished.</li> <li>Some of the lollipop (<i>Myoporum</i> spp.) trees were damaged during recent storm events (see Photo 1).</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>Visual privacy screening was damaged during recent storm and high wind events. The visual privacy screening is being maintained on a weekly basis because of the frequency of storm events.</li> <li>No additional observations were noted.</li> </ul>					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> <li>None.</li> </ul>					

**Wildlife Species Observed:**

American crow (*Corvus brachyrhynchos*), American wigeon (*Anas americana*), Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), burrowing owl, double-crested cormorant, great blue heron, house finch (*Haemorhous mexicanus*), long-billed curlew, mallard (*Anas platyrhynchos*), ruddy duck (*Oxyura jamaicensis*), Say's phoebe (*Sayornis saya*), short-billed dowitcher (*Limnodromus griseus*), snowy egret (*Egretta thula*), western gull (*Larus occidentalis*), and wood duck (*Aix sponsa*).

**Photo 1**

<b>Location</b>	LNTF: Perimeter fence line	<b>Description</b>	Damaged and/or portions of downed trees near the perimeter fence line.
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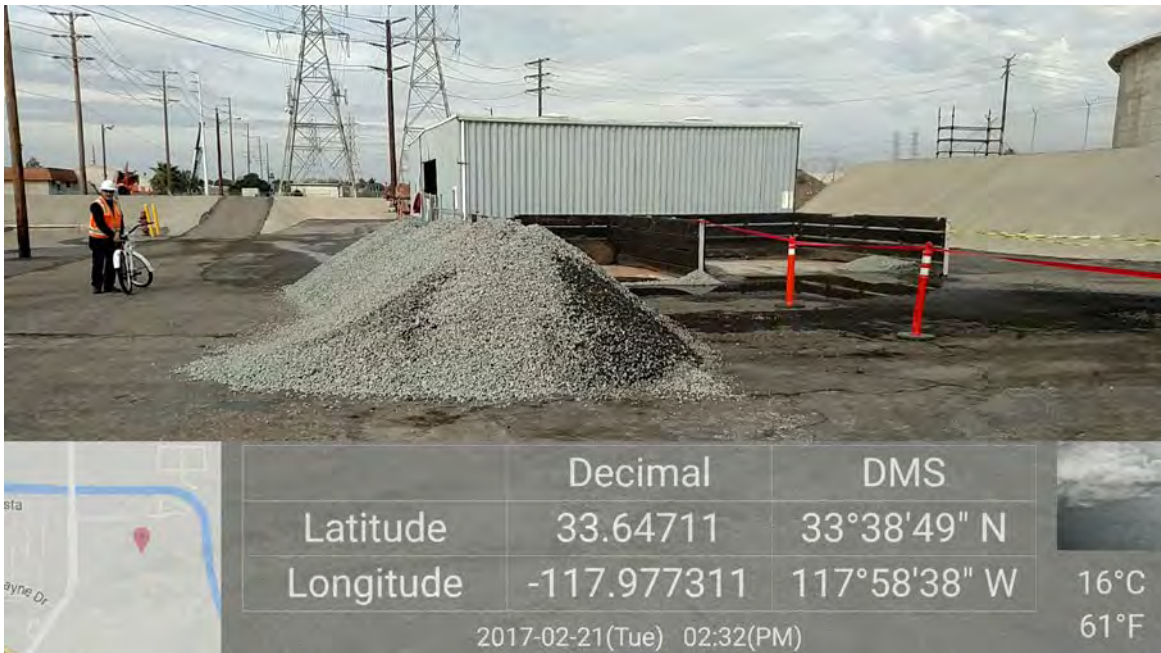


Photo 2



Location	HBGS: Work area	Description	Documentation of the open work areas being covered.
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Photo 3



Location	HBGS: Near the northwestern fuel oil tank containment basin.	Description	Documentation of the completed gravel pile, which was moved outside of the 100-foot burrowing owl buffer. Note: The Designated Biologist monitored the burrowing owl during the work activity. No signs of distress were observed.
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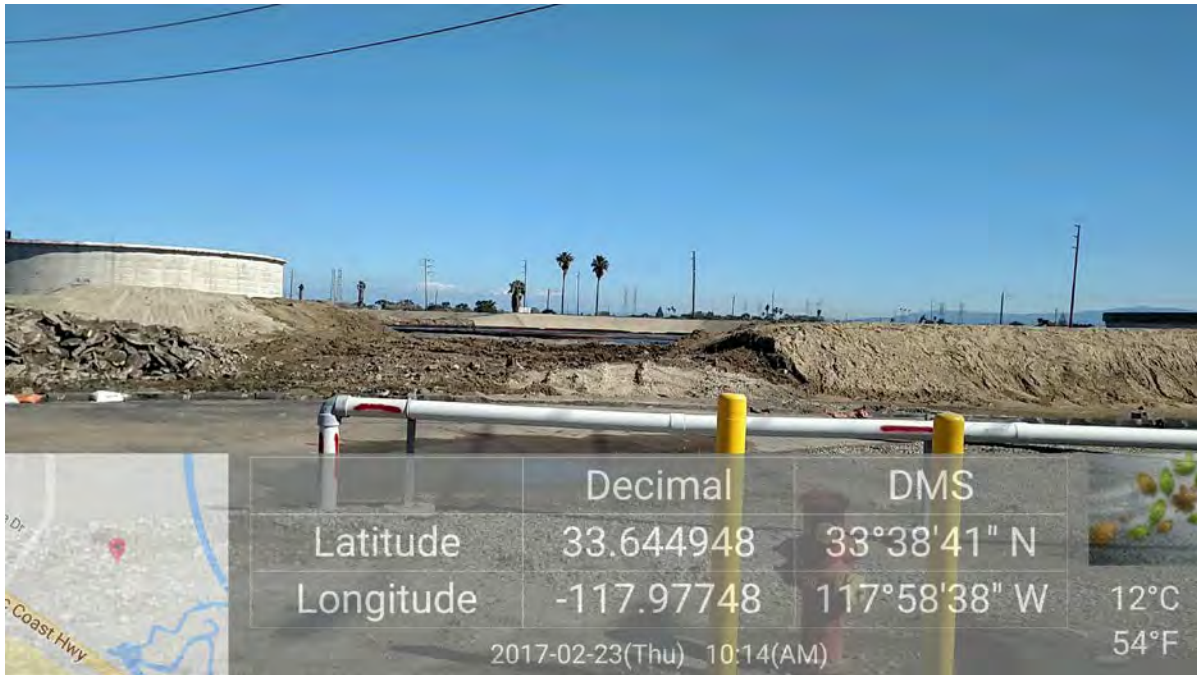
Photo 4



Location	HBGS: Near the northwestern fuel oil tank containment basin.	Description	An overview of the reestablished burrowing owl 100-foot buffer within the HBGS.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
February 23, 2017		Melissa Fowler			09:30-15:15
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
57	34	11	N	Good (10.0 mi)	0% cloud cover
<b>Location(s) of Work Site Activities Monitored</b>					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>A female mallard (<i>Anas platyrhynchos</i>) with seven (7) ducklings was observed within the fuel oil tank containment basin located immediately north and adjacent to the LNTF boundary. Onsite personnel were informed about the observation. The Designated Biologist provided instructions that if the mallards pass into the LNTF site, all work will immediately stop until the mallards move out of the work area on their own.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986).</li> <li>A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] S) was observed on the landscaped within the southern portion of the HBGS site.</li> <li>A long-billed curlew (<i>Numenius americanus</i>; CDFW Watch List [WL]; USFWS BCC) was observed foraging in the Magnolia Marsh.</li> <li>American white pelicans (<i>Pelecanus erythrorhynchos</i>; CDFW SSC) were observed flying over the Magnolia Marsh.</li> <li>Double-crested cormorants (<i>Phalacrocorax auritus</i>; CDFW WL) were observed within the Magnolia Marsh.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>The burrowing owl 100-foot buffer remains in place within the HBGS.</li> <li>A contractor was observed crossing the outer portion of the burrowing owl buffer within the HBGS. The contractor was immediately stopped by Josh Wynia/AES. The Designated Biologist also observed the encroachment and addressed the issue. Furthermore, all personnel will be retrained about buffers during the February 24, 2017 morning tailboard.</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>No additional observations were noted.</li> </ul>					
<b>Items Requiring Action/Follow-up</b>					
<ul style="list-style-type: none"> <li>Onsite personnel will be retrained about buffer zones, both within the LNTF site and HBGS on February 24, 2017.</li> </ul>					
<b>Wildlife Species Observed:</b>					
American crow ( <i>Corvus brachyrhynchos</i> ), American kestrel ( <i>Falco sparverius</i> ), American white pelican, American wigeon ( <i>Anas americana</i> ), Anna's hummingbird ( <i>Calypte anna</i> ), belted kingfisher ( <i>Megasceryle alcyon</i> ), black-necked stilt ( <i>Himantopus mexicanus</i> ), black phoebe ( <i>Sayornis nigricans</i> ), bufflehead ( <i>Bucephala albeola</i> ), burrowing owl, common raven ( <i>Corvus corax</i> ), double-crested cormorant, Forster's tern ( <i>Sterna forsteri</i> ), great egret, house finch ( <i>Haemorrhous mexicanus</i> ), killdeer					

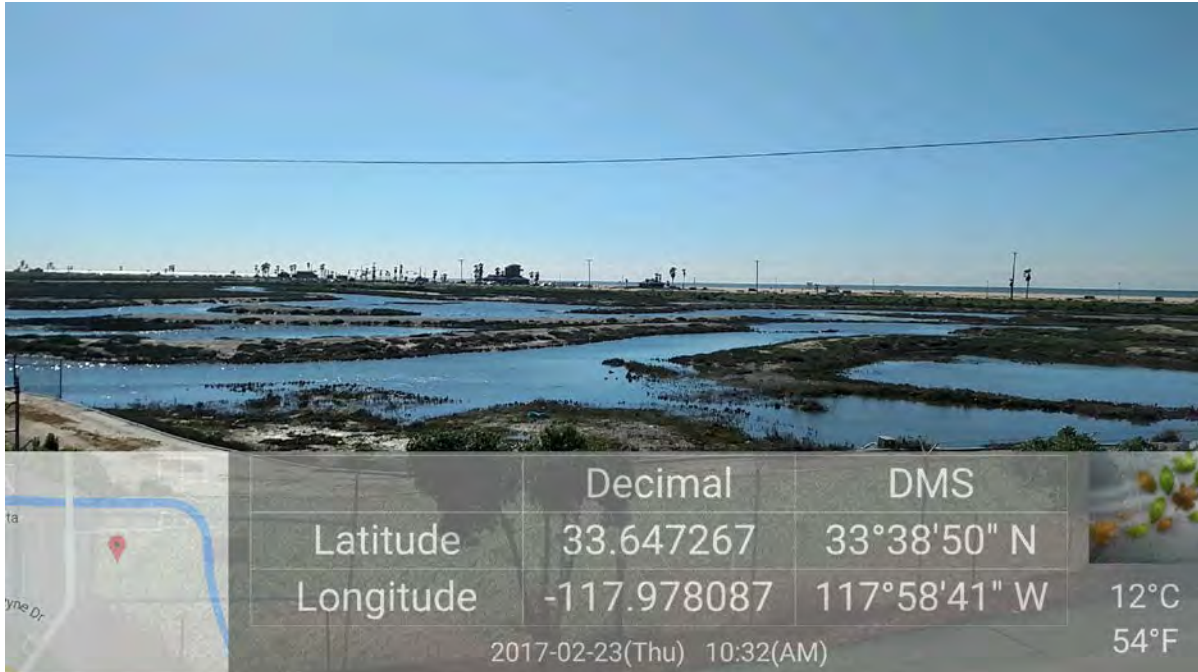
(*Charadrius vociferus*), long-billed curlew, mallard, mourning dove (*Zenaida macroura*), pied grebe (*Podilymbus podiceps*), Say's phoebe (*Sayornis saya*), short-billed dowitcher (*Limnodromus griseus*), snowy egret (*Egretta thula*), turkey vulture (*Cathartes aura*), western gull (*Larus occidentalis*), western sandpiper (*Calidris mauri*), and yellow-rumped warbler (*Setophaga coronata*).

**Photo 1**

Location	LNTP: Containment basin.	Description	Overview of demolition of the fuel oil containment basin berm.
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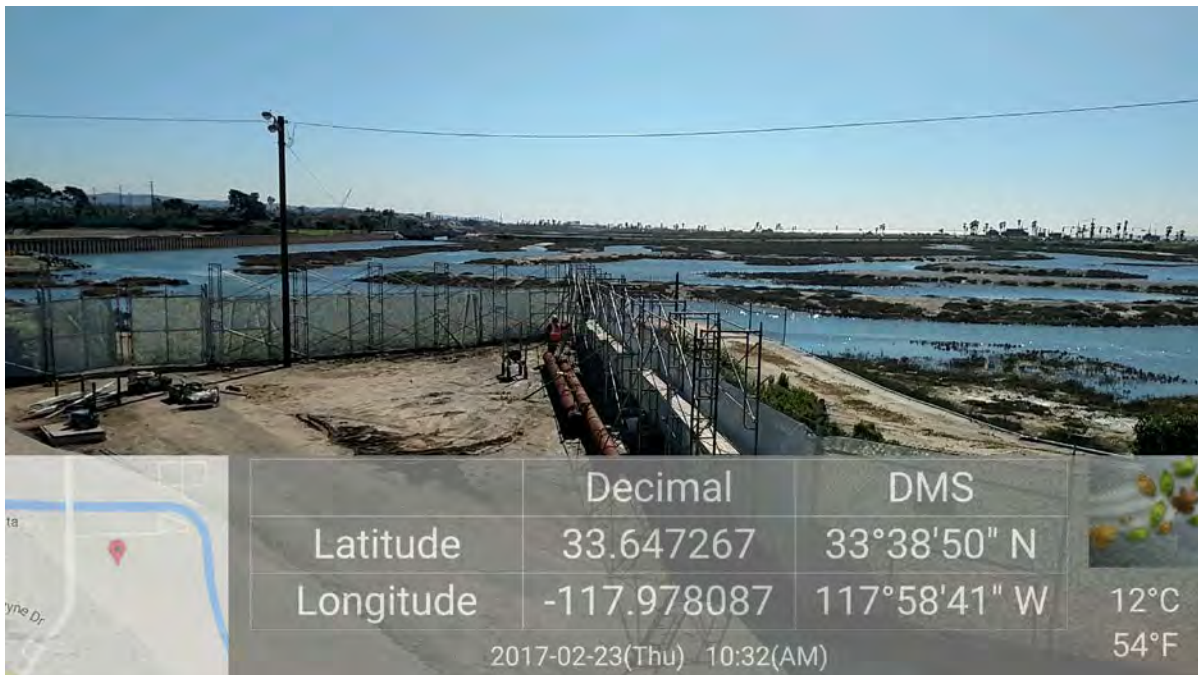


Photo 2



Location	LNTP: Perimeter fence line.	Description	Overview of the Magnolia Marsh from the LNTP perimeter fence line.
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Photo 3



Location	LNTP: Fence line.	Description	Overview of the scaffolding being built along the LNTP perimeter fence line.
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Photo 4



Location	LNTP: Berm between the containment basins.	Description	The female mallard and ducklings within the HBGS containment basin.
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## AES Southland Development Huntington Beach Energy Project (HBEP)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
February 27, 2017		Melissa Fowler			08:00-13:30	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)*	Visibility	Weather Comment	
52	75	2	Y, 0.10"	Good (10.0 mi)		
<b>Location(s) of Work Site Activities Monitored</b>						
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).						
<b>Summary of Biological Resources Monitoring Observations</b>						
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>A potential white-throated swift nest was identified within the fuel oil tank within the HBGS, immediately north of the LNTF site. Additional observations are required to determine if an active nest is present.</li> <li>A killdeer (<i>Charadrius vociferus</i>) nest was identified on February 24, 2017 within the LNTF work area (33.645467, -117.976006) and a 25-foot buffer was established (see Photo 1).</li> <li>The female mallard and seven (7) ducklings were still within the HBGS containment basin immediately north of the LNTF site.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>A burrowing owl (<i>Athene cunicularia</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]; Department of the Interior, Bureau of Land Management [BLM] Sensitive [S]; and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed within the HBGS (33.647517, -117.976986).</li> <li>A great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] S) was observed within the Magnolia Marsh.</li> <li>A great blue heron (<i>Ardea herodias</i>; CDF S) was observed within the Magnolia Marsh.</li> <li>An osprey (<i>Pandion haliaetus</i>; CDFW Watch List [WL]) was observed perching along the perimeter fence line.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>The burrowing owl 100-foot buffer remains in place within the HBGS.</li> <li>The vegetation along the perimeter fence line was surveyed for avian nests before tree trimming was completed for erecting the scaffolding. No nests were identified.</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>Litter was identified along the perimeter fence line. A request for litter removal was submitted.</li> <li>No additional observations were noted.</li> </ul> <p><small>*Rainfall data was obtained from Weather Underground. Available online at:  <a href="https://www.wunderground.com/history/airport/KSNA/2016/12/22/MonthlyCalendar.html?req_city=Huntington%20Beach&amp;req_state=CA&amp;reqdb.zip=92605&amp;reqdb.magic=1&amp;reqdb.wmo=99999#calendar">https://www.wunderground.com/history/airport/KSNA/2016/12/22/MonthlyCalendar.html?req_city=Huntington%20Beach&amp;req_state=CA&amp;reqdb.zip=92605&amp;reqdb.magic=1&amp;reqdb.wmo=99999#calendar</a></small></p>						
<b>Items Requiring Action/Follow-up</b>						
<ul style="list-style-type: none"> <li>Litter removal is required along the perimeter fence line.</li> </ul>						
<b>Wildlife Species Observed:</b>						
American crow ( <i>Corvus brachyrhynchos</i> ), American kestrel ( <i>Falco sparverius</i> ), Anna's hummingbird ( <i>Calypte anna</i> ), belted kingfisher ( <i>Megasceryle alcyon</i> ), burrowing owl, great blue heron, great egret, house finch ( <i>Haemorhous mexicanus</i> ), killdeer,						



mallard, mourning dove (*Zenaida macroura*), osprey, western gull (*Larus occidentalis*), and white-throated swift (*Aeronautes saxatalis*).

Photo 1



Location	LNTP: Containment basin.	Description	Overview of killdeer 25-foot nesting buffer.
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Photo 2



<b>Location</b>	LNTF: Perimeter fence line.	<b>Description</b>	Overview of the Magnolia Marsh from the LNTF perimeter fence line.
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Photo 3



<b>Location</b>	LNTF: Fence line.	<b>Description</b>	Overview of the vegetation survey area along the perimeter fence line.
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Photo 4



Location	LNTP: Perimeter fence line.	Description	The erected scaffolding along the perimeter fence line.
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*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: 01-31-2017

Location of observation: approx. 150 feet north of the northeastern LNTF work limits, immediately east of the 90 day storage shed, at the top of the North Tank berm, and southern cut of the breach in the berm. Owl has burrowed in under the asphalt at the edge of the berm at top cut.

Wildlife Species: Burrowing Owl

Condition of wildlife:

Alive ☒

Dead:

Possible cause of injury or death: Not Applicable

Where is the animal currently: It was last seen as described and shown in attached photos. The perimeter of the area surrounding the animal has been flagged off as buffer zone no entry.

Is the resource in danger of Project (or other) impacts? No

Comments: Photos attached,  
Bird first noticed at about 7:00am on Tuesday January 31, 2017. Project Biologist informed, Area surrounding bird secured as buffer zone

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; MFowler@Butier.com; Cell: (714) 768-1173

COMPANY: Butier Engineering Inc.

ADDRESS: 17782 E. 17<sup>th</sup> Street, Suite 107, Tustin Ca. 92780; Office (714) 832-7222





Burrowing Owl, at edge of asphalt cut, bird is looking directly into photo.



Bird location viewed towards the northeast, adjacent to the fence property boundary between the City's North tank and AES's. Approximately 75 feet east of the 90 day hazardous material storage shed.





Bird location is at top of berm in the background (top left of picture) and adjacent to fence at the breach in the berm. Building visible on the left side of photo is the 90 day storage shed. Picture viewing Northeast.

## 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: 02-22-2017

Location of Observation: On top of the eastern berm of South Tank containment area

Wildlife Species: Rat

Condition of wildlife:

Alive ☐

Dead: **XX**

Possible cause of injury or death: Appears to be a predator kill.

Where is the animal currently? As described and shown in attached photos.  
Subsequently, the animal was disposed.

Is the resource in danger of Project (or other) impacts? No

Comments: Photo attached,

Rat first noticed at about 7:30am on Wednesday Feb 22, 2017

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; MFowler@Butier.com; Cell: (714) 768-1173

COMPANY: Butier Engineering Inc.

ADDRESS: 17782 E. 17<sup>th</sup> Street, Suite 107, Tustin Ca. 92780; Office (714) 832-7222





Rat location viewed south, on top of eastern berm of South Tank





*Appendix D*  
*Observed Wildlife Species List*

**Observed Wildlife Species List February 2017**  
**LNTP Huntington Beach Energy Project**

Common Name	Scientific Name	Status Federal/State/Other
<b>Birds</b>		
American coot	<i>Fulica americana</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
American wigeon	<i>Anas americana</i>	--/--/--
American white pelican	<i>Pelecanus erythrorhynchos</i>	--/SSC/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Belted kingfisher	<i>Megasceryle alcyon</i>	--/--/--
Black-necked stilt	<i>Himantopus mexicanus</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Blue-gray gnatcatcher	<i>Poliophtila caerulea</i>	--/--/--
Bufflehead	<i>Bucephala albeola</i>	--/--/--
Burrowing owl	<i>Athene cunicularia</i>	BCC/SSC/BLM: S
California towhee	<i>Melospiza crissalis</i>	--/--/--
Canada goose	<i>Branta canadensis</i>	--/--/--
Cinnamon teal	<i>Anas cyanoptera</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
Double-crested cormorant	<i>Phalacrocorax auritus</i>	--/WL/--
Eared grebe	<i>Podiceps nigricollis</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
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/--
Killdeer	<i>Charadrius vociferous</i>	--/--/--
Long-billed curlew	<i>Numenius americanus</i>	BCC/WL/--
Mallard	<i>Anas platyrhynchos</i>	--/--/--
Marbled godwit	<i>Limosa fedoa</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Northern shoveler	<i>Anas clypeata</i>	--/--/--
Osprey	<i>Pandion haliaetus</i>	--/WL/--
Pied grebe	<i>Podilymbus podiceps</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/--
Ruddy duck	<i>Oxyura jamaicensis</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Short-billed dowitcher	<i>Limnodromus griseus</i>	--/--/--

Snowy egret	<i>Egretta thula</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Western sandpiper	<i>Calidris mauri</i>	--/--/--
Whimbrel	<i>Numenius phaeopus</i>	--/--/--
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	--/--/--
White-throated swift	<i>Aeronautes saxatalis</i>	--/--/--
Wood duck	<i>Aix sponsa</i>	--/--/--
Yellow-rumped warbler	<i>Setophaga coronata</i>	--/--/--
<b>Mammals</b>		
Black rat	<i>Rattus rattus</i>	--/--/--
California ground squirrel	<i>Spermophilus beecheyi</i>	--/--/--

**Status Codes:**

If status codes are not provided, it indicates that the observed species is not a special-status species.

**Federal:**

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

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

BCC = Birds of Conservation Concern

**State:**

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

S = Sensitive

WL = Watch List

SP = Special Animals List

**Other:**

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

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

United States Forest Service (USFS) – Sensitive

*Appendix E*  
*California Diversity Database Reporting Form*

Mail to:  
California Natural Diversity Database  
California Dept. of Fish & Wildlife  
1416 9th Street, Suite 1266  
Sacramento, CA 95814

Fax: (916) 324-0475 email: CNDDDB@wildlife.ca.gov

**For Office Use Only**

Source Code: \_\_\_\_\_ Quad Code: \_\_\_\_\_

Elm Code: \_\_\_\_\_ Occ No.: \_\_\_\_\_

EO Index: \_\_\_\_\_ Map Index: \_\_\_\_\_

**Date of Field Work (mm/dd/yyyy):** 02/02/2017

Clear Form

**California Native Species Field Survey Form**

Print Form

**Scientific Name:** *Athene cunicularia*

**Common Name:** Burrowing owl

**Species Found?** ☒ Yes ☐ No If not found, why? \_\_\_\_\_

Total No. Individuals: 1 Subsequent Visit? ☐ Yes ☐ No

**Is this an existing NDDDB occurrence?** ☒ No ☐ Unk. Yes, Occ. # \_\_\_\_\_

Collection? If yes: \_\_\_\_\_ Number \_\_\_\_\_ Museum / Herbarium \_\_\_\_\_

**Reporter:** Melissa Fowler

**Address:** \_\_\_\_\_

**E-mail Address:** melissa.n.fowler@gmail.com

**Phone:** (714) 768-1173

**Plant Information**

Phenology:

% vegetative % flowering % fruiting

**Animal Information**

1  
# adults # juveniles # larvae # egg masses # unknown  
☒ wintering ☐ breeding ☐ nesting ☐ rookery ☐ burrow site ☐ lek ☐ other

**Location Description (please attach map AND/OR fill out your choice of coordinates, below)**

County: Orange Landowner / Mgr: AES Huntington Beach

Quad Name: \_\_\_\_\_ Elevation: ~16'

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model: \_\_\_\_\_

**DATUM:** NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy: \_\_\_\_\_ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☐

Coordinates: 33.647517, -117.976986

**Habitat Description (plants & animals)** plant communities, dominants, associates, substrates/soils, aspects/slope:

**Animal Behavior** (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

The individual was observed sitting in front of a burrow, which is located at the top of the north fuel oil tank berm.

Please fill out separate form for other rare taxa seen at this site.

**Site Information** Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☐ Fair ☒ Poor

Immediate AND surrounding land use: Industrial, residential, and open space (Huntington Beach Wetlands)

Visible disturbances: Industrial land use and demolition activities within the vicinity

Threats: \_\_\_\_\_

Comments: \_\_\_\_\_

**Determination:** (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): \_\_\_\_\_  
☐ Compared with specimen housed at: \_\_\_\_\_  
☐ Compared with photo / drawing in: \_\_\_\_\_  
☐ By another person (name): \_\_\_\_\_  
☐ Other: \_\_\_\_\_

**Photographs:** (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? ☐ yes ☐ no

Appendix H  
Cultural Resources Monthly Summary  
Report

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Appendix I  
Paleontological Resources Monthly  
Summary Report



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## Appendix J

### Visual Resources

# Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified February 21, 2017. Repairs required several days to complete.



Damaged Construction Screening

## **Vis-3 Construction Screening Repairs**



Screening following repairs.

# Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified February 23, 2017. Repairs required several days to complete.



Damaged Construction Screening

## **Vis-3 Construction Screening Repairs**



Screening following repairs.

## Appendix K

### Worker Safety



[illegible]



[illegible]

L. Moebl.

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

[illegible]

## AES Huntington Beach Energy Project

[illegible]

## AES Huntington Beach Energy Project

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

[illegible]

## EHS - All Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

3/2/2017

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-0178	Environmental	01/25/17 Storm Water Management	AES	Joed Cook	Positive Observation	Other	Medium	Closed	2/1/2017	2/1/2017	Wattle barriers used to detain surface runoff, filter sediment runoff and protect storm drains. Wattles secured in place with wooden posts, that were spray painted florescent orange to prevent trip hazards		0
SO-0179	Safety	01/26/17 Boom Lift Removal	AES	Joed Cook	Positive Observation	Use and Inspection of Tools	Medium	Closed	2/1/2017	2/1/2017	Worker moving boom lift to be removed from site. A work zone inspection, pre-start inspection and operations check function test was done before moving the lift. Proper access and egress were observed, as well as worker wearing the personal fall arrest system.		0
SO-0180	Environmental	01/27/17 Dust Control	AES	Joed Cook	Positive Observation	Dust Control	Medium	Closed	2/1/2017	2/1/2017	Water truck on site to help suppress dust. Spotter with truck at all times to prevent struck by hazards.		0
SO-0181	Safety	01/30/17 Clean up of Scaffold Yard	AES	Joed Cook	Positive Observation	Job Safety Analysis and Pre-Job Briefing	Medium	Closed	2/1/2017	2/1/2017	Before starting work at the NW corner of the plant (The scaffold yard) a job hazard analysis was filled out and a walk through of the area was completed with all personal involved. Air testing was performed before work began, with all reading in the normal range. All workers wearing proper personal protective equipment.		0
SO-0182	Safety	01/31/17 Demolition of West Berm	AES	Joed Cook	Positive Observation	Work Place Access Control	Medium	Closed	2/1/2017	2/1/2017	Barricades, delineators and danger tape put up around heavy equipment and demolition area. Demolition signs posted throughout site. All heavy equipment operators wearing seat belts and all required personal protective equipment.		0
SO-0183	Safety	02/01/17 Removal of Concrete Panels	AES	Joed Cook	Positive Observation	Work Place Access Control	High	Closed	2/2/2017	2/2/2017	Barricades up in all direction leading toward where panels are being removed. Signs posted "Open Hole" and "Danger". All workers on the ground clear of equipment to prevent a struck by hazard.		0
SO-0184	Safety	02/02/17 Atmospheric Testing	AES	Joed Cook	Positive Observation	Confined Space	Medium	Closed	2/3/2017	2/3/2017	Atmosphere testing was done at the start of shift and coming back from lunch and breaks. Testing was done at several different depths. All results in the normal range. A ladder was also placed in the confined space for egress as required by OSHA regulation if a trench is deeper than 4'. This was not a "permit required" confined space.		0
SO-0185	Safety	02/07/17 Cutting Generator Rotor.	AES	Joed Cook	Positive Observation	Personal Protective Equipment and Usage	Medium	Closed	2/13/2017	2/13/2017	While torch cutting on the generator rotor, all personal wearing proper personal protective equipment; including respirators and welding masks. Fans were also used to blow smoke away from workers as well as a water hoses to cut down smoke in the air.		0
SO-0186	Safety	02/08/17 Housekeeping After Rain	AES	Joed Cook	Positive Observation	Housekeeping	Low	Closed	2/14/2017	2/14/2017	Clean up of dirt and debris after rain. New wattles put in place. Gravel and rock put down to prevent future dirt run off.		0
SO-0187	Safety	02/13/17 Inspection on Pump	AES	Joed Cook	Positive Observation	Use and Inspection of Tools	Medium	Closed	2/16/2017	2/16/2017	Full inspection completed on new equipment brought on site. An inspection of inside motor and all functional parts was completed upon arrival of new pump. All components found to be in good working order and functioning properly.		0
SO-0188	Environmental	02/15/17 Noise Audit on Pump	AES	Joed Cook	Audit Finding	Noise Exposure	Medium	Closed	2/16/2017	2/16/2017	Sound meter next to pump registered from 73 to 78 decibels. Within OSHA acceptable range for workers to work without hearing protection.		0
SO-0189	Safety	02/16/17 Drainage of Rain Water	AES	Joed Cook	Positive Observation	Housekeeping	Low	Closed	2/21/2017	2/21/2017	Pumping out the accumulation of rain water in the under crossing, where the fuel supply pipes were once housed. All water was pumped out and drained.		0
SO-0190	Safety	02/21/17 Erection of Scaffold	AES	Joed Cook	Positive Observation	Scaffolding	Medium	Closed	2/23/2017	2/23/2017	Scaffold erection on the east side of the site, was done in accordance with all Federal and State regulations. All workers went through orientation and wore all required personal protective equipment. The scaffold was for permit requirements only, not for gaining height of workers..		0
SO-0191	Safety	02/22/17 Monthly Toolbox Mtg.	AES	Joed Cook	Positive Observation	Emergency Preparedness	Medium	Closed	2/23/2017	2/23/2017	Monthly toolbox meeting on emergency procedures, first aid and CPR.		0
SO-0192	Safety	02/23/17 Tagout of Defective Equipment	AES	Joed Cook	Positive Observation	Workplace Signage	Medium	Closed	2/27/2017	2/27/2017	A defective hose was taken out of service and tagged out as, "defective" and "do not use".		0

SO-0193	Safety	02/24/17 Safety Meeting on Barriers.	AES	Joed Cook	Positive Observator	Protective System/Barriers/Guarding	Medium	Closed	2/27/2017	2/27/2017	Safety talk on different barriers and guards, what different colors and signal words mean. Everyone will respect all areas marked by a delineator or barricade tape.	0
SO-0194	Safety	02/27/17 Control of Hazardous Material	AES	Joed Cook	Positive Observator	Hazardous Material Control	High	Closed	2/28/2017	2/28/2017	Argus following all Federal and State regulation while performing asbestos abatement and sampling. All other workers in the area where notified and kept 30' from any abatement work.	0

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# Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: March 10, 2017

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



Location: Unit 1 and 2 Control Room



## Worker Safety - 5



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



Location: Maintenance Building

## Appendix L

### Changes to Conditions of Certifications



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

tel 562 493 7891  
fax 562 493 7320

April 27, 2016

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

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

Dear Mr. Veerkamp;

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

Sincerely,

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

Attachments

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

## Sene Viola

---

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

Good Morning Sene,

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

Let me know if you have any questions.

Eric W. Veerkamp  
Compliance Project Manager  
California Energy Commission  
1516 9<sup>th</sup> Street, MS 2000  
Sacramento, CA. 95814  
916-654-4295  
[eric.veerkamp@energy.ca.gov](mailto: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

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**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 9<sup>th</sup> Street, MS 2000  
Sacramento, CA. 95814  
916-654-4295  
[eric.veerkamp@energy.ca.gov](mailto: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

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**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 9<sup>th</sup> Street, MS 2000  
Sacramento, CA. 95814  
916-654-4295  
[eric.veerkamp@energy.ca.gov](mailto: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](mailto: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 6<sup>th</sup> (first survey) at 9am, and June 17<sup>th</sup> (second survey) at 9am.

Melissa Fowler and Gary Santolo will conduct the habitat assessment on June 10<sup>th</sup> 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

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**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 9<sup>th</sup> Street, MS 2000  
Sacramento, CA. 95814  
916-654-4295  
[eric.veerkamp@energy.ca.gov](mailto:eric.veerkamp@energy.ca.gov)

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**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 6<sup>th</sup>.

Please give me a call if you have any questions.

Thank you,

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

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

Please give me a call if you have any questions.

Best regards,

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

## Appendix M

### Filings/Permits

APPENDIX INTENTIONALLY LEFT BLANK

Appendix N  
Complaints, Notices of Violations,  
Warnings and Citations

Project  
Owner's Scope Hotline Call Log  
February 2017

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*

No Hotline calls in February 2017

\*Responders listed by initials:

SK: Sophia Kollias  
JW: Josh Wynia  
EKR: Emily Riveramelo