

## DOCKETED

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| <b>Docket Number:</b>   | 12-AFC-02C   |
| <b>Project Title:</b>   | Huntington Beach Energy Project - Compliance   |
| <b>TN #:</b>            | 215663   |
| <b>Document Title:</b>  | COM-6, HBEP Monthly Compliance Report (MCR) for December 2016                            |
| <b>Description:</b>     | Monthly Compliance Report (MCR) for Huntington Beach (HBEP) Demolition for December 2016 |
| <b>Filer:</b>           | Eric Veerkamp  |
| <b>Organization:</b>    | AES Huntington Beach Energy, LLC   |
| <b>Submitter Role:</b>  | Applicant  |
| <b>Submission Date:</b> | 1/30/2017 11:38:34 AM  |
| <b>Docketed Date:</b>   | 1/30/2017  |

January 16, 2016

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

Subject:           Huntington Beach Energy Project  
                      Docket No. 12-AFC-02C  
                      Monthly Compliance Report – 008 December 2016, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 008 for the Huntington Beach Energy Project for the month of December 2016, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

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

Joshua Wynia  
Project Director

Enclosure

cc:       Project File

REPORT

# Huntington Beach Energy Project Monthly Compliance Report – 008

Report Period: December 2016

*Prepared by:*

AES Huntington Beach Energy, LLC

*Submitted to:*

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

January 16, 2017



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# List of Active Conditions December 2016

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

# Acronyms and Abbreviations

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

# 1.0 Current Project Construction Status

The following section summarizes the current construction status for the Huntington Beach Energy Project (HBEP or project). The demolition contractor, GSD, continues demolition on the peaker building. The remaining walls and foundations were demolished and the generator was rolled away from the remaining foundation for disassembly. Throughout the month, steel components from the generator and expanders were processed for recycling (21 trucks removed 182 tons of scrap steel).

Concrete debris from the peaker building was processed and separated in preparation for recycling. Concrete debris was removed from site over a 3 days period December 13 - 15, 2016. Approximately 1260 cubic yards of concrete debris was sent to Ewles Material for recycling.

On December 7, 2016 an agreement was completed between AES and Plains All American to remove the section of 16" and 24" fuel oil piping that transverses the east fuel oil tank berm. GSD began removing insulation from the pipeline on December 8, 2016.

The project was shut down for the holiday break from December 23, 2016 until January 3, 2017. No onsite work was completed during this time.

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

## 2.0 Construction Activities

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

- GSD completed demolition of the concert structures of the peaker building. All of the remaining walls and foundations removed to grade level
- Concrete debris was processed and separated in preparation for removal from site.
- Peaker generator was disassembled to facilitate asbestos sampling of the generator winding and rotor. A limited amount of asbestos containing material was identified in a couple gaskets on the generator and insulated spacers on the generator rotor.
- Expanders from the peaker building were flame cut into manageable pieces for scarp transportation.
- Insulation removal began on the 16" and 24" Plains All American pipelines.
- Concrete debris was removed from site.
- Site cleanup and staging was completed in preparation for the holiday break. The project was shut down on December 23, 2016 until January 3, 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 | AES-HBEP-12-AFC-02-STRUC-1 -Construction Screening Scaffolding Design Memo Response 1 | 12/8/16        |

## 4.0 Required Documents Submitted with this Report

### 4.1 Air Quality

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

#### 4.1.1 AQ-SC3 Construction Fugitive Dust Control

AQ-SC3 requires a number of control measures to mitigate fugitive dust created by project construction activities. AQ-SC3 also requires that the Monthly Compliance Report (MCR) include the following:

- A summary of all actions taken to maintain compliance with this condition;
- Copies of any air quality-related complaints filed with the South Coast Air Quality Management District (SCAQMD or District) or facility representatives in relation to project construction; and
- Any other documentation deemed necessary by the CPM and Air Quality Construction Mitigation Manager (AQ-CMM) to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.

During construction in December 2016, fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing and demolition activities. Signs have been posted at the entrance to the construction site limiting vehicle

speeds to 10 miles per hour. In addition, existing speed limit signs throughout the facility limit vehicle speeds to 12 miles per hour on paved roads. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day. The daily field checklists for fugitive dust are provided in Appendix E and summarized in Table 4-1 below. No air quality-related complaints were received during this reporting period.

**Table 4-1. Fugitive Dust Control Measures**

*AQ-SC3*

| <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   |

Table 4-1. Fugitive Dust Control Measures

AQ-SC3

| Implementation Measure   | Out of Compliance Trigger   | In Compliance Trigger <sup>a</sup>                                    | Results During Compliance Period |
|--|---|---|----------------------------------|
| Soil Storage Piles and Disturbed Areas Inactive for More Than 10 Days Are Covered or Treated         | No – Dust Plumes Originating from Storage Piles and Disturbed Areas | Yes - No Dust Plumes from Storage Piles and Disturbed Areas           | Yes – In Compliance              |
| Bulk Material Transport Offsite is Covered or Treated and Loaded With at Least Two Feet of Freeboard | No – Visible Emissions from Bulk Material Transport                 | Yes – No Visible Emissions from Bulk Material Transport               | Yes – In Compliance.             |
| Wind Erosion Control Techniques used for Disturbed, Unstabilized Construction Areas                  | No – Visible Dust from Disturbed, Unstabilized Construction Areas   | Yes – No Visible Dust from Disturbed, Unstabilized Construction Areas | Yes – In Compliance              |

<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 December 2016. Therefore, no additional dust control measures listed in AQ-SC4 were necessary. No air quality-related complaints were received during this reporting period.

#### 4.1.3 AQ-SC5 Diesel-Fueled Engine Control

AQ-SC5 requires that all off-road diesel construction equipment used on the project be powered by the cleanest engines available that also comply with California's Air Resources Board's (CARB) Regulation for In-Use Off-Road Diesel Fleets. AQ-SC5 requires that the MCR include the following:

- A summary of all actions taken to control diesel construction related emissions;
- A list of all heavy equipment used on site during that month, showing the tier level of each engine and the basis for alternative compliance with this condition for each engine not meeting Part "b" or Part "c" requirements. The list shall include the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained; and

- Any other documentation deemed necessary by the CPM and AQCM 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 December 2016 and tagged to indicate compliance with AQ-SC5:

- Volvo EC480EL Excavator
- Takeuchi TL10CR Skid Steer Loader
- Genie Z-60/34 Articulating Boom
- Case 590SN Backhoe

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

#### 4.1.4 AQ-SC6 Construction Particulate Matter Mitigation Plan

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

Street sweeping was completed by Nationwide Environmental on December 24, 2016. Records documenting sweeping activities are included in Appendix E.

### 4.2 Worker Environmental Awareness Program Training

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

The HBEP Designated Biologist provided on-site WEAP training on May 11, 2016, and subsequent training has been administered via electronic media. Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period. Five workers received training during this reporting period. A total of 164 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. Five workers received training during this reporting period. A total of 164 workers have received WEAP training for the project.

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

#### 4.4.2 CUL-6 Undiscovered Cultural Resources

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

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

### 4.5 Paleontological Resources

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

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

### 4.6 Worker Safety

#### 4.6.1 WORKER SAFETY-3 Construction Safety Supervisor

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

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

##### 4.6.1.1 Safety Training

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

##### 4.6.1.2 Safety Management Actions and Safety Incidents

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

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

#### 4.6.1.3 Continuing or Unresolved Situations

- None to report.

#### 4.6.1.4 First Aid or Recordable Injuries

- None to report.

### 4.6.2 WORKER SAFETY-5 Automatic External Defibrillator

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

## 4.7 Visual Resources

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

# 5.0 Compliance Requirements Completed During the Reporting Period

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

Table 5-1. Compliance Submittals During the Reporting Period

| COC    | Description                                 | Date Submitted | CEC Approval Date | Status           |
|--------|---|----------------|-------------------|------------------|
| AQ-SC1 | AQCMM Alternate Jeff McClarty               | 11/14/16       | 12/2/16           | Approved         |
| VIS-3  | Construction Screening Scaffolding Addendum | 12/13/16       |                   | Pending Approval |

# 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, AES is proposing to use the 12' screening that uses scaffolding which would be a less intrusive and lower cost approach.

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

Due to the Limited Notice to Proceed (LNTN) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTN activities. The LNTN 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 LNTN activities approved by the CEC, AES proposed an amended WORKER SAFETY-1 submittal to specifically address the activities being performed under LNTN 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 LNTN 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.

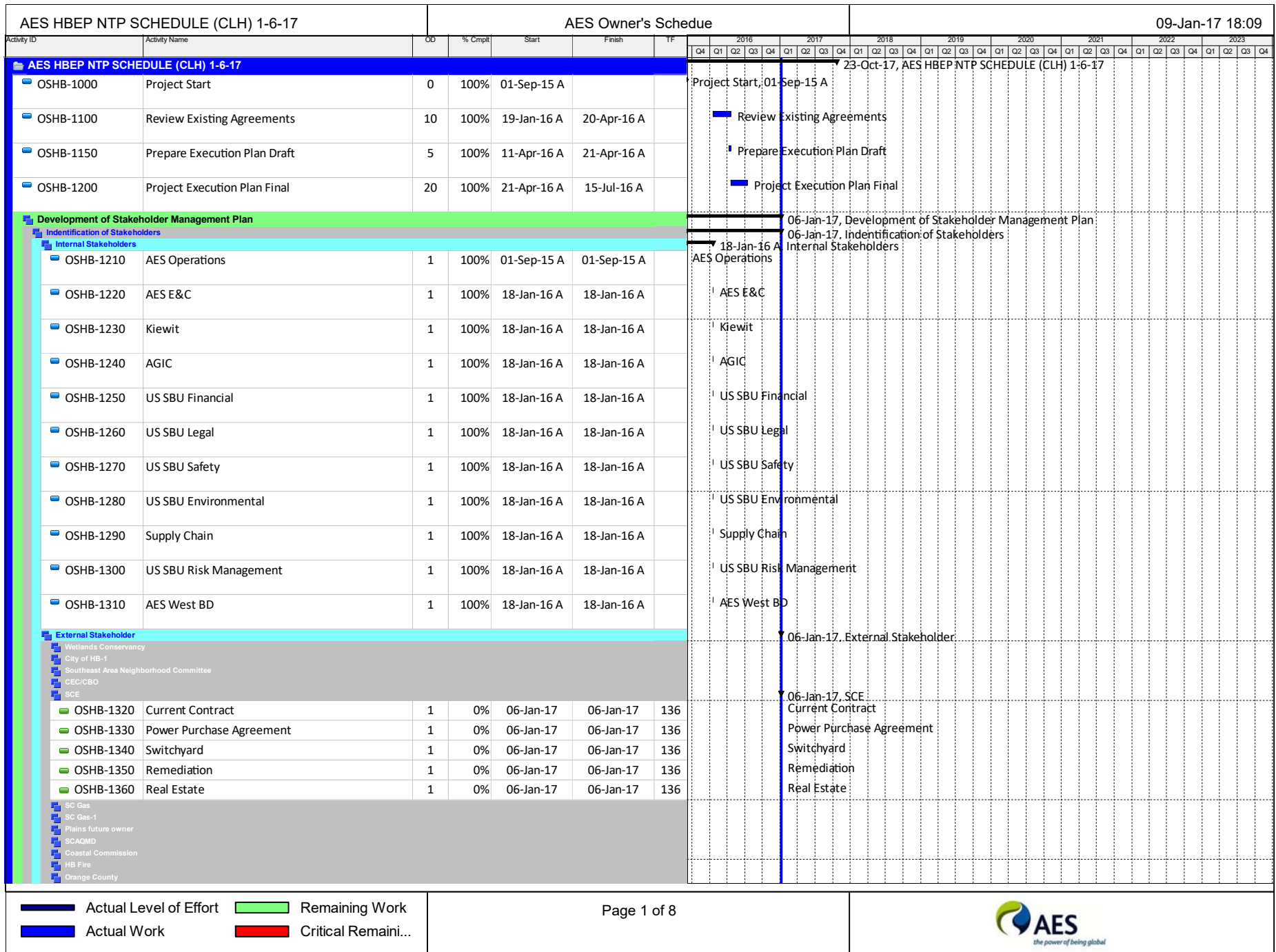
## 9.0 Complaints, Notices of Violations, Warnings and Citations

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 LNTP. The hotline was activated on June 1, 2016, and since has received 32 calls with no complaints received. The hotline did not receive any calls in the month of December 2016. Call log is included in Appendix N.

# Appendix A

## Construction Schedule



| AES HBEF NTP SCHEDULE (CLH) 1-6-17         |  |    |        |             |             | AES Owner's Schedule |      |    |    |    |      |    |    |    |      |    |    | 09-Jan-17 18:09 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
|--|--|----|--------|-------------|-------------|----------------------|------|----|----|----|------|----|----|----|------|----|----|-----------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|
| Activity ID                                | Activity Name  | OD | % Cmpl | Start       | Finish      | TF                   | 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   |  |  |  |
|  | <div><div><div>Caltrans</div><div>Intervenor's Locals, CEC personnel</div><div>Chamber of Commerce</div><div>Huntington by the Sea</div><div>Unions</div><div>Local elected officials</div><div>DTSC</div><div>Mills Land &amp; Water Co (Newland Parking Lot)</div><div>ASCON (landfill site)</div></div></div> |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
|  | <div><div><div>Prepare and Submit NTP COC Submittals</div></div></div>   |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1580</div></div></div> | Submit PAL-4 to CEC  | 2  | 100%   | 09-Mar-15 A | 09-Mar-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1450</div></div></div> | Submit CUL-2 to CEC  | 1  | 100%   | 17-Sep-15 A | 17-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1370</div></div></div> | Submit AQ-SC1 to CEC   | 7  | 100%   | 18-Sep-15 A | 01-Apr-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1400</div></div></div> | Submit BIO-1 to CEC  | 7  | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1410</div></div></div> | Submit BIO-3 to CEC  | 7  | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1440</div></div></div> | Submit CUL-1 to CEC  | 1  | 100%   | 18-Sep-15 A | 22-Apr-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1490</div></div></div> | Submit CUL-7 to CEC  | 1  | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1510</div></div></div> | Submit HAZ-7 to CEC  | 7  | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1540</div></div></div> | Submit NOISE-6 to CEC  | 1  | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1550</div></div></div> | Submit PAL-1 to CEC  | 22 | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1560</div></div></div> | Submit PAL-2 to CEC  | 22 | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1630</div></div></div> | Submit WORKER SAFETY-4 to CEC  | 16 | 100%   | 18-Sep-15 A | 18-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1455</div></div></div> | Approve CUL-2 to CEC   | 5  | 100%   | 18-Sep-15 A | 30-Jun-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1495</div></div></div> | Approve CUL-7 to CEC   | 5  | 100%   | 18-Sep-15 A | 30-Jun-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1515</div></div></div> | Approve HAZ-7 to CEC   | 5  | 100%   | 18-Sep-15 A | 28-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1405</div></div></div> | Approve BIO-1 to CEC   | 5  | 100%   | 19-Sep-15 A | 28-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1415</div></div></div> | Approve BIO-3 to CEC   | 5  | 100%   | 19-Sep-15 A | 28-Sep-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1545</div></div></div> | Approve NOISE-6 to CEC   | 5  | 100%   | 21-Sep-15 A | 15-Mar-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1555</div></div></div> | Approve PAL-1 to CEC   | 5  | 100%   | 21-Sep-15 A | 19-Oct-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <div><div><div>OSHB-1565</div></div></div> | Approve PAL-2 to CEC   | 5  | 100%   | 21-Sep-15 A | 19-Oct-15 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |

Actual Level of Effort

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| AES HBEP NTP SCHEDULE (CLH) 1-6-17 |   |    | AES Owner's Schedule |             |             |    |      |    |    | 09-Jan-17 18:09 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
|------------------------------------|---|----|----------------------|-------------|-------------|----|------|----|----|-----------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|----|
| Activity ID                        | Activity Name                                       | OD | % Cmpl               | Start       | Finish      | TF | 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 |
| OSHB-1635                          | Approve WORKER SAFETY-4 to CEC (HB Fire Department) | 5  | 100%                 | 21-Sep-15 A | 09-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1470                          | Submit CUL-5 to CEC                                 | 1  | 100%                 | 02-Oct-15 A | 03-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1480                          | Submit CUL-6 to CEC                                 | 19 | 100%                 | 02-Oct-15 A | 02-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1620                          | Submit WORKER SAFETY-3 to CEC                       | 16 | 100%                 | 02-Oct-15 A | 02-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1640                          | Submit WORKER SAFETY-5 to CEC                       | 16 | 100%                 | 02-Oct-15 A | 02-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1485                          | Approve CUL-6 to CEC                                | 5  | 100%                 | 03-Oct-15 A | 28-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1645                          | Approve WORKER SAFETY-5 to CEC                      | 5  | 100%                 | 03-Oct-15 A | 27-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1475                          | Approve CUL-5 to CEC                                | 5  | 100%                 | 05-Oct-15 A | 28-Jun-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1625                          | Approve WORKER SAFETY-3 to CEC                      | 5  | 100%                 | 05-Oct-15 A | 27-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1380                          | Submit AQ-SC2 to CEC                                | 1  | 100%                 | 08-Oct-15 A | 08-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1390                          | Submit AQ-SC6 to CEC                                | 1  | 100%                 | 08-Oct-15 A | 08-Oct-15 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1385                          | Approve AQ-SC2 to CEC                               | 5  | 100%                 | 09-Oct-15 A | 15-Mar-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1395                          | Approve AQ-SC6 to CEC                               | 5  | 100%                 | 09-Oct-15 A | 15-Mar-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1420                          | Submit BIO-5 to CEC                                 | 45 | 100%                 | 11-Jan-16 A | 11-Jan-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1430                          | Submit BIO-6 to CEC                                 | 45 | 100%                 | 11-Jan-16 A | 11-Jan-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1425                          | Approve BIO-5 to CEC                                | 5  | 100%                 | 12-Jan-16 A | 20-Apr-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1435                          | Approve BIO-6 to CEC                                | 5  | 100%                 | 12-Jan-16 A | 20-Apr-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1460                          | Submit CUL-3 to CEC                                 | 30 | 100%                 | 04-Mar-16 A | 04-Mar-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1570                          | Submit PAL-3 to CEC                                 | 30 | 100%                 | 09-Mar-16 A | 09-Mar-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1575                          | Approve PAL-3 to CEC                                | 5  | 100%                 | 09-Mar-16 A | 04-Apr-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1465                          | Approve CUL-3 to CEC                                | 97 | 100%                 | 10-Mar-16 A | 03-Aug-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1585                          | Approve PAL-4 to CEC                                | 5  | 100%                 | 10-Mar-16 A | 04-Apr-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1600                          | Submit WASTE-5 to CEC                               | 30 | 100%                 | 25-Mar-16 A | 25-Mar-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-1605                          | Approve WASTE-5 to CEC                              | 5  | 100%                 | 28-Mar-16 A | 07-Apr-16 A |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |


Actual Level of Effort

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Actual Work





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| AES HBEP NTP SCHEDULE (CLH) 1-6-17   |   |     | AES Owner's Schedule |             |             |             |   |    |    |    |      |    | 09-Jan-17 18:09 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
|--------------------------------------|---|-----|----------------------|-------------|-------------|-------------|---|----|----|----|------|----|-----------------|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|----|--|
| Activity ID                          | Activity Name   | DD  | % Cmpl               | Start       | Finish      | TF          | 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 |  |
| OSHB-1590                            | Submit WASTE-3 to CEC                                       | 28  | 100%                 | 01-Apr-16 A | 01-Apr-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1610                            | Submit WORKER SAFETY-1 to CEC (HB Fire Department)          | 30  | 100%                 | 01-Apr-16 A | 27-Jul-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1375                            | Approve AQ-SC1 to CEC                                       | 5   | 100%                 | 01-Apr-16 A | 05-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1595                            | Approve WASTE-3 to CEC                                      | 5   | 100%                 | 04-Apr-16 A | 07-Apr-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1615                            | Approve WORKER SAFETY-1 to CEC (HB Fire Department)         | 70  | 100%                 | 04-Apr-16 A | 24-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1655                            | Approve GEN-2 to CBO Master List of LNTP CBO Submittals     | 5   | 100%                 | 05-Apr-16 A | 17-May-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1650                            | Submit GEN-2 to CBO Master List of NTP CBO Submittals       | 30  | 100%                 | 24-Apr-16 A | 24-Apr-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1445                            | Approve CUL-1 to CEC  | 49  | 100%                 | 25-Apr-16 A | 30-Jun-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1500                            | Submit GEO-2 to CEC   | 60  | 100%                 | 16-May-16 A | 16-May-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1505                            | Approve GEO-2 to CEC  | 5   | 100%                 | 17-May-16 A | 29-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1520                            | Submit NOISE-1 to CEC                                       | 15  | 100%                 | 20-May-16 A | 20-May-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1525                            | Approve NOISE-1 to CEC                                      | 5   | 100%                 | 23-May-16 A | 15-Jul-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1530                            | Submit NOISE-3 to CEC                                       | 30  | 100%                 | 27-Jun-16 A | 27-Jun-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1535                            | Approve NOISE-3 to CEC                                      | 5   | 100%                 | 28-Jun-16 A | 13-Jul-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Utility Construction Risk Management |   |     |                      |             |             |             | 30-Aug-16 A, Utility Construction Risk Management |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Above Grade                          |   |     |                      |             |             |             | 30-Aug-16 A, Above Grade                          |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1660                            | Develop Above Grade Utility Termination Identification Plan | 20  | 100%                 | 20-Apr-16 A | 12-Jul-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1680                            | Clean/Cut/Cap Existing Utility Clearance Tanks - AG         | 42  | 100%                 | 30-Jun-16 A | 26-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1690                            | Clean/Cut/Cap Existing Utility Clearance Peak Bldg - AG     | 48  | 100%                 | 30-Jun-16 A | 26-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1670                            | Access Interior Tanks and Investigate (Cleaning)            | 38  | 100%                 | 13-Jul-16 A | 30-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Underground                          |   |     |                      |             |             |             | 23-Aug-16 A, Underground                          |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1700                            | Develop Underground Utility Termination Identification Plan | 160 | 100%                 | 01-Feb-16 A | 19-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1710                            | Clean/Cut/Cap Existing Utility Clearance All - UG           | 20  | 100%                 | 12-Aug-16 A | 23-Aug-16 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Environmental Assessment             |   |     |                      |             |             |             | 17-Feb-17, Environmental Assessment               |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Asbestos and Lead Paint Surveys      |   |     |                      |             |             |             | 30-Nov-15 A, Asbestos and Lead Paint Surveys      |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1720                            | Site Field Work   | 7   | 100%                 | 14-Sep-15 A | 22-Sep-15 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| OSHB-1730                            | Development and Review of Survey Document                   | 31  | 100%                 | 19-Oct-15 A | 30-Nov-15 A |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Actual Level of Effort               |   |     | Remaining Work       |             |             | Page 4 of 8 |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |
| Actual Work                          |   |     | Critical Remaini...  |             |             |             |   |    |    |    |      |    |                 |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |  |

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

| AES HBEP NTP SCHEDULE (CLH) 1-6-17    |  |     |        |             |             | AES Owner's Schedule |  |    |    |    |      |    |    |    |      |    |    | 09-Jan-17 18:09 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
|---------------------------------------|--|-----|--------|-------------|-------------|----------------------|--|----|----|----|------|----|----|----|------|----|----|-----------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|
| Activity ID                           | Activity Name  | OD  | % Cmpl | Start       | Finish      | TF                   | 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   |  |  |  |
| <b>Soil Sampling &amp; HRA</b>        |  |     |        |             |             |                      | <b>28-Jun-16 A: Soil Sampling &amp; HRA</b>          |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1740                             | SCE Approval of Sampling Plan on Triangle Land       | 5   | 100%   | 04-Jan-16 A | 19-Jan-16 A |                      | SCE Approval of Sampling Plan on Triangle Land       |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1750                             | Initial Soil Sampling Work                           | 60  | 100%   | 11-Jan-16 A | 12-Feb-16 A |                      | Initial Soil Sampling Work                           |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1760                             | *DRAFT* Site Characterization Field Work and Report  | 40  | 100%   | 12-Jan-16 A | 22-Feb-16 A |                      | *DRAFT* Site Characterization Field Work and Report  |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1770                             | No Remediation required                              | 90  | 100%   | 09-May-16 A | 13-May-16 A |                      | No Remediation required                              |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1755                             | Return for Additional Soil Sample                    | 5   | 100%   | 09-May-16 A | 13-May-16 A |                      | Return for Additional Soil Sample                    |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1765                             | *FINAL* Site Characterization Field Work and Report  | 31  | 100%   | 09-May-16 A | 13-May-16 A |                      | *FINAL* Site Characterization Field Work and Report  |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1780                             | Submit WASTE-1 to CEC                                | 45  | 100%   | 28-Jun-16 A | 28-Jun-16 A |                      | Submit WASTE-1 to CEC                                |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <b>Geotechnical Analysis</b>          |  |     |        |             |             |                      | <b>22-Jun-16 A: Geotechnical Analysis</b>            |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1790                             | Meet with Kiewit and confirm schedule                | 1   | 100%   | 27-Jan-16 A | 27-Jan-16 A |                      | Meet with Kiewit and confirm schedule                |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1800                             | Complete geotechnical work plan                      | 40  | 100%   | 28-Jan-16 A | 23-Mar-16 A |                      | Complete geotechnical work plan                      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1810                             | Conduct Site Survey / Mobilize                       | 3   | 100%   | 21-Mar-16 A | 23-Mar-16 A |                      | Conduct Site Survey / Mobilize                       |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1820                             | Geotech Field Work                                   | 15  | 100%   | 23-Mar-16 A | 01-Apr-16 A |                      | Geotech Field Work                                   |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1805                             | Geotech Work Plan to CBO (FOR INFORMATION ONLY)      | 1   | 100%   | 25-Mar-16 A | 25-Mar-16 A |                      | Geotech Work Plan to CBO (FOR INFORMATION ONLY)      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1830                             | Complete geotech report                              | 30  | 100%   | 04-Apr-16 A | 22-Jun-16 A |                      | Complete geotech report                              |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1840                             | No Contamination Found / HRA not Required            | 7   | 100%   | 10-Jun-16 A | 10-Jun-16 A |                      | No Contamination Found / HRA not Required            |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <b>NPDES Requirements</b>             |  |     |        |             |             |                      | <b>15-Jul-16 A: NPDES Requirements</b>               |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1860                             | Development of Construction SWPPP                    | 25  | 100%   | 07-Apr-16 A | 28-Apr-16 A |                      | Development of Construction SWPPP                    |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1870                             | SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND COMMENT) | 11  | 100%   | 29-Apr-16 A | 07-Jun-16 A |                      | SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW AND COMMENT) |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1880                             | Submit SOIL&WATER-1 to CEC                           | 20  | 100%   | 29-Apr-16 A | 06-Jun-16 A |                      | Submit SOIL&WATER-1 to CEC                           |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1885                             | Approve Soil & Water and SWPPP                       | 15  | 100%   | 07-Jun-16 A | 15-Jul-16 A |                      | Approve Soil & Water and SWPPP                       |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <b>Temporary Utilities - Trailers</b> |  |     |        |             |             |                      | <b>23-Sep-16 A: Temporary Utilities - Trailers</b>   |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1890                             | ID Locations   | 15  | 100%   | 20-Apr-16 A | 10-May-16 A |                      | ID Locations   |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| <b>Service Agreements</b>             |  |     |        |             |             |                      | <b>23-Sep-16 A: Service Agreements</b>               |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1900                             | SCE 220V/480V Supply                                 | 120 | 100%   | 11-May-16 A | 23-Sep-16 A |                      | SCE 220V/480V Supply                                 |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1910                             | Internet   | 90  | 100%   | 11-May-16 A | 23-Sep-16 A |                      | Internet   |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1920                             | Phones   | 90  | 100%   | 11-May-16 A | 23-Sep-16 A |                      | Phones   |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |


Actual Level of Effort





Actual Work

Remaining Work

Critical Remaini...

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

| AES HBEP NTP SCHEDULE (CLH) 1-6-17                                 |  |    |        |             |             | AES Owner's Schedule |      |    |    |    |      |    |    |    |      |    |    | 09-Jan-17 18:09 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
|--|--|----|--------|-------------|-------------|----------------------|------|----|----|----|------|----|----|----|------|----|----|-----------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|
| Activity ID  | Activity Name  | OD | % Cmpl | Start       | Finish      | TF                   | 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-1930  | Water  | 90 | 100%   | 11-May-16 A | 14-Sep-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1940  | Sewage   | 20 | 100%   | 11-May-16 A | 08-Jun-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Asbestos and Lead Paint Abatement Admin Work                       |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1950  | Develop Abatement Technical Specs                              | 5  | 100%   | 01-Feb-16 A | 05-Feb-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1960  | Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION ONLY) | 2  | 100%   | 08-Feb-16 A | 09-Feb-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1970  | Bid and Award Asbestos and LP Abatement Contractor             | 8  | 100%   | 14-Mar-16 A | 23-Mar-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1980  | Submit WASTE-2 form to AQMD and CEC                            | 10 | 100%   | 31-Mar-16 A | 14-Apr-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-1990  | Complete SCAQMD Notification form - Rule 1403                  | 10 | 100%   | 31-Mar-16 A | 14-Apr-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2000  | Develop Specification for Work                                 | 10 | 100%   | 16-Nov-15 A | 06-May-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2010  | Bid and Award Contract - Procurement                           | 10 | 100%   | 29-Apr-16 A | 27-Jun-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2020  | Pig and Cap Oil Lines  | 27 | 100%   | 25-Jul-16 A | 19-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2030  | Development of Summary Report                                  | 5  | 0%     | 10-Feb-17   | 17-Feb-17   | 107                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Field Lead and Asbestos Abatement Work                             |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Peaker Building, Fuel Tanks  |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2040  | Field Mobilization   | 3  | 100%   | 02-May-16 A | 11-May-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2050  | Field Abatement Work   | 30 | 100%   | 12-May-16 A | 08-Jul-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| AES and Plain Abandoned Oil Lines and Appurtenances                |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2060  | Field Abatement Work   | 27 | 100%   | 25-Jul-16 A | 19-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2070  | Notify AQMD/CEC of Abatement Completion                        | 0  | 100%   |             | 19-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| NTP (Prep & Execution)   |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2080  | CEC Issuance of LNTP   | 0  | 100%   | 10-Aug-16 A |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2090  | LNTP Scope Completion  | 0  | 0%     |             | 11-Oct-17*  | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Office Trailers  |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2100  | CBO Trailer Established  | 5  | 100%   | 01-Sep-16 A | 14-Sep-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2110  | AES Trailer  | 3  | 100%   | 01-Sep-16 A | 14-Sep-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Construction Fencing   |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2120  | Submit VIS-3 to CEC (LNTP)                                     | 60 | 100%   | 21-Mar-16 A | 03-May-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| OSHB-2150  | Install 8' Fence Screening Material                            | 5  | 100%   | 03-May-16 A | 13-May-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Demolition   |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |
| Demolition - Administrative Work                                   |  |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |  |  |  |


Actual Level of Effort

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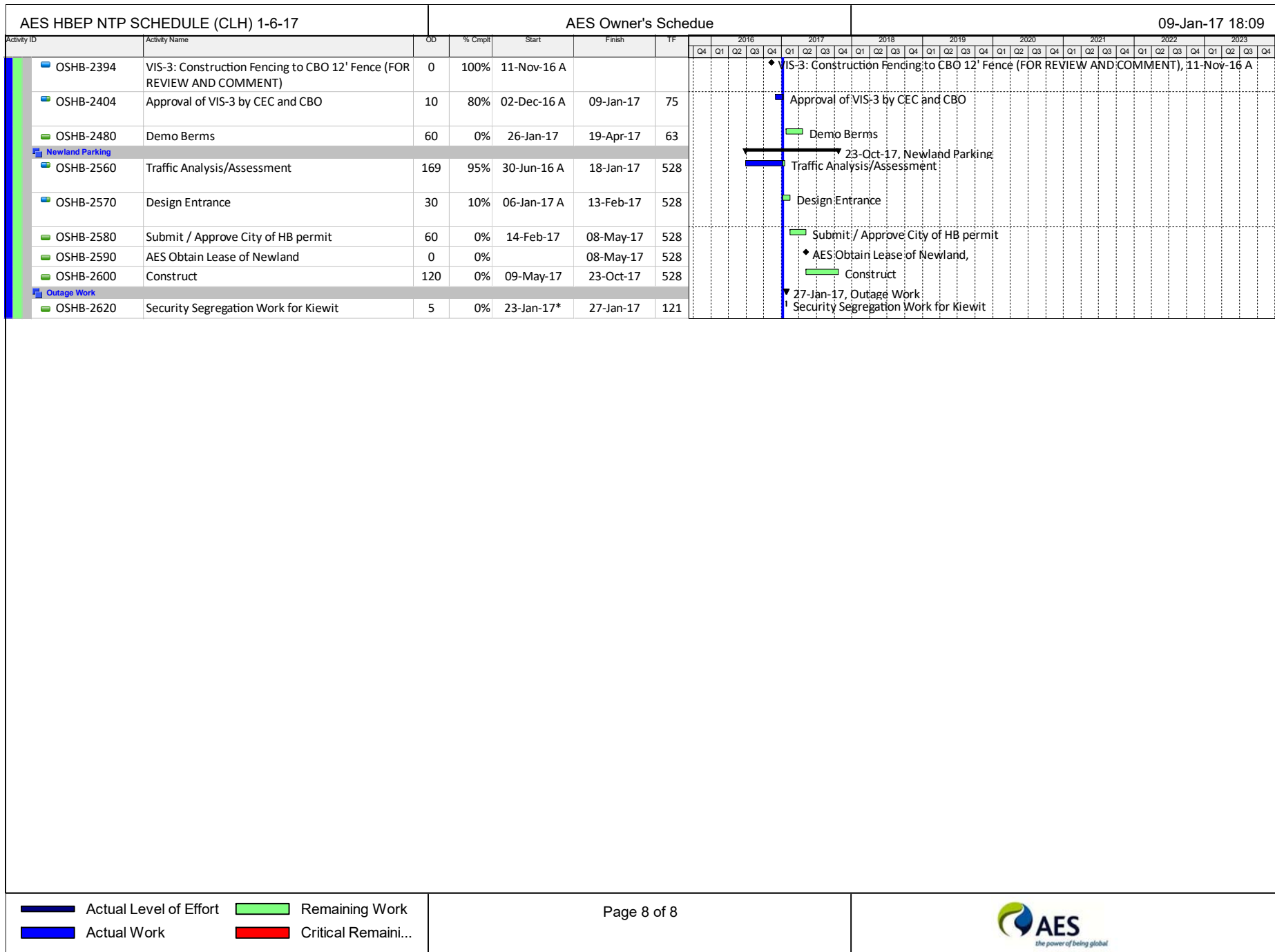
AES  
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Actual Level of Effort
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| AES HBEP NTP SCHEDULE (CLH) 1-6-17         |   |    |        |             |             | AES Owner's Schedule |      |    |    |    |      |    |    |    |      |    |    | 09-Jan-17 18:09 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
|--|---|----|--------|-------------|-------------|----------------------|------|----|----|----|------|----|----|----|------|----|----|-----------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|----|
| Activity ID                                | Activity Name   | OD | % Cmpl | Start       | Finish      | TF                   | 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 |
| OSHB-2160                                  | Complete Demolition Specification                             | 30 | 100%   | 20-Apr-16 A | 06-Jun-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2170                                  | Demolition Specification to CBO (FOR REVIEW AND COMMENT)      | 20 | 100%   | 01-Jun-16 A | 06-Jul-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2180                                  | Procure Demo Contractor                                       | 20 | 100%   | 01-Jul-16 A | 18-Jul-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2190                                  | Demo Contractor Develop/Submit Field Work Plan                | 15 | 100%   | 21-Jul-16 A | 03-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2200                                  | Full Demolition Pkg to CBO (FOR REVIEW AND COMMENT)           | 20 | 100%   | 27-Jul-16 A | 27-Jul-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| Demo AES and Plains Abandoned Oil Lines    |   |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2210                                  | Coordination with Wetlands Stakeholders                       | 3  | 100%   | 15-Aug-16 A | 24-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2220                                  | Moblize Demo Crew & Equipment                                 | 17 | 100%   | 15-Aug-16 A | 30-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2440                                  | Secure Site (i.e. exterior fencing, etc. install VIS 3 Fence) | 60 | 76.67% | 26-Aug-16 A | 25-Jan-17   | 63                   |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2280                                  | Demo Peaker Fuel and FO Tank For Sampling                     | 5  | 100%   | 29-Aug-16 A | 07-Sep-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2235                                  | Demo Abandoned Oil Lines (AES)                                | 55 | 100%   | 29-Aug-16 A | 18-Nov-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2260                                  | Clean FO and Peaker Fuel Tank Interior                        | 15 | 100%   | 30-Aug-16 A | 02-Sep-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2290                                  | Demo Peaker Fuel and FO Tank                                  | 20 | 100%   | 07-Sep-16 A | 09-Nov-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2310                                  | Verification of Reused Assets and Interconnects               | 10 | 100%   | 15-Sep-16 A | 13-Oct-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2240                                  | Demo Peaker Building, Peaker Aux Building & Fuel Skid         | 60 | 95%    | 29-Sep-16 A | 10-Jan-17   | 54                   |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2230                                  | Demo Abandoned Oil Lines (Plains)                             | 30 | 15%    | 06-Jan-17 A | 10-Feb-17   | 32                   |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2250                                  | Demo Peaker 66kV Line   | 20 | 0%     | 06-Jan-17*  | 02-Feb-17   | 37                   |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2300                                  | Maintenance & Storage Building Relocation                     | 17 | 0%     | 09-Jan-17*  | 31-Jan-17   | 119                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| Soil Remediation Above Ground Storage Tank |   |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2320                                  | Develop Work Plan for DTSC                                    | 34 | 0%     | 06-Jan-17*  | 22-Feb-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2330                                  | Remedial Action Plan/HHRA to CBO (FOR INFORMATION ONLY)       | 20 | 0%     | 23-Feb-17   | 22-Mar-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2340                                  | Contract with Soil Remediation                                | 20 | 0%     | 23-Mar-17   | 19-Apr-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2350                                  | Site Remediation  | 45 | 0%     | 20-Apr-17   | 21-Jun-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2360                                  | Prepare / Submit Remedial Conformation Report to DTSC         | 20 | 0%     | 22-Jun-17   | 19-Jul-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2370                                  | DTSC review and approval                                      | 60 | 0%     | 20-Jul-17   | 11-Oct-17   | -62                  |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| Excavate Containment Berms                 |   |    |        |             |             |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2392                                  | Develop Specification for Work                                | 10 | 100%   | 15-Jul-16 A | 01-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |
| OSHB-2393                                  | Bid and Award Contract - Procurement                          | 5  | 100%   | 01-Aug-16 A | 30-Aug-16 A |                      |      |    |    |    |      |    |    |    |      |    |    |                 |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |    |

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  Remaining Work
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Actual Level of Effort

Remaining Work

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

**Color Code Key**

Not submitted to CEC.

Submitted to CEC; pending approval.

HBEP response to CEC questions pending.

CEC approved.

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

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

## Appendix D

### CBO Documentation

# Transmittal Report

Transmittal Number: CBO-009

Date: 9/12/2016

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

**Package:** STRUC-1

**Subject:** Construction Screening Scaffolding Design- Rev 1

**Due Date:** 12/07/16

**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        | CONSTRUCTION |   | The project owner shall submit to the CBO for review and approval the following:<br>1. Design of the proposed drainage structures and the grading plan.<br>2. An erosion and sedimentation control plan.<br>3. A construction storm water pollution prevention plan (SWPPP).<br>4. Related calculations and specifications, signed and stamped by the responsible civil engineer.<br>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.   |                     | 1/20/2017                     |                                 |   |
| CIVIL-02        | CONSTRUCTION |   | The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.  | The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.  | Within 24 hours of construction halt due to geologic conditions.   |                     |                               |                                 |   |
| CIVIL-03        | CONSTRUCTION |   | The project owner shall perform inspections in accordance with the 2013 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.   | Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following monthly compliance report.   | Within 5 days of discovery of any discrepancies.   |                     |                               |                                 |   |
| CIV-04          | CLOSE OUT    |   | After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.   | Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report. | Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work. |                     |                               |                                 |   |
| ELEC-01         | DEMO         |   | Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the TRANSMISSION SYSTEM ENGINEERING section of this document. | At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.   | At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction.                  |                     |                               |                                 |   |
|                 |              | Temporary Power for Trailers              |   |  |  |                     |                               |                                 | KW to do inspection on temp. power set up at Peaker Building on 5/19/16 |
|                 |              | Design of Power Connection                |   |  |  |                     | 8/24/2016                     | 8/27/2016                       | APPROVED  |
|                 |              | Installation of Power Connection          |   |  |  |                     |                               |                                 |   |
|                 |              | Temporary Power for Demolition Activities |   |  |  |                     |                               |                                 | APPROVED  |

| Critical<br><br>✓ | Cond. # | Sort Code        | Submittal | Description of Project Owner's Responsibilities  | Verification/Action/Submittal Required by Project Owner   | Timeframe   | Date Due to CEC CPM | Targeted Internal Finish Date | Date sent to CEC, CBO or agency | CBO Status   |
|-------------------|---------|------------------|-----------|--|---|---|---------------------|-------------------------------|---------------------------------|--|
|                   | GEN-01  | CLOSE OUT        |           | The project owner shall design, construct, and inspect the project in accordance with this Decision and the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Building Standards Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).   | Within 30 days following receipt of the certificate of occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. The project owner shall provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.  | With 30 days after receipt of Certificate of Occupancy  |                     |                               |                                 |  |
|                   | GEN-02  | DEMO             |           | Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures, systems, and equipment, including the architectural visual enhancement specified in the VISUAL RESOURCES section. Major structures, systems, and equipment are structures and their associated components or equipment that are necessary for power production, costly or time consuming to repair or replace, are used for the storage, containment, or handling of hazardous or toxic materials, or could become potential health and safety hazards if not constructed according to applicable engineering LORS. The schedule shall contain the date of each submittal to the CBO. | At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO and to the CP2. Major structures and equipment shall be added to or deleted from the list only with CPM approval. The project owner shall provide schedule updates in the monthly compliance report.M the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, equipment, and the architectural enhancement features defined above in Condition of Certification GEN-2. | At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading.   |                     |                               |                                 | KW to talk with TP and JW on timing and submittals what submittals will demo contractor provide to CBO for review? |
|                   | GEN-03  | DEMO             |           | The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2013 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.   | The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.   | The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.  |                     |                               |                                 | COMPLETED / on-going   |
|                   | GEN-04  | DEMO             |           | Prior to the start of rough grading, the project owner shall assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.   | At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.  | At least 30 days prior to the start of rough grading.   |                     |                               |                                 | RE (AES Person) shall be named at time of rough grading. Rough grading is not included in demo.                    |
|                   | GEN-05  | CONSTRUC<br>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<br>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<br>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. |                     |                               |                                 |  |

|          |            |                  |                                 |  |   |   |                     |                               |                                 |            |
|----------|------------|------------------|---------------------------------|--|---|---|---------------------|-------------------------------|---------------------------------|------------|
| Critical | Cond. #    | Sort Code        | Submittal                       | Description of Project Owner's Responsibilities  | Verification/Action/Submittal Required by Project Owner   | Timeframe   | Date Due to CEC CPM | Targeted Internal Finish Date | Date sent to CEC, CBO or agency | CBO Status |
|          | GEN-08     | CLOSE OUT        |                                 | The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.   | Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report,(a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.  | CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective       |                     |                               |                                 |            |
|          | GEO-01     | CONSTRUC<br>TION |                                 | A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and tsunami. In accordance with CBC 2013, the report should also include recommendations for ground improvement and/or foundation systems necessary to mitigate these potential geologic hazards, if present. The project owner shall conduct a geotechnical investigation that identifies expected dewatering volumes and the spatial extent of drawdown effects of that dewatering. If the investigation shows that dewatering is likely to affect nearby wetlands or environmentally sensitive habitat areas, mitigation measures shall be incorporated into the final design plans required pursuant to Condition of Certification GEN-02. | The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and tsunami, and a summary of how the results of the analyses were incorporated into the project foundation and grading plan design for review and comment by the Chief Building Official (CBO). A copy of the Soils Engineering Report, application for grading permit and any comments by the CBO are to be provided to the CPM at least 30 days prior to grading.  | action taken to resolve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall  |                     |                               |                                 |            |
|          | ✓ GEO-02   | CONSTRUC<br>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:<br>1. perimeter security consisting of fencing enclosing the construction area<br>2. security guards<br>3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors<br>4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site<br>5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency<br>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:<br>Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed.<br>Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below.<br>Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.   | Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.   | Prior to ground disturbance.  |                     |                               |                                 |            |
|          |            |                  | Letter of Acknowledgement       |  |   |   |                     |                               | 6/27/2016                       | COMPLETED  |
|          | S&W-01     | DEMO             |                                 | The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.   | Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB. | Thirty (30) days prior to site mobilization of HBEP construction activities.                              |                     |                               |                                 |            |



| Critical | Cond. # | Sort Code | Submittal                                  | Description of Project Owner's Responsibilities   | Verification/Action/Submittal Required by Project Owner   | Timeframe   | Date Due to CEC CPM | Targeted Internal Finish Date | Date sent to CEC, CBO or agency | CBO Status  |   |
|----------|---------|-----------|--|---|---|---|---------------------|-------------------------------|---------------------------------|---|---|
|          |         |           | Construction SWPPP                         |   |   |   |                     | 6/10/2016 1st submittal       | 7/20/2016                       | AES to re-submit SWPPP based on CBO comments. Submitt by 9/9/16 |   |
|          |         |           | Notice of Intent (NOI)                     |   |   |   |                     | 8/8/2016                      |                                 | COMPLETED   |   |
|          | ✓       | S&W-03    | DEMO                                       | Prior to any groundwater dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The dewatering plan shall include maximum daily and average daily pumping rates, and total volume expected to be pumped during dewatering, as well as the dates expected to be used for dewatering. The plan shall also include estimates of drawdown that may occur at the adjacent marsh land, and identify potential mitigation, as needed, as well as describe under what circumstances such mitigation would be implemented.   | At least sixty (60) days prior to dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The project owner shall provide a report on the dewatering daily average and maximum rate and total daily volumes in each monthly compliance report when dewatering occurs. At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit. The project owner shall submit a copy of any correspondence between the project owner and the RWQCB regarding the waiver or permit and all related reports to the CPM within 10 days of correspondence receipt or submittal. | At least sixty (60) days prior to dewatering.   |                     |                               |                                 | No dewatering anticipated during LNTP.                          |   |
|          | ✓       | S&W-04    | DEMO                                       | Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.  | Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to 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.<br>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:<br>1. Obtain approval from the CBO of lateral force procedures proposed for project structures.<br>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.<br>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.<br>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.<br>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.              |
|          |         |           | Utility Clearance Plan                     |   |   |   |                     |                               | 9/9/2016                        |   | Utility Isolation Verification - East Fuel Oil Tank and Distillate Tank SUBMITTED 9/13/16 |
|          |         |           | Demolition Site Delineation Plan           |   |   |   |                     |                               | 1/20/2017                       |   |   |

Critical

| Cond. # | Sort Code        | Submittal | Description of Project Owner's Responsibilities  | Verification/Action/Submittal Required by Project Owner   | Timeframe   | Date Due to CEC CPM | Targeted Internal Finish Date | Date sent to CEC, CBO or agency | CBO Status  |
|---------|------------------|-----------|--|---|---|---------------------|-------------------------------|---------------------------------|---|
| VIS-1   | CONSTRUC<br>TION |           | 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<br>Re-opened due to scope change; berm removal to take place during demo                        |
| VIS-2   | CONSTRUC<br>TION |           | 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<br><br>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:<br>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).<br>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.<br>3. Task-specific lighting shall be used to the maximum extent practicable.<br>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.<br>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:<br>• Demolition of HBGS Unit 5 and east fuel oil tank and construction of Power Block 1<br>• Construction of Power Block 2<br>• Demolition of HBGS Units 1 and 2 and construction of Buildings 33 and 34<br>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.<br>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  |

Critical

| Cond. #            | Sort Code | Submittal  | Description of Project Owner's Responsibilities  | Verification/Action/Submittal Required by Project Owner  | Timeframe  | Date Due to CEC CPM | Targeted Internal Finish Date | Date sent to CEC, CBO or agency | CBO Status  |
|--------------------|-----------|--|--|--|--|---------------------|-------------------------------|---------------------------------|-------------|
| WASTE-01           | DEMO      |  | The project owner shall ensure that the HBEP project site is properly characterized and remediated as necessary pursuant to the corrective action plans reviewed by DTSC, the Huntington Beach Fire Department and/or the Orange County Health Care Agency. In no event shall project construction commence in areas requiring characterization and remediation until the CPM determines, with confirmation from the appropriate regulatory agency, that all necessary remediation has been accomplished.  | At least 45 days prior to remediation the project owner shall submit to the CPM for approval copies of remediation documentation, such as, but not limited to, soil sample results, work plans, and agreements regarding the corrective action plan requirements and activities at the project site. Pertinent correspondence such as, but not limited to, soil sample results, work plans, agreements, and authorizations involving DTSC, the Huntington Beach Fire Department, and/or (if applicable) the Orange County Health Care Agency regarding the corrective action plan requirements and activities at the project site will be provided to the CPM within 10 days of receipt.<br>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.<br>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.<br>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:<br>1. a Construction Personal Protective Equipment Program<br>2. a Construction Exposure Monitoring Program<br>3. a Construction Injury and Illness Prevention Program<br>4. a Construction Emergency Action Plan<br>5. a Construction Fire Prevention Plan<br>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

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

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

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

## Appendix E

### Air Quality

December 30, 2016

## LETTER OF MAINTENANCE VERIFICATION

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

This is for the below listed equipment on site at:

**AES Southland**

21730 Newland Street  
Huntington Beach, CA

**Equipment**

1. Case> 590 Super N Loader B'hoe> UNIT #3051 jjGN59SNCEC711133

All info verified by:

W.A. Rasic Construction Service Department  
7314 Scout Avenue  
Bell Gardens, CA 90201



Jack Quick  
Project Manager  
W.A. Rasic Construction



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

12/31/16

## LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or Service bulletins are current in accordance with the manufacturers and United Rentals recommendations.

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

| Op | Contract  | Equipment# | Qty | P/U | Description           | 521<br>Loc | Job Location         |
|----|-----------|------------|-----|-----|-----------------------|------------|----------------------|
| —  | 143258414 | 1099541    | 1   |     | ROTARY HAMMER LARGE S | 521        | 21730 NEWLAND ST, HU |
| —  | 143258414 | 825914RA   | 1   |     | ROTARY HAMMER LARGE S | 521        | 21730 NEWLAND ST, HU |
| —  | 142557024 | 10001455   | 1   |     | BOOM 60-64' ARTICULAT | 521        | 21730 NEWLAND ST, HU |
| —  | 139813246 | 10519303   | 1   |     | SKID STEER TRACK LOAD | 521        | 21730 NEWLAND ST, HU |
| —  | 139813246 | 10480154   | 1   |     | SKID STEER GRAPPLE BU | 521        | 21730 NEWLAND ST, HU |

EIN 10519303      KT8C54  
EIN 10001455      UD8D93

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**

1/3/2017

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

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 1/3/2017: 1490 hours.

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

Last inspection by Volvo technician: 12/27/2016.

Last inspection by Volvo Product Support: 12/15/2016.

Next oil service due: 1500 hours. Please schedule soon.

R/S,

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

Appendix E

HBEP Off Road Diesel Equipment

| <u>Date Arrived</u> | <u>Date Removed</u> | <u>CARB ID<br/>6 digit<br/>alpha<br/>numeric</u> | <u>HBEP ID</u> | <u>Equipment</u>        |                               |                   |                          |  |               | <u>Engine</u>       |                          |                         |                             |                       |                          |                        |             |
|---------------------|---------------------|--|----------------|-------------------------|-------------------------------|-------------------|--------------------------|--|---------------|---------------------|--------------------------|-------------------------|-----------------------------|-----------------------|--------------------------|------------------------|-------------|
|                     |                     |  |                | <u>Manufacturer</u>     | <u>Model/<br/>Description</u> | <u>Model Year</u> | <u>Serial<br/>Number</u> | <u>Owner</u>                                     | <u>Renter</u> | <u>Manufacturer</u> | <u>Engine<br/>Family</u> | <u>Engine<br/>Model</u> | <u>Displacement<br/>(L)</u> | <u>Model<br/>Year</u> | <u>Serial<br/>Number</u> | <u>Diesel<br/>(hp)</u> | <u>Tier</u> |
| 8/25/2016           | onsite              | VK3D96   | HBEP-EN004     | Volvo                   | EC480EL Excavator             | 2015              | 310118                   | Volvo Construct ion Equipmen t & Services (VCES) | GSD           | Volvo               | EVSXL12.8T4F             | D13J                    | 12.8 L                      | 2014                  | 502602                   | 373                    | 4F          |
| 8/18/2016           | onsite              | KT8C54   | HBEP-EN001     | Takeuchi                | TL10CR Skid steer loader      | 2016              | 2.01E+08                 | 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          |
| 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              | 3E+08                    | United Rentals                                   | GSD           | Deutz               | DDZXL02.9016             | TCD 2.9 L4              | 2.9L                        | 2013                  | 11544050                 | 74                     | 4F          |
| 8/18/2016           | 08/29/16            | DW6G75   | HBEP-EN003     | JLG Skytrak             | 8042 Rough Terrain Forklift   | 2015              | 1.6E+08                  | United Rentals                                   | GSD           | Cummins             | ECEXL03.3ADA             | QSB3.3                  | 3.2 L                       | 2014                  | 68617161                 | 100                    | 4I          |
| 7/25/2016           | onsite              | MU9W57   | HBEP-EN005     | CASE                    | 590 Super N loader Backhoe    | 2014              | JJGN59S NCEC711133       | WA Rassic  | WA Rassic     | FPT Industrial      | EFPXL03.4ADD             | FPT F5BFL413A           | 3.4 L                       | 2014                  | 201279                   | 109                    | 4           |
| 10/17/2016          | 11/22/16            | EC9H83   | HBEP-EN008     | JLG                     | G12-55A ext fork lift         | 2014              | 1.6E+08                  | 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           | onsite              | 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          |

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: 2016.12.01 09:05:04 -0800

Date: 12-01 2016 Thursday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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: 2016.12.01 09:10:21 -0800

Date: 12-01 2016 Thursday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>   | <b>Response<br/>(yes/no)</b> | <b>Action</b>  |
|---|------------------------------|--|
| Has any off-road diesel equipment been delivered to the site today?<br><br>United Rentals: Genie Boom Lift Z60/34 Delivered 12-01, 7:15am | YES                          | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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: 2016.12.02 17:01:13 -0800

Date: 12-02 2016 Friday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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>                           |                   |   |

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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: 12-02 2016 Friday

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)                                     | Response<br>(yes/no) | Action   |
|--|----------------------|--|
| Has any off-road diesel equipment been delivered to the site today?                      | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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: 12-03 2016 Saturday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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@hbepr.com, c=US  
Date: 2016.12.03 12:02:59 -0800

Date: 12-03 2016 Saturday

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

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 12-05 2016 Monday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).                                  |                   |   |

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@huntingtonbeach.com, c=US  
Date: 2016.12.05 12:12:19 -0800

Date: 12-05 2016 Monday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.12 11:55:08-0800

Date: 12-06 2016 Tuesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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>                           |                   |   |

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@huntingtonbeach.com, c=US  
Date: 2016.12.06 17:12:19 -0800

Date: 12-06 2016 Tuesday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.12 11:55:08-0800

Date: 12-07 2016 Wednesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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>                           |                   |   |

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ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2016.12.12 12:07:07 -0800

Date: 12-07 2016 Wednesday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.12 11:20:50 -0800

Date: 12-08 2016 Thursday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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>                           |                   |   |

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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: 12-08 2016 Thursday

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

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.12 11:21:43 -0800

Date: 12-09 2016 Friday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer when needed           |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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: 12-09 2016 Friday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.12 11:07:15 -0800

Date: 12-12 2016 Monday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer when needed           |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site trucking of bulk soil to date                     |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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: 12-12-2016 Monday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 12-13 2016 Tuesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress                |
|--|-------------------|--|
| Are main access roads onsite paved or stabilized?  | y                 | paved  |
| Are unpaved roads onsite stabilized?   | y                 |  |
| Are unpaved exits graveled?  | na                | no unpaved exits   |
| Are speed limit signs posted at the main entrances?  | y                 |  |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |  |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | tire washer as needed, no off road trucking today                            |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |  |
| Are onsite paved roads swept daily?*   | y                 | as needed  |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |  |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | Off-site trucking of bulk concrete rubble began today, trucks remained on AC |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |  |
| If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).                                  |                   |  |

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith

Date: 12-13 2016 Tuesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 12-14 2016 Wednesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress                  |
|--|-------------------|--|
| Are main access roads onsite paved or stabilized?  | y                 | paved  |
| Are unpaved roads onsite stabilized?   | y                 |  |
| Are unpaved exits graveled?  | na                | no unpaved exits   |
| Are speed limit signs posted at the main entrances?  | y                 |  |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |  |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed                              |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |  |
| Are onsite paved roads swept daily?*   | y                 | as needed  |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |  |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | Off-site trucking of bulk concrete rubble began yesterday, trucks remain on AC |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |  |
| If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).                                  |                   |  |

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=mark.smith@huntingtonbeach.com, c=US  
Date: 2016.12.14 13:12:13Z +0800

Date: 12-14 2016 Wednesday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.15 11:42:11 -0800

Date: 12-15 2016 Thursday Rain

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress                   |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed                               |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | Off-site trucking of bulk concrete rubble finished today, trucks remained on AC |
| 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: 12-15 2016 Thursday Rain

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTP,  
email=marksmith@hbepl.com, c=US  
Date: 2016.12.16 11:56:58 -0800

Date: 12-16 2016 Friday am rain

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off-site hauling of bulk soil / concrete today             |
| Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? | n                 |   |
| <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 occurred prior 18 hrs ending at approximately 10am

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@hbepl.com, c=US  
Date: 2016.12.16 17:13:08Z

Date: 12-16 2016 Friday am rain

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

**ADDITIONAL NOTES:**

Rain occurred prior 18 hrs ending at approximately 10am

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: 2016.12.19 08:55:00 -0800

Date: 12-19 2016 Monday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | y                 | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off 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: 2016.12.19 10:20:15-08'00'

Date: 12-19 2016 Monday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.21 10:58:46 -0800

Date: 12-20 2016 Tuesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off 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: 2016.12.21 10:19:57 -0800

Date: 12-20 2016 Tuesday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>maintenance.   |

ADDITIONAL NOTES:



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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTP,  
email=marksmith@hbepl.com, c=US  
Date: 2016.12.21 13:52:13 -0800

Date: 12-21 2016 Wednesday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off 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: 12-21 2016 Wednesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith  
DN: cn=Mark Smith, o=HBEP LNTF,  
email=marksmith@hbeplntf.com, c=US  
Date: 2016.12.22 13:53:08 -0800

Date: 12-22 2016 Thursday

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response (yes/no) | If no, describe corrective action required and/or in progress |
|--|-------------------|---|
| Are main access roads onsite paved or stabilized?  | y                 | paved   |
| Are unpaved roads onsite stabilized?   | y                 |   |
| Are unpaved exits graveled?  | na                | no unpaved exits  |
| Are speed limit signs posted at the main entrances?  | y                 |   |
| Are equipment and vehicle operators using designated onsite roads?   | y                 |   |
| Are wheel washers, with a minimum of 20 foot gravel ramps, installed?  | na                | rumble plates are deployed, tire washer as needed             |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | y                 |   |
| Are onsite paved roads swept daily?*   | y                 | as needed   |
| Are paved public roadways within 500 feet of exits swept as needed?*   | y                 |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?  | na                | no inactive soil stockpiles                                   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?          | y                 | No off 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: 2016.12.22 15:22:08-0800

Date: 12-22 2016 Thursday

| <b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>                              | <b>Response<br/>(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:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM<br>and<br>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:<br>1.) Collect verification tag and<br>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:<br>1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory.<br>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<br>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<br>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 December 24, 2016 between the hours of 12:00 AM and 4:22 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<br>(lb/day) | Estimated PM <sub>2.5</sub> Reductions<br>(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<br/>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 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/23/2016</b>        |                   |               |                |  |
| 11:52:23 PM              | LOC               | ON            | 31mph NW       | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:52:54 PM              | STOP              | ON            | 5mph NW        | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:52:59 PM              | LOC               | ON            | 1mph NW        | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:53:35 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:54:11 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:54:47 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:55:23 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:55:59 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:56:35 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:57:11 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:57:47 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:58:23 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:58:59 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 11:59:35 PM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| <b>12/24/2016</b>        |                   |               |                |  |
| 12:00:11 AM              | LOC               | ON            |                | 21902 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:00:47 AM              | LOC               | ON            | 4mph NW        | 21864 Newland St & Pacific Coast Hwy Huntington<br>Beach CA 92646                            |
| 12:01:23 AM              | LOC               | ON            | 4mph NW        | 21804 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:01:59 AM              | LOC               | ON            | 1mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:02:35 AM              | LOC               | ON            |                | 21790 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |



## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>   |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 242</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:03:11 AM              | LOC               | ON            |                | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:03:47 AM              | LOC               | ON            |                | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:04:23 AM              | LOC               | ON            |                | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:04:59 AM              | LOC               | ON            | 1mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:05:35 AM              | LOC               | ON            | 2mph NW        | 21814 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:06:11 AM              | LOC               | ON            | 2mph NW        | 21852 Newland St & Pacific Coast Hwy Huntington Beach CA 92646                            |
| 12:06:47 AM              | LOC               | ON            | 2mph NW        | 21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:07:23 AM              | LOC               | ON            | 2mph NW        | 21840 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:07:59 AM              | LOC               | ON            | 3mph NW        | 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:08:35 AM              | LOC               | ON            | 3mph NW        | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:09:11 AM              | LOC               | ON            | 2mph NW        | 21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:09:47 AM              | LOC               | ON            | 3mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:10:23 AM              | LOC               | ON            | 1mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:10:59 AM              | LOC               | ON            |                | 21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:11:35 AM              | LOC               | ON            |                | 21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:12:11 AM              | LOC               | ON            | 2mph NW        | 21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:12:47 AM              | LOC               | ON            | 1mph NW        | 21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:13:23 AM              | LOC               | ON            |                | 21932 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:13:59 AM              | LOC               | ON            | 1mph NW        | 21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:14:35 AM              | LOC               | ON            | 3mph NW        | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>   |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 242</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:15:11 AM              | LOC               | ON            | 3mph NW        | 21772 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:15:47 AM              | LOC               | ON            | 2mph NW        | 21772 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:16:23 AM              | LOC               | ON            | 2mph NW        | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:16:59 AM              | LOC               | ON            | 3mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:17:35 AM              | LOC               | ON            | 2mph NW        | 21820 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:18:11 AM              | LOC               | ON            | 3mph NW        | 21854 Newland St & Pacific Coast Hwy Huntington Beach CA 92646                            |
| 12:18:47 AM              | LOC               | ON            | 2mph NW        | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:19:23 AM              | LOC               | ON            | 2mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:19:59 AM              | LOC               | ON            | 2mph NW        | 21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:20:35 AM              | LOC               | ON            | 2mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:21:11 AM              | LOC               | ON            | 1mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:21:47 AM              | LOC               | ON            |                | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:22:23 AM              | LOC               | ON            | 1mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:22:59 AM              | LOC               | ON            | 1mph NW        | 21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:23:35 AM              | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:24:11 AM              | LOC               | ON            | 2mph NW        | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:24:47 AM              | LOC               | ON            | 2mph NW        | 21772 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:25:23 AM              | LOC               | ON            | 2mph NW        | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:25:59 AM              | LOC               | ON            | 1mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 12:26:35 AM              | LOC               | ON            | 2mph NW        | 21772 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |





## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 12:27:11 AM              | LOC               | ON            | 2mph NW        | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:27:47 AM              | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:28:23 AM              | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:28:59 AM              | LOC               | ON            | 2mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:29:35 AM              | LOC               | ON            | 1mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:30:11 AM              | LOC               | ON            | 3mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:30:47 AM              | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:31:23 AM              | LOC               | ON            |                | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:31:59 AM              | LOC               | ON            |                | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:32:35 AM              | LOC               | ON            |                | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:33:11 AM              | LOC               | ON            |                | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:33:47 AM              | LOC               | ON            |                | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:34:23 AM              | LOC               | ON            |                | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:34:59 AM              | LOC               | ON            | 2mph NW        | 21778 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:35:35 AM              | LOC               | ON            | 3mph NW        | 21772 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:36:11 AM              | LOC               | ON            | 2mph NW        | 21762 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:36:47 AM              | LOC               | ON            | 1mph NW        | 21762 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:37:23 AM              | LOC               | ON            | 1mph NW        | 21766 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:37:59 AM              | LOC               | ON            | 1mph NW        | 21762 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:38:35 AM              | LOC               | ON            |                | 21758 Newland St & Biscayne Dr Huntington Beach CA 92646 |



## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 12:39:11 AM              | LOC               | ON            |                | 21766 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:39:47 AM              | LOC               | ON            | 1mph NW        | 21768 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:40:24 AM              | LOC               | ON            | 3mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:41:00 AM              | LOC               | ON            | 2mph NW        | 21832 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:41:36 AM              | LOC               | ON            |                | 21832 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:42:12 AM              | LOC               | ON            |                | 21832 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:42:48 AM              | LOC               | ON            |                | 21834 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:43:24 AM              | LOC               | ON            |                | 21832 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:44:00 AM              | LOC               | ON            | 2mph NW        | 21842 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:44:36 AM              | LOC               | ON            | 2mph NW        | 21822 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:45:12 AM              | LOC               | ON            | 2mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:45:48 AM              | LOC               | ON            | 2mph NW        | 21826 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:46:24 AM              | LOC               | ON            | 2mph NW        | 21828 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:47:00 AM              | LOC               | ON            | 3mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:47:36 AM              | LOC               | ON            | 3mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:48:12 AM              | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:48:48 AM              | LOC               | ON            | 3mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:49:24 AM              | LOC               | ON            | 3mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:50:00 AM              | LOC               | ON            | 3mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646 |
| 12:50:36 AM              | LOC               | ON            | 3mph NW        | 21826 Newland St & Biscayne Dr Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 12:51:12 AM              | LOC               | ON            | 1mph NW        | 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:51:48 AM              | LOC               | ON            | 3mph NW        | 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:52:24 AM              | LOC               | ON            | 3mph NW        | 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:53:00 AM              | LOC               | ON            | 3mph NW        | 21842 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:53:36 AM              | LOC               | ON            | 4mph NW        | 21914 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:54:12 AM              | LOC               | ON            | 3mph NW        | 21926 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:54:48 AM              | LOC               | ON            | 3mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:55:24 AM              | LOC               | ON            | 4mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:56:00 AM              | LOC               | ON            | 2mph NW        | 21928 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:56:36 AM              | LOC               | ON            | 1mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:57:12 AM              | LOC               | ON            | 2mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:57:48 AM              | LOC               | ON            | 2mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:58:24 AM              | LOC               | ON            | 2mph NW        | 21820 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 12:59:00 AM              | LOC               | ON            | 2mph NW        | 21912 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 12:59:36 AM              | LOC               | ON            | 2mph NW        | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:00:12 AM               | LOC               | ON            | 2mph NW        | 21926 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:00:48 AM               | LOC               | ON            | 2mph NW        | 21932 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:01:24 AM               | LOC               | ON            | 2mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:02:00 AM               | LOC               | ON            |                | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:02:36 AM               | LOC               | ON            |                | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:03:12 AM               | LOC               | ON            |                | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:03:48 AM               | LOC               | ON            |                | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:04:24 AM               | LOC               | ON            | 3mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:05:00 AM               | LOC               | ON            | 3mph NW        | 21926 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:05:36 AM               | LOC               | ON            | 2mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:06:12 AM               | LOC               | ON            | 1mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:06:48 AM               | LOC               | ON            | 2mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:07:24 AM               | LOC               | ON            | 2mph NW        | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:08:00 AM               | LOC               | ON            | 2mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:08:36 AM               | LOC               | ON            | 3mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:09:12 AM               | LOC               | ON            | 2mph NW        | 21926 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:09:48 AM               | LOC               | ON            | 2mph NW        | 21790 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:10:24 AM               | LOC               | ON            | 2mph NW        | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:11:00 AM               | LOC               | ON            | 1mph NW        | 21930 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:11:36 AM               | LOC               | ON            | 1mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:12:12 AM               | LOC               | ON            | 1mph NW        | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:12:48 AM               | LOC               | ON            | 2mph NW        | 21936 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:13:24 AM               | LOC               | ON            |                | 21932 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:14:00 AM               | LOC               | ON            | 1mph NW        | 21930 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:14:36 AM               | LOC               | ON            | 1mph NW        | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |



## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

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

**VEHICLE NAME: 242**

**12/24/2016**

|            |     |    |         |  |                              |
|------------|-----|----|---------|--|------------------------------|
| 1:15:12 AM | LOC | ON | 2mph NW | 21796 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:15:48 AM | LOC | ON | 2mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:16:24 AM | LOC | ON | 2mph NW | 21778 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:17:00 AM | LOC | ON | 2mph NW | 21772 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:17:36 AM | LOC | ON | 2mph NW | 21778 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:18:12 AM | LOC | ON | 2mph NW | 21778 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:18:48 AM | LOC | ON | 2mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:19:24 AM | LOC | ON | 2mph NW | 21776 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:20:00 AM | LOC | ON | 2mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:20:36 AM | LOC | ON | 2mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:21:12 AM | LOC | ON | 2mph NW | 21778 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:21:48 AM | LOC | ON | 1mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:22:24 AM | LOC | ON | 1mph NW | 21784 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:23:00 AM | LOC | ON | 2mph NW | 21790 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:23:36 AM | LOC | ON | 2mph NW | 21790 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:24:12 AM | LOC | ON |         | 21796 Newland St & Biscayne Dr                                     | Huntington Beach<br>CA 92646 |
| 1:24:48 AM | LOC | ON | 1mph NW | 21920 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 | Huntington Beach CA 92646    |
| 1:25:24 AM | LOC | ON | 2mph NW | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 | Huntington Beach CA 92646    |
| 1:26:00 AM | LOC | ON | 1mph NW | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 | Huntington Beach CA 92646    |
| 1:26:36 AM | LOC | ON | 2mph NW | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 | Huntington Beach CA 92646    |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>   |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 242</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 1:27:12 AM               | LOC               | ON            | 3mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:27:48 AM               | LOC               | ON            | 2mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:28:24 AM               | LOC               | ON            | 2mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:29:00 AM               | LOC               | ON            | 1mph NW        | 21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:29:36 AM               | LOC               | ON            | 1mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:30:12 AM               | LOC               | ON            | 1mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:30:48 AM               | LOC               | ON            | 1mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:31:24 AM               | LOC               | ON            | 2mph NW        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:32:00 AM               | LOC               | ON            | 1mph NW        | 21796 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:32:36 AM               | LOC               | ON            |                | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:33:12 AM               | LOC               | ON            | 1mph NW        | 21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:33:48 AM               | LOC               | ON            | 2mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:34:24 AM               | LOC               | ON            | 1mph NW        | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:35:00 AM               | LOC               | ON            | 2mph NW        | 21916 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:35:36 AM               | LOC               | ON            | 1mph NW        | 21840 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:36:12 AM               | LOC               | ON            | 1mph NW        | 21850 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:36:48 AM               | LOC               | ON            | 2mph NW        | 21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:37:24 AM               | LOC               | ON            | 2mph NW        | 21848 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:38:00 AM               | LOC               | ON            | 1mph NW        | 21914 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:38:36 AM               | LOC               | ON            | 1mph NW        | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 242</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:39:12 AM               | LOC               | ON            |                | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:39:48 AM               | LOC               | ON            |                | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:40:24 AM               | LOC               | ON            |                | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:41:00 AM               | LOC               | ON            | 1mph N         | 21918 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:41:36 AM               | LOC               | ON            | 2mph N         | 21912 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:42:12 AM               | LOC               | ON            | 3mph N         | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:42:48 AM               | LOC               | ON            | 4mph N         | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:43:24 AM               | LOC               | ON            | 4mph N         | 21928 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:44:00 AM               | LOC               | ON            | 3mph N         | 21936 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:44:36 AM               | LOC               | ON            | 4mph N         | 21934 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:44:57 AM               | STOP              | ON            | 5mph W         | 21926 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:45:13 AM               | LOC               | ON            | 4mph W         | 21920 Pacific Coast Hwy/Pacific Cst Hwy-California s<br>Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:45:49 AM               | LOC               | ON            | 3mph W         | 21848 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:46:25 AM               | LOC               | ON            | 4mph W         | 21808 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:47:01 AM               | LOC               | ON            | 2mph W         | 21784 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:47:37 AM               | LOC               | ON            | 2mph W         | 21784 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:48:13 AM               | LOC               | ON            | 3mph W         | 21778 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:48:49 AM               | LOC               | ON            | 4mph W         | 21778 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:49:25 AM               | LOC               | ON            | 3mph W         | 21772 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |
| 1:50:01 AM               | LOC               | ON            | 4mph W         | 21778 Newland St & Biscayne Dr Huntington Beach<br>CA 92646                                  |

## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>   |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 242</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 1:50:37 AM               | LOC               | ON            | 3mph W         | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:51:13 AM               | LOC               | ON            | 2mph W         | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:51:49 AM               | LOC               | ON            | 3mph W         | 21804 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:52:25 AM               | LOC               | ON            | 3mph W         | 21848 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:53:01 AM               | LOC               | ON            | 4mph N         | 21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:53:37 AM               | LOC               | ON            | 1mph N         | 21922 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:54:13 AM               | LOC               | ON            | 3mph N         | 21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646 |
| 1:54:49 AM               | LOC               | ON            | 4mph NW        | 21846 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:55:25 AM               | LOC               | ON            | 4mph NW        | 21800 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:55:42 AM               | STOP              | ON            | 5mph NE        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:56:01 AM               | LOC               | ON            | 3mph NE        | 21784 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:56:37 AM               | LOC               | ON            | 3mph NE        | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:57:13 AM               | LOC               | ON            |                | 21790 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:57:49 AM               | LOC               | ON            | 5mph NE        | 21776 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:58:25 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:59:01 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 1:59:37 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646                                  |
| 2:00:13 AM               | LOC               | ON            | 17mph N        | 21614 Newland St & Edison Dr Huntington Beach CA 92646                                    |
| 2:00:48 AM               | STOP              | ON            | 5mph SW        | 21499 Newland St & Hamilton Ave Huntington Beach CA 92646                                 |
| 2:00:49 AM               | LOC               | ON            | 5mph SW        | 8500 Hamilton Ave & Newland St Huntington Beach CA 92646                                  |





## Detailed

For 12/23/2016 11:52 PM through 12/24/2016 02:07 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                 |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 242</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 2:01:25 AM               | LOC               | ON            |                | 21515 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:02:01 AM               | LOC               | ON            |                | 21517 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:02:37 AM               | LOC               | ON            |                | 21517 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:03:13 AM               | LOC               | ON            |                | 21517 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:03:49 AM               | LOC               | ON            |                | 21515 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:04:25 AM               | LOC               | ON            | 5mph SW        | 21539 Newland St & Hamilton Ave Huntington Beach CA 92646 |
| 2:05:01 AM               | LOC               | ON            | 17mph S        | 21732 Newland St & Edison Dr Huntington Beach CA 92646    |
| 2:05:37 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646  |
| 2:06:13 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646  |
| 2:06:49 AM               | LOC               | ON            | 8mph S         | 21768 Newland St & Biscayne Dr Huntington Beach CA 92646  |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                        |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/23/2016</b>        |                   |               |                |  |
| 11:45:33 PM              | LOC               | ON            | 5mph S         | Adams Ave & Beach Blvd Huntington Beach CA 92648 |
| 11:45:45 PM              | STOP              | ON            | 5mph SW        | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:46:09 PM              | LOC               | ON            |                | 20020 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:46:45 PM              | LOC               | ON            |                | 20020 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:47:21 PM              | LOC               | ON            |                | 20022 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:47:57 PM              | LOC               | ON            |                | 20028 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:48:33 PM              | LOC               | ON            |                | 20012 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:49:09 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:49:45 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:50:21 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:50:57 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:51:33 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:52:09 PM              | LOC               | ON            |                | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:52:45 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:53:21 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:53:57 PM              | LOC               | ON            |                | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:54:33 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:55:09 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:55:45 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 11:56:21 PM              | LOC               | ON            |                | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648 |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                               |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 241</b> |                   |               |                |   |
| <b>12/23/2016</b>        |                   |               |                |   |
| 11:56:57 PM              | LOC               | ON            |                | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 11:57:33 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 11:58:09 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 11:58:45 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 11:59:21 PM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 11:59:57 PM              | LOC               | ON            |                | 20008 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:00:33 AM              | LOC               | ON            |                | 20010 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 12:01:09 AM              | LOC               | ON            | 2mph SW        | 8020 Adams Ave & Beach Blvd Huntington Beach CA 92646   |
| 12:01:45 AM              | LOC               | ON            | 4mph SW        | 8068 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:02:21 AM              | LOC               | ON            |                | 8078 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:02:57 AM              | LOC               | ON            |                | 8078 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:03:33 AM              | LOC               | ON            |                | 8078 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:04:09 AM              | LOC               | ON            |                | 8078 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:04:45 AM              | LOC               | ON            |                | 8078 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:05:21 AM              | LOC               | ON            | 2mph SW        | 8082 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:05:57 AM              | LOC               | ON            | 5mph E         | 8106 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:05:57 AM              | STOP              | ON            | 5mph E         | 8106 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:06:33 AM              | LOC               | ON            |                | 8128 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:07:09 AM              | LOC               | ON            |                | 8138 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                               |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 241</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:07:45 AM              | LOC               | ON            |                | 8132 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:08:21 AM              | LOC               | ON            |                | 8124 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:08:57 AM              | LOC               | ON            |                | 8122 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:09:33 AM              | LOC               | ON            |                | 8122 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:10:09 AM              | LOC               | ON            | 2mph E         | 8140 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:10:45 AM              | LOC               | ON            | 2mph E         | 8170 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:11:21 AM              | LOC               | ON            | 2mph E         | 8194 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:11:57 AM              | LOC               | ON            |                | 8212 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:12:33 AM              | LOC               | ON            |                | 8212 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:13:10 AM              | LOC               | ON            | 1mph E         | 8222 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:13:46 AM              | LOC               | ON            | 2mph E         | 8266 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:14:22 AM              | LOC               | ON            | 1mph E         | 8256 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:14:58 AM              | LOC               | ON            | 1mph E         | 8214 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:15:34 AM              | LOC               | ON            | 2mph E         | 8262 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:16:10 AM              | LOC               | ON            |                | 8264 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:16:46 AM              | LOC               | ON            |                | 8264 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:17:22 AM              | LOC               | ON            |                | 8270 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:17:58 AM              | LOC               | ON            |                | 8280 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:18:34 AM              | LOC               | ON            | 1mph E         | 8300 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:19:10 AM              | LOC               | ON            | 2mph E         | 8332 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                               |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 241</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:19:46 AM              | LOC               | ON            | 1mph E         | 8368 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:20:22 AM              | LOC               | ON            | 2mph E         | 8410 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:20:58 AM              | LOC               | ON            | 2mph E         | 8440 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:21:34 AM              | LOC               | ON            | 1mph E         | 8490 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:22:10 AM              | LOC               | ON            | 5mph N         | 20301 Newland St & Adams Ave Huntington Beach CA 92646  |
| 12:22:46 AM              | LOC               | ON            | 13mph W        | 8451 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:23:22 AM              | LOC               | ON            | 26mph W        | 8123 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:23:45 AM              | STOP              | ON            | 5mph E         | 8116 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:23:58 AM              | LOC               | ON            | 2mph E         | 8128 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 12:24:35 AM              | LOC               | ON            |                | 8160 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:25:11 AM              | LOC               | ON            |                | 8162 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:25:47 AM              | LOC               | ON            |                | 8162 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:26:23 AM              | LOC               | ON            |                | 8160 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:26:59 AM              | LOC               | ON            | 3mph E         | 8172 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:27:35 AM              | LOC               | ON            | 4mph E         | 8220 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:28:11 AM              | LOC               | ON            | 2mph E         | 8272 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:28:47 AM              | LOC               | ON            | 1mph E         | 8302 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:29:23 AM              | LOC               | ON            | 1mph E         | 8348 Adams Ave & Rotherth Ln Huntington Beach CA 92646  |
| 12:29:59 AM              | LOC               | ON            |                | 8400 Adams Ave & Newland St Huntington Beach CA 92646   |
| 12:30:35 AM              | LOC               | ON            | 1mph E         | 8414 Adams Ave & Newland St Huntington Beach CA 92646   |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 12:31:11 AM              | LOC               | ON            | 2mph E         | 8450 Adams Ave & Newland St Huntington Beach CA 92646    |
| 12:31:47 AM              | LOC               | ON            |                | 8484 Adams Ave & Newland St Huntington Beach CA 92646    |
| 12:32:23 AM              | LOC               | ON            | 4mph E         | 8518 Adams Ave & Newland St Huntington Beach CA 92646    |
| 12:32:59 AM              | LOC               | ON            | 3mph E         | 8586 Adams Ave & Vintage Ln Huntington Beach CA 92646    |
| 12:33:35 AM              | LOC               | ON            | 2mph E         | 8636 Adams Ave & Treasure Cir Huntington Beach CA 92646  |
| 12:34:11 AM              | LOC               | ON            | 4mph E         | 8690 Adams Ave & Felcliff Ln Huntington Beach CA 92646   |
| 12:34:47 AM              | LOC               | ON            | 3mph E         | 8900 Adams Ave & Estuary Ln Huntington Beach CA 92646    |
| 12:35:23 AM              | LOC               | ON            | 2mph E         | 8900 Adams Ave & Tranquil Ln Huntington Beach CA 92646   |
| 12:35:59 AM              | LOC               | ON            | 2mph E         | 8904 Adams Ave & Tranquil Ln Huntington Beach CA 92646   |
| 12:36:35 AM              | LOC               | ON            | 2mph E         | 8920 Adams Ave & Mayport Ln Huntington Beach CA 92646    |
| 12:37:11 AM              | LOC               | ON            | 3mph E         | 8938 Adams Ave & Mayport Ln Huntington Beach CA 92646    |
| 12:37:47 AM              | LOC               | ON            | 2mph E         | 8956 Adams Ave & Mayport Ln Huntington Beach CA 92646    |
| 12:38:23 AM              | LOC               | ON            | 3mph E         | 8972 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:38:59 AM              | LOC               | ON            | 2mph E         | 8994 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:39:35 AM              | LOC               | ON            | 2mph E         | 8998 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:39:51 AM              | STOP              | ON            | 5mph E         | 9020 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:40:11 AM              | LOC               | ON            |                | 9022 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:40:47 AM              | LOC               | ON            | 4mph E         | 9056 Adams Ave & Magnolia St Huntington Beach CA 92646   |
| 12:41:23 AM              | LOC               | ON            | 5mph E         | 9140 Adams Ave & Shorewood Cir Huntington Beach CA 92646 |
| 12:41:59 AM              | LOC               | ON            | 4mph E         | 9500 Adams Ave & Shorewood Cir Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                 |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 241</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 12:42:35 AM              | LOC               | ON            | 3mph E         | 9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646 |
| 12:43:11 AM              | LOC               | ON            | 4mph E         | 9500 Adams Ave & Marina Ln Huntington Beach CA 92646      |
| 12:43:47 AM              | LOC               | ON            | 3mph E         | 9500 Adams Ave & Cove Cir Huntington Beach CA 92646       |
| 12:44:23 AM              | LOC               | ON            | 4mph E         | 9500 Adams Ave & Moontide Cir Huntington Beach CA 92646   |
| 12:44:59 AM              | LOC               | ON            | 5mph E         | 9500 Adams Ave & Port Cir Huntington Beach CA 92646       |
| 12:45:16 AM              | STOP              | ON            | 5mph E         | 9500 Adams Ave & Bushard St Huntington Beach CA 92646     |
| 12:45:35 AM              | LOC               | ON            |                | 9500 Adams Ave & Bushard St Huntington Beach CA 92646     |
| 12:46:11 AM              | LOC               | ON            |                | 9500 Adams Ave & Bushard St Huntington Beach CA 92646     |
| 12:46:47 AM              | LOC               | ON            | 5mph E         | 9500 Adams Ave & Bushard St Huntington Beach CA 92646     |
| 12:47:23 AM              | LOC               | ON            | 4mph E         | 9542 Adams Ave & Sidcup Ln Huntington Beach CA 92646      |
| 12:47:59 AM              | LOC               | ON            | 2mph E         | 9576 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:48:35 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:49:11 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:49:47 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:50:23 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:50:59 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:51:35 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:52:11 AM              | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:52:47 AM              | LOC               | ON            |                | 9586 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 12:53:23 AM              | LOC               | ON            |                | 9586 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                   | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|-------------------|-------------------|---------------|----------------|--|
| VEHICLE NAME: 241 |                   |               |                |  |
| 12/24/2016        |                   |               |                |  |
| 12:53:59 AM       | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:54:35 AM       | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:55:11 AM       | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:55:47 AM       | LOC               | ON            |                | 9588 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:56:23 AM       | LOC               | ON            | 1mph E         | 9576 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:56:59 AM       | LOC               | ON            |                | 9576 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:57:35 AM       | LOC               | ON            |                | 9576 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:58:11 AM       | LOC               | ON            |                | 9576 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:58:47 AM       | LOC               | ON            |                | 9578 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:59:23 AM       | LOC               | ON            | 1mph E         | 9590 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 12:59:59 AM       | LOC               | ON            |                | 9594 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:00:35 AM        | LOC               | ON            | 2mph E         | 9578 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:01:11 AM        | LOC               | ON            |                | 9574 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:01:47 AM        | LOC               | ON            | 2mph E         | 9592 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:02:23 AM        | LOC               | ON            | 3mph E         | 9582 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:02:59 AM        | LOC               | ON            | 1mph E         | 9590 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:03:35 AM        | LOC               | ON            | 2mph E         | 9618 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:04:11 AM        | LOC               | ON            | 1mph E         | 9676 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 1:04:47 AM        | LOC               | ON            | 3mph E         | 9734 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 1:05:23 AM        | LOC               | ON            | 3mph E         | 9800 Adams Ave & Sutton Ln Huntington Beach CA 92646     |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:05:59 AM               | LOC               | ON            | 5mph E         | 9866 Adams Ave & Sutton Ln Huntington Beach CA 92646             |
| 1:06:14 AM               | STOP              | ON            | 5mph E         | 9886 Adams Ave & Sutton Ln Huntington Beach CA 92646             |
| 1:06:35 AM               | LOC               | ON            | 2mph E         | 9918 Adams Ave & Brookhurst St Huntington Beach CA 92646         |
| 1:07:11 AM               | LOC               | ON            |                | 9926 Adams Ave & Brookhurst St Huntington Beach CA 92646         |
| 1:07:47 AM               | LOC               | ON            |                | 9926 Adams Ave & Brookhurst St Huntington Beach CA 92646         |
| 1:08:23 AM               | LOC               | ON            |                | 9926 Adams Ave & Brookhurst St Huntington Beach CA 92646         |
| 1:08:59 AM               | LOC               | ON            | 6mph E         | 9980 Adams Ave & Brookhurst St Huntington Beach CA 92646         |
| 1:09:35 AM               | LOC               | ON            | 1mph E         | 20027 Brookhurst St & Adams Ave Huntington Beach CA 92646        |
| 1:10:11 AM               | LOC               | ON            | 1mph E         | 20073 Brookhurst St & Adams Ave Huntington Beach CA 92646        |
| 1:10:47 AM               | LOC               | ON            | 5mph S         | 20137 Brookhurst St & Meredith Dr Huntington Beach CA 92646      |
| 1:11:23 AM               | LOC               | ON            | 5mph S         | 20199 Brookhurst St & Meredith Dr Huntington Beach CA 92646      |
| 1:11:59 AM               | LOC               | ON            | 3mph S         | 20199 Brookhurst St & Jon Day Dr Huntington Beach CA 92646       |
| 1:12:35 AM               | LOC               | ON            | 5mph S         | 20199 Brookhurst St & Peck Dr Huntington Beach CA 92646          |
| 1:12:53 AM               | STOP              | ON            | 5mph S         | 20199 Brookhurst St & Birchwood Dr Huntington Beach CA 92646     |
| 1:13:11 AM               | LOC               | ON            | 5mph S         | 20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646       |
| 1:13:47 AM               | LOC               | ON            | 4mph S         | 20199 Brookhurst St & Crailet Dr Huntington Beach CA 92646       |
| 1:14:23 AM               | LOC               | ON            | 4mph S         | 20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646 |
| 1:14:59 AM               | LOC               | ON            | 4mph S         | 20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646      |
| 1:15:35 AM               | LOC               | ON            | 5mph S         | 9999 Spinnaker Dr & Brookhurst St Huntington Beach CA 92646      |
| 1:16:11 AM               | LOC               | ON            | 4mph S         | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:16:47 AM               | LOC               | ON            | 2mph S         | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:17:23 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:17:59 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:18:35 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:19:11 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:19:47 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:20:23 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:20:59 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:21:35 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:22:11 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:22:47 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:23:23 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:23:59 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:24:35 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646 |
| 1:25:11 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:25:47 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:26:23 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:26:59 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:27:35 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |
| 1:28:11 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:28:47 AM               | LOC               | ON            |                | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 1:29:23 AM               | LOC               | ON            |                | 10001 Cliff Dr & Brookhurst St Huntington Beach CA 92646         |
| 1:29:59 AM               | LOC               | ON            | 4mph S         | 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 1:30:35 AM               | LOC               | ON            | 3mph S         | 20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 1:31:11 AM               | LOC               | ON            | 2mph S         | 20835 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 1:31:47 AM               | LOC               | ON            | 5mph S         | 20929 Brookhurst St & Atlanta Ave Huntington Beach CA 92646      |
| 1:32:23 AM               | LOC               | ON            | 5mph S         | 21019 Brookhurst St & Atlanta Ave Huntington Beach CA 92646      |
| 1:32:59 AM               | LOC               | ON            | 4mph S         | 21085 Brookhurst St & Dana Dr Huntington Beach CA 92646          |
| 1:33:35 AM               | LOC               | ON            | 3mph S         | 21117 Brookhurst St & Dana Dr Huntington Beach CA 92646          |
| 1:34:11 AM               | LOC               | ON            | 4mph S         | 21159 Brookhurst St & Spar Cir Huntington Beach CA 92646         |
| 1:34:47 AM               | LOC               | ON            | 4mph S         | 21199 Brookhurst St & Effingham Dr Huntington Beach CA 92646     |
| 1:35:23 AM               | LOC               | ON            | 2mph S         | 21301 Brookhurst St & Effingham Dr Huntington Beach CA 92646     |
| 1:35:59 AM               | LOC               | ON            | 3mph S         | 21317 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 1:36:35 AM               | LOC               | ON            | 5mph S         | 21399 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 1:37:11 AM               | LOC               | ON            | 6mph S         | 21451 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 1:37:47 AM               | LOC               | ON            | 1mph S         | 21499 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 1:38:23 AM               | LOC               | ON            | 4mph S         | 9945 Hamilton Ave & Brookhurst St Huntington Beach CA 92646      |
| 1:38:59 AM               | LOC               | ON            | 9mph W         | 9871 Hamilton Ave & St John Ln Huntington Beach CA 92646         |
| 1:39:27 AM               | STOP              | ON            | 5mph W         | 9805 Hamilton Ave & St John Ln Huntington Beach CA 92646         |
| 1:39:35 AM               | LOC               | ON            | 1mph W         | 9803 Hamilton Ave & St John Ln Huntington Beach CA 92646         |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                    |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:40:11 AM               | LOC               | ON            |                | 9803 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:40:47 AM               | LOC               | ON            |                | 9805 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:41:23 AM               | LOC               | ON            |                | 9805 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:41:59 AM               | LOC               | ON            |                | 9805 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:42:35 AM               | LOC               | ON            |                | 9805 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:43:11 AM               | LOC               | ON            | 1mph W         | 9801 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:43:47 AM               | LOC               | ON            | 4mph W         | 9801 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 1:44:23 AM               | LOC               | ON            | 4mph W         | 9673 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 |
| 1:44:59 AM               | LOC               | ON            | 6mph W         | Spyglass Ln & Hamilton Ave Huntington Beach CA 92646         |
| 1:45:35 AM               | LOC               | ON            | 5mph W         | 9521 Hamilton Ave & Bushard St Huntington Beach CA 92646     |
| 1:46:11 AM               | LOC               | ON            | 4mph W         | Hamilton Ave & Bushard St Huntington Beach CA 92646          |
| 1:46:47 AM               | LOC               | ON            | 3mph W         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:47:23 AM               | LOC               | ON            | 3mph W         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:47:59 AM               | LOC               | ON            | 3mph W         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:48:35 AM               | LOC               | ON            |                | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:49:11 AM               | LOC               | ON            | 4mph N         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:49:23 AM               | STOP              | ON            | 5mph N         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:49:47 AM               | LOC               | ON            | 1mph N         | Northshore Ln & Hamilton Ave Huntington Beach CA 92646       |
| 1:50:23 AM               | LOC               | ON            | 3mph N         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 1:50:59 AM               | LOC               | ON            | 5mph N         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 1:51:35 AM               | LOC               | ON            | 4mph N         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646     |
| 1:52:11 AM               | LOC               | ON            | 4mph N         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646     |
| 1:52:47 AM               | LOC               | ON            | 5mph N         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646     |
| 1:53:23 AM               | LOC               | ON            | 2mph N         | Hamilton Ave & Magnolia St Huntington Beach CA 92646       |
| 1:53:59 AM               | LOC               | ON            |                | Hamilton Ave & Magnolia St Huntington Beach CA 92646       |
| 1:54:36 AM               | LOC               | ON            | 6mph W         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:54:53 AM               | STOP              | ON            | 5mph W         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:55:12 AM               | LOC               | ON            | 3mph W         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:55:48 AM               | LOC               | ON            |                | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:56:24 AM               | LOC               | ON            | 3mph W         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:57:00 AM               | LOC               | ON            | 4mph W         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |
| 1:57:36 AM               | LOC               | ON            | 5mph W         | 8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 1:58:12 AM               | LOC               | ON            | 5mph W         | 8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 1:58:48 AM               | LOC               | ON            | 5mph W         | 8649 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646  |
| 1:59:24 AM               | LOC               | ON            | 5mph W         | 8583 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646  |
| 1:59:55 AM               | STOP              | ON            | 5mph W         | 8507 Hamilton Ave & Newland St Huntington Beach CA 92646   |
| 2:00:00 AM               | LOC               | ON            | 4mph W         | 8501 Hamilton Ave & Newland St Huntington Beach CA 92646   |
| 2:00:36 AM               | LOC               | ON            |                | 21501 Newland St & Hamilton Ave Huntington Beach CA 92646  |
| 2:01:12 AM               | LOC               | ON            |                | 21525 Newland St & Hamilton Ave Huntington Beach CA 92646  |
| 2:01:48 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646  |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                      |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 2:02:24 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:03:00 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:03:36 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:04:12 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:04:48 AM               | LOC               | ON            |                | 21523 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:05:24 AM               | LOC               | ON            | 5mph S         | 21599 Newland St & Hamilton Ave Huntington Beach CA 92646      |
| 2:06:00 AM               | LOC               | ON            | 4mph S         | 21699 Newland St & Edison Dr Huntington Beach CA 92646         |
| 2:06:36 AM               | LOC               | ON            | 5mph S         | 21735 Newland St & Edison Dr Huntington Beach CA 92646         |
| 2:07:12 AM               | LOC               | ON            | 5mph S         | 21767 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:07:48 AM               | LOC               | ON            | 6mph SW        | 21809 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:08:24 AM               | LOC               | ON            | 6mph SW        | 21883 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 |
| 2:08:46 AM               | STOP              | ON            | 5mph NE        | 21860 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 |
| 2:09:00 AM               | LOC               | ON            | 5mph NE        | 21836 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:09:36 AM               | LOC               | ON            |                | 21812 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:10:12 AM               | LOC               | ON            |                | 21812 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:10:48 AM               | LOC               | ON            |                | 21812 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:11:24 AM               | LOC               | ON            | 2mph NE        | 21804 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:12:00 AM               | LOC               | ON            | 5mph NE        | 21768 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:12:13 AM               | STOP              | ON            | 5mph N         | 21754 Newland St & Biscayne Dr Huntington Beach CA 92646       |
| 2:12:36 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646       |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 2:13:12 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:13:48 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:14:24 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:15:00 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:15:36 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:16:12 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:16:48 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:17:24 AM               | LOC               | ON            |                | 21752 Newland St & Biscayne Dr Huntington Beach CA 92646   |
| 2:18:00 AM               | LOC               | ON            | 3mph N         | 21736 Newland St & Edison Dr Huntington Beach CA 92646     |
| 2:18:36 AM               | LOC               | ON            | 4mph N         | 8500 Edison Dr & Newland St Huntington Beach CA 92646      |
| 2:19:12 AM               | LOC               | ON            | 5mph N         | 21604 Newland St & Edison Dr Huntington Beach CA 92646     |
| 2:19:48 AM               | LOC               | ON            | 2mph N         | 21570 Newland St & Hamilton Ave Huntington Beach CA 92646  |
| 2:20:24 AM               | LOC               | ON            | 4mph N         | 8502 Hamilton Ave & Newland St Huntington Beach CA 92646   |
| 2:21:00 AM               | LOC               | ON            | 5mph E         | 8586 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646  |
| 2:21:36 AM               | LOC               | ON            | 5mph E         | 8650 Hamilton Ave & Seaforth Ln Huntington Beach CA 92646  |
| 2:22:12 AM               | LOC               | ON            | 3mph E         | 8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 2:22:48 AM               | LOC               | ON            | 5mph E         | 8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 2:23:24 AM               | LOC               | ON            | 3mph E         | 8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 2:24:00 AM               | LOC               | ON            | 4mph E         | 8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646 |
| 2:24:36 AM               | LOC               | ON            | 5mph E         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646  |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                    |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 2:25:12 AM               | LOC               | ON            | 4mph E         | 8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646    |
| 2:25:31 AM               | STOP              | ON            | 5mph E         | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:25:48 AM               | LOC               | ON            |                | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:26:24 AM               | LOC               | ON            |                | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:27:00 AM               | LOC               | ON            |                | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:27:36 AM               | LOC               | ON            | 3mph E         | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:28:12 AM               | LOC               | ON            | 1mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:28:48 AM               | LOC               | ON            | 2mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:29:24 AM               | LOC               | ON            | 2mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:30:00 AM               | LOC               | ON            | 3mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:30:36 AM               | LOC               | ON            | 4mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:31:12 AM               | LOC               | ON            | 8mph SE        | 21500 Magnolia St & Hamilton Ave Huntington Beach CA 92646   |
| 2:31:16 AM               | STOP              | ON            | 5mph E         | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:31:49 AM               | LOC               | ON            | 3mph E         | Hamilton Ave & Magnolia St Huntington Beach CA 92646         |
| 2:32:25 AM               | LOC               | ON            | 5mph E         | 21500 Polynesian Ln & Hamilton Ave Huntington Beach CA 92646 |
| 2:33:01 AM               | LOC               | ON            | 3mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:33:37 AM               | LOC               | ON            | 2mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:34:13 AM               | LOC               | ON            |                | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:34:49 AM               | LOC               | ON            |                | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |
| 2:35:25 AM               | LOC               | ON            | 2mph E         | Hamilton Ave & Polynesian Ln Huntington Beach CA 92646       |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                    |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 2:36:01 AM               | LOC               | ON            | 4mph E         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 2:36:37 AM               | LOC               | ON            | 5mph E         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 2:37:13 AM               | LOC               | ON            | 4mph E         | Hamilton Ave & Lehua Ln Huntington Beach CA 92646            |
| 2:37:49 AM               | LOC               | ON            | 4mph E         | Hamilton Ave & Bushard St Huntington Beach CA 92646          |
| 2:38:25 AM               | LOC               | ON            | 5mph E         | 9508 Hamilton Ave & Bushard St Huntington Beach CA 92646     |
| 2:39:01 AM               | LOC               | ON            | 4mph E         | 9578 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646    |
| 2:39:37 AM               | LOC               | ON            |                | 9594 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646    |
| 2:40:13 AM               | LOC               | ON            | 3mph E         | Spyglass Ln & Hamilton Ave Huntington Beach CA 92646         |
| 2:40:49 AM               | LOC               | ON            | 5mph E         | 9674 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 |
| 2:41:03 AM               | STOP              | ON            | 5mph E         | 9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 |
| 2:41:25 AM               | LOC               | ON            | 3mph E         | 9698 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646 |
| 2:42:01 AM               | LOC               | ON            | 1mph E         | 21505 St John Ln/Saint John Ln Huntington Beach CA 92646     |
| 2:42:37 AM               | LOC               | ON            | 2mph E         | 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 2:43:13 AM               | LOC               | ON            | 2mph E         | 9800 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 2:43:49 AM               | LOC               | ON            | 3mph E         | 9808 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 2:44:25 AM               | LOC               | ON            | 6mph E         | 9854 Hamilton Ave & St John Ln Huntington Beach CA 92646     |
| 2:45:01 AM               | LOC               | ON            | 6mph E         | 9972 Hamilton Ave & Brookhurst St Huntington Beach CA 92646  |
| 2:45:12 AM               | STOP              | ON            | 5mph E         | 9982 Hamilton Ave & Brookhurst St Huntington Beach CA 92646  |
| 2:45:37 AM               | LOC               | ON            |                | 21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646 |
| 2:46:13 AM               | LOC               | ON            |                | 21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646 |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>  |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 2:46:49 AM               | LOC               | ON            |                | 21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 2:47:25 AM               | LOC               | ON            | 1mph E         | 21501 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 2:47:54 AM               | STOP              | ON            | 5mph N         | 21444 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 2:48:02 AM               | LOC               | ON            | 2mph N         | 21436 Brookhurst St & Hamilton Ave Huntington Beach CA 92646     |
| 2:48:38 AM               | LOC               | ON            | 1mph N         | 21412 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:49:14 AM               | LOC               | ON            | 2mph N         | 21390 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:49:50 AM               | LOC               | ON            | 2mph N         | 21400 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:50:26 AM               | LOC               | ON            | 1mph N         | 21430 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:51:02 AM               | LOC               | ON            | 1mph N         | 21400 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:51:38 AM               | LOC               | ON            |                | 21384 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:52:14 AM               | LOC               | ON            |                | 21384 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:52:50 AM               | LOC               | ON            |                | 21384 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:53:26 AM               | LOC               | ON            |                | 21384 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:54:02 AM               | LOC               | ON            |                | 21372 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:54:39 AM               | LOC               | ON            |                | 21372 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:55:15 AM               | LOC               | ON            |                | 21372 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:55:51 AM               | LOC               | ON            |                | 21372 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:56:27 AM               | LOC               | ON            |                | Villa Pacific Dr & Brookhurst St Huntington Beach CA 92646       |
| 2:57:03 AM               | LOC               | ON            | 1mph N         | 21338 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:57:39 AM               | LOC               | ON            | 1mph N         | 21324 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |



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For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

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

**VEHICLE NAME: 241**

**12/24/2016**

|            |      |    |        |  |
|------------|------|----|--------|--|
| 2:58:15 AM | LOC  | ON | 1mph N | 21344 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646 |
| 2:58:51 AM | LOC  | ON | 3mph N | 21300 Brookhurst St & Effingham Dr Huntington Beach CA 92646     |
| 2:59:27 AM | LOC  | ON | 3mph N | 21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646     |
| 3:00:03 AM | LOC  | ON | 3mph N | 21194 Brookhurst St & Effingham Dr Huntington Beach CA 92646     |
| 3:00:39 AM | LOC  | ON | 4mph N | 21162 Brookhurst St & Spar Cir Huntington Beach CA 92646         |
| 3:01:15 AM | LOC  | ON | 4mph N | 21104 Brookhurst St & Dana Dr Huntington Beach CA 92646          |
| 3:01:32 AM | STOP | ON | 5mph N | 21076 Brookhurst St & Dana Dr Huntington Beach CA 92646          |
| 3:01:51 AM | LOC  | ON | 4mph N | 21036 Brookhurst St & Atlanta Ave Huntington Beach CA 92646      |
| 3:02:27 AM | LOC  | ON | 4mph N | 20980 Brookhurst St & Atlanta Ave Huntington Beach CA 92646      |
| 3:03:03 AM | LOC  | ON | 2mph N | 20898 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 3:03:39 AM | LOC  | ON | 2mph N | 20840 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 3:04:15 AM | LOC  | ON | 2mph N | 20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 3:04:51 AM | LOC  | ON | 2mph N | 20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646      |
| 3:05:27 AM | LOC  | ON | 2mph N | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:06:03 AM | LOC  | ON |        | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:06:39 AM | LOC  | ON |        | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:07:15 AM | LOC  | ON |        | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:07:51 AM | LOC  | ON |        | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:08:27 AM | LOC  | ON | 1mph N | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:09:03 AM | LOC  | ON | 6mph N | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |

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For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

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

VEHICLE NAME: 241

12/24/2016

|            |      |    |        |  |
|------------|------|----|--------|--|
| 3:09:04 AM | STOP | ON | 5mph N | 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646         |
| 3:09:40 AM | LOC  | ON | 4mph N | 20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646     |
| 3:10:16 AM | LOC  | ON | 4mph N | 20198 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646     |
| 3:10:52 AM | LOC  | ON | 4mph N | 20198 Brookhurst St & Hercules Dr Huntington Beach CA 92646      |
| 3:11:28 AM | LOC  | ON | 3mph N | 20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646 |
| 3:12:04 AM | LOC  | ON | 1mph N | 20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646 |
| 3:12:40 AM | LOC  | ON | 2mph N | 20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646       |
| 3:13:16 AM | LOC  | ON | 4mph N | 20198 Brookhurst St & Crailet Dr Huntington Beach CA 92646       |
| 3:13:52 AM | LOC  | ON | 3mph N | 20198 Brookhurst St & Birchwood Dr Huntington Beach CA 92646     |
| 3:14:28 AM | LOC  | ON | 2mph N | 20198 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646    |
| 3:15:04 AM | LOC  | ON | 3mph N | 20198 Brookhurst St & Jon Day Dr Huntington Beach CA 92646       |
| 3:15:40 AM | LOC  | ON | 3mph N | 20198 Brookhurst St & Meredith Dr Huntington Beach CA 92646      |
| 3:16:16 AM | LOC  | ON | 4mph N | 20152 Brookhurst St & Meredith Dr Huntington Beach CA 92646      |
| 3:16:52 AM | LOC  | ON | 4mph N | 20084 Brookhurst St & Adams Ave Huntington Beach CA 92646        |
| 3:17:28 AM | LOC  | ON | 5mph N | 20028 Brookhurst St & Adams Ave Huntington Beach CA 92646        |
| 3:18:04 AM | LOC  | ON | 6mph N | 19956 Brookhurst St & Adams Ave Huntington Beach CA 92646        |
| 3:18:40 AM | LOC  | ON |        | 10017 Adams Ave & Brookhurst St Huntington Beach CA 92646        |
| 3:19:16 AM | LOC  | ON | 3mph S | 10019 Adams Ave & Brookhurst St Huntington Beach CA 92646        |
| 3:19:52 AM | LOC  | ON | 2mph W | Adams Ave & Brookhurst St Huntington Beach CA 92646              |
| 3:20:28 AM | LOC  | ON | 8mph W | 9935 Adams Ave & Brookhurst St Huntington Beach CA 92646         |

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For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                                |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 3:20:57 AM               | STOP              | ON            | 5mph W         | 9867 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:21:04 AM               | LOC               | ON            |                | 9867 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:21:40 AM               | LOC               | ON            |                | 9867 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:22:16 AM               | LOC               | ON            |                | 9865 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:22:52 AM               | LOC               | ON            |                | 9865 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:23:28 AM               | LOC               | ON            |                | 9865 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:24:04 AM               | LOC               | ON            | 5mph W         | 9799 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:24:40 AM               | LOC               | ON            | 5mph W         | 9791 Adams Ave & Sutton Ln Huntington Beach CA 92646     |
| 3:25:16 AM               | LOC               | ON            | 6mph W         | 9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 |
| 3:25:52 AM               | LOC               | ON            | 5mph W         | 9791 Adams Ave & Sidcup Ln Huntington Beach CA 92646     |
| 3:26:28 AM               | LOC               | ON            | 6mph W         | 9791 Adams Ave & Sidcup Ln Huntington Beach CA 92646     |
| 3:27:04 AM               | LOC               | ON            | 5mph W         | Adams Ave & Providence Ln Huntington Beach CA 92646      |
| 3:27:40 AM               | LOC               | ON            | 6mph W         | Gloucester Ln & Adams Ave Huntington Beach CA 92646      |
| 3:27:49 AM               | STOP              | ON            | 5mph W         | 9099 Adams Ave & Gloucester Ln Huntington Beach CA 92646 |
| 3:28:16 AM               | LOC               | ON            | 5mph W         | 9099 Adams Ave & Potomac Ln Huntington Beach CA 92646    |
| 3:28:52 AM               | LOC               | ON            | 5mph W         | 9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646 |
| 3:29:28 AM               | LOC               | ON            |                | 9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646 |
| 3:30:04 AM               | LOC               | ON            |                | 9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646 |
| 3:30:40 AM               | LOC               | ON            |                | 9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646 |
| 3:31:16 AM               | LOC               | ON            | 3mph W         | 9099 Adams Ave & Chesapeake Ln Huntington Beach CA 92646 |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

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

VEHICLE NAME: 241

12/24/2016

|            |      |    |         |   |
|------------|------|----|---------|---|
| 3:31:52 AM | LOC  | ON | 5mph W  | 9099 Adams Ave & Lotus Ln Huntington Beach CA 92646       |
| 3:32:28 AM | LOC  | ON | 5mph W  | 9083 Adams Ave & Shorewood Cir Huntington Beach CA 92646  |
| 3:33:04 AM | LOC  | ON | 9mph E  | 9146 Adams Ave & Shorewood Cir Huntington Beach CA 92646  |
| 3:33:40 AM | LOC  | ON | 6mph E  | 9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646 |
| 3:34:16 AM | LOC  | ON | 5mph E  | 9500 Adams Ave & Marina Ln Huntington Beach CA 92646      |
| 3:34:52 AM | LOC  | ON | 5mph E  | 9500 Adams Ave & Cove Cir Huntington Beach CA 92646       |
| 3:35:28 AM | LOC  | ON | 5mph E  | 9500 Adams Ave & Port Cir Huntington Beach CA 92646       |
| 3:36:04 AM | LOC  | ON | 8mph E  | 9502 Adams Ave & Bushard St Huntington Beach CA 92646     |
| 3:36:40 AM | LOC  | ON | 5mph E  | 9546 Adams Ave & Sidcup Ln Huntington Beach CA 92646      |
| 3:37:16 AM | LOC  | ON | 4mph E  | 9586 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 3:37:52 AM | LOC  | ON | 6mph E  | 9684 Adams Ave & Derbyshire Ln Huntington Beach CA 92646  |
| 3:38:28 AM | LOC  | ON |         | 9786 Adams Ave & Sutton Ln Huntington Beach CA 92646      |
| 3:39:04 AM | LOC  | ON | 21mph W | 9791 Adams Ave & Sidcup Ln Huntington Beach CA 92646      |
| 3:39:40 AM | LOC  | ON | 29mph W | 9099 Adams Ave & Lotus Ln Huntington Beach CA 92646       |
| 3:40:16 AM | LOC  | ON | 6mph W  | 9037 Adams Ave & Magnolia St Huntington Beach CA 92646    |
| 3:40:52 AM | LOC  | ON | 2mph W  | 19998 Magnolia St & Adams Ave Huntington Beach CA 92646   |
| 3:41:26 AM | STOP | ON | 5mph W  | 8943 Adams Ave & Magnolia St Huntington Beach CA 92646    |
| 3:41:28 AM | LOC  | ON | 5mph W  | 8939 Adams Ave & Magnolia St Huntington Beach CA 92646    |
| 3:42:04 AM | LOC  | ON |         | 8929 Adams Ave & Isthmus Ln Huntington Beach CA 92646     |
| 3:42:40 AM | LOC  | ON | 1mph W  | 8925 Adams Ave & Isthmus Ln Huntington Beach CA 92646     |

## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                               |
|--------------------------|-------------------|---------------|----------------|---|
| <b>VEHICLE NAME: 241</b> |                   |               |                |   |
| <b>12/24/2016</b>        |                   |               |                |   |
| 3:43:16 AM               | LOC               | ON            | 5mph W         | 8829 Adams Ave & Isthmus Ln Huntington Beach CA 92646   |
| 3:43:52 AM               | LOC               | ON            | 6mph W         | 8785 Adams Ave & Estuary Ln Huntington Beach CA 92646   |
| 3:44:28 AM               | LOC               | ON            | 1mph W         | 8739 Adams Ave & Felcliff Ln Huntington Beach CA 92646  |
| 3:45:04 AM               | LOC               | ON            | 5mph W         | 19999 Felcliff Ln & Adams Ave Huntington Beach CA 92646 |
| 3:45:40 AM               | LOC               | ON            | 6mph W         | 8629 Adams Ave & Vintage Ln Huntington Beach CA 92646   |
| 3:46:16 AM               | LOC               | ON            | 5mph W         | 8543 Adams Ave & Newland St Huntington Beach CA 92646   |
| 3:46:52 AM               | LOC               | ON            | 5mph W         | 8459 Adams Ave & Newland St Huntington Beach CA 92646   |
| 3:47:28 AM               | LOC               | ON            | 6mph W         | 8355 Adams Ave & Newland St Huntington Beach CA 92646   |
| 3:48:04 AM               | LOC               | ON            | 6mph W         | 8241 Adams Ave & Rothert Ln Huntington Beach CA 92646   |
| 3:48:40 AM               | LOC               | ON            | 4mph W         | 8175 Adams Ave & Rothert Ln Huntington Beach CA 92646   |
| 3:49:16 AM               | LOC               | ON            | 5mph W         | 8115 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 3:49:52 AM               | LOC               | ON            | 4mph W         | 8073 Adams Ave & Coldwater Ln Huntington Beach CA 92646 |
| 3:50:28 AM               | LOC               | ON            | 1mph W         | 8039 Adams Ave & Beach Blvd Huntington Beach CA 92646   |
| 3:51:04 AM               | LOC               | ON            | 4mph W         | 19976 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:51:40 AM               | LOC               | ON            | 3mph NE        | 19912 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:51:56 AM               | STOP              | ON            | 5mph NW        | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:52:16 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:52:52 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:53:28 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648        |
| 3:54:04 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648        |



## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                        |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 3:54:40 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:55:16 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:55:52 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:56:28 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:57:04 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:57:40 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:58:16 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:58:52 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 3:59:28 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:00:04 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:00:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:01:16 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:01:52 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:02:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:03:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:03:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:04:16 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:04:52 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:05:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:06:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |





## Detailed

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

|                          | <u>Event Type</u> | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                        |
|--------------------------|-------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |                   |               |                |  |
| <b>12/24/2016</b>        |                   |               |                |  |
| 4:06:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:07:16 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:07:52 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:08:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:09:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:09:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:10:16 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:10:52 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:11:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:12:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:12:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:13:16 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:13:52 AM               | LOC               | ON            |                | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:14:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:15:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:15:40 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:16:16 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:16:52 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:17:28 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:18:04 AM               | LOC               | ON            |                | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |



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**Detailed**

For 12/23/2016 11:45 PM through 12/24/2016 04:22 AM (Pacific Time)

| <u>Event Type</u>        | <u>Status</u> | <u>Heading</u> | <u>Location / Message</u>                        |
|--------------------------|---------------|----------------|--|
| <b>VEHICLE NAME: 241</b> |               |                |  |
| <b>12/24/2016</b>        |               |                |  |
| 4:18:40 AM               | LOC           | ON             | 19908 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:19:16 AM               | LOC           | ON             | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:19:52 AM               | LOC           | ON             | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:20:28 AM               | LOC           | ON             | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:21:04 AM               | LOC           | ON             | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |
| 4:21:40 AM               | LOC           | ON             | 19906 Beach Blvd/CA-39 Huntington Beach CA 92648 |

Appendix F  
Worker Environmental Awareness  
Program

[illegible]

[illegible]

## AES Huntington Beach Energy Project



[illegible]

Appendix G  
Biological Resources Monthly  
Summary Report



AES Southland Development LLC

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

December 2016 Reporting Period

January 2017

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**APPENDIX A – BIOLOGICAL RESOURCES DAILY INSPECTION LOGS**

**APPENDIX B – BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG**

**APPENDIX C – OBSERVED WILDLIFE SPECIES LIST**

This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the Limited Notice to Proceed (LNTP) of the Huntington Beach Energy Project (HBEP) from December 1 through December 31, 2016, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

## 2.0

### **LNTP MONITORING SUMMARY**

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

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

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

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

## 2.1

### **NESTING BIRDS**

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

## 2.3

### **SPECIAL-STATUS SPECIES**

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

## **2.4 WILDLIFE INJURIES AND MORTALITIES**

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

One injured American coot (*Fulica americana*) and one dead American coot were located within the project site on December 13, 2016 and the associated monitoring log is provided in Appendix B. No additional injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed at the project site. Lists of avian species observed during the monitoring events are included in Appendix C.

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

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

## **2.5 HAZARDOUS MATERIAL SPILLS**

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

## **2.6 TRASH**

Some trash was observed within the LNTP boundary on December 8, 2016 after a high wind event and a request for removal was submitted. No other litter was observed within the project site.

## **2.7 NON-COMPLIANCE REPORT**

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

*Appendix A*  
*Biological Resources Daily*  
*Inspection Logs*

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

## BIOLOGICAL RESOURCES DAILY INSPECTION LOG

| Date   | Day                   | Inspector/Contractor            |                                |                      | Inspector/Contractor Company                  |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|---|--|
| 12/01/2016   | Thursday              | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                   |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                               |  |
| 45 / 66  |                       | 2 / 10                          |                                | 15-20 sm             | cool cloudy am, clearing in mid afternoon dry |  |
| <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”. |                       |                                 |                                |                      |   |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |   |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                   |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|
| 12/02/2016   | Friday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                    |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                |
| 50 / 66  |                       | 6 / 15 G=25                     |                                | 15-20 sm             | cool partly cloudy am, clear dry windy all day |
| <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". |                       |                                 |                                |                      |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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            |
|--|-----------------------|---------------------------------|-----------------------------|----------------------|---|
| 12/03/2016   | Saturday              | Mark Smith / Butier Engineering |                             |                      | AES/GSD/BEI                             |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind (mph)<br>am/pm             | Precipitation (Y/N, amount) | Visibility           | Weather Comment                         |
| 46 / 66  |                       | 4 / 8 G=12                      |                             | 25sm haze            | cool clear am, clear dry cool mild wind |
| <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”. |                       |                                 |                             |                      |   |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                             |                      |   |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N        | Action Needed<br>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                           |                      | 10 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                       |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/05/2016   | Monday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI  |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                    |  |
| 47 / 64  |                       | 2 / 4                           |                                | 5sm hazy / 15        | cool mostly cloudy am / clearing to mostly clear c |  |
| <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”. |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                   |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/06/2016   | Tuesday               | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                    |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                |  |
| 50 / 64  |                       | 2 / 9                           |                                | 5sm hazy / 15        | cool mostly cloudy periodic partly cloudy cool |  |
| <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”. |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                      |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|---|
| 12/07/2016   | Wednesday             | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                       |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                   |
| 51 / 64  |                       | 1 / 9                           |                                | 5-10sm hazy / 15     | cool mostly cloudy cool, mild santa ana condition |
| <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”. |                       |                                 |                                |                      |   |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |   |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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 |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|------------------------------|--|
| 12/08/2016   | Thursday              | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                  |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment              |  |
| 48 / 64  | 97 / 65               | 0 / 8                           |                                | 5sm hazy / 10        | cool mostly clear            |  |
| <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”. |                       |                                 |                                |                      |                              |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |                              |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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      |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|-----------------------------------|--|
| 12/09/2016   | Friday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                       |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                   |  |
| 51 / 62  | 90 / 67               | 2 / 4                           |                                | 5sm hazy / 10        | cool mostly in am, cloud cover pm |  |
| <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”. |                       |                                 |                                |                      |                                   |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |                                   |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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      |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|-----------------------------------|--|
| 12/12/2016   | Monday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                       |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                   |  |
| 51 / 62  | 90 / 67               | 2 / 4                           |                                | 5sm hazy / 10        | cool mostly in am, cloud cover pm |  |
| <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”. |                       |                                 |                                |                      |                                   |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |                                   |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|---|
| 12/13/2016   | Tuesday               | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                   |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                               |
| 58 / 65  | 84 / 67               | 2 / 8                           | N                              | 5sm hazy / 10        | cool mostly hazy in am, partly cloudy hazy pm |
| <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”. |                       |                                 |                                |                      |   |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |   |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 IN CONSTRUCTION ZONE                       |
| Pre-construction surveys (nesting birds and bats)  |                       |                                 | Y                              |                      | COMPLETED                                     |
| <b>Items Requiring Action/Follow-up</b>  |                       |                                 |                                |                      |   |
| FALCON attack, one dead and one injured American Coot's. Injured animal taken to care shelter.   |                       |                                 |                                |                      |   |



# 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                     |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/14/2016   | Wednesday             | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                      |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                  |  |
| 50 / 63  | 98 / 67               | 2 / 5                           | N                              | 3sm / 5-10sm         | marine layer am / periodically cloudy patchy fog |  |
| <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". |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                 |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/15/2016   | Thursday              | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                  |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                              |  |
| 56 / 61  | 98 / 82               | 1 / 6                           | Y / late afternoon             | 1sm / 2sm            | increasing clouds, lite rain 4pm, patchy fog |  |
| <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”. |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|---|--|
| 12/16/2016   | Friday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                 |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                             |  |
| 61 / 58  | 98 / 65               | 9 / 14                          | yes, 0.95 inch                 | 1sm rain / 7sm       | raining until 8am, partial clearing cool pm |  |
| <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”. |                       |                                 |                                |                      |   |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |   |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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      |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|-----------------------------------|
| 12/19/2016   | Monday                | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                       |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                   |
| 51 / 66  | 23 / 14               | 6 / 9                           | n                              | 50+sm / 30+hazy      | cool clear am / clear but hazy pm |
| <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”. |                       |                                 |                                |                      |                                   |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |                                   |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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                    |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|---|
| 12/20/2016   | Tuesday               | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                     |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                 |
| 43 / 74  | 38 / 20               | 3 / 6                           | N                              | 35sm / 35            | cold clear am patchy clouds / dry partly cloudy |
| <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”. |                       |                                 |                                |                      |   |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |   |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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           |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/21/2016   | Wednesday             | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                            |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                        |  |
| 58 / 62@9am  | 67 / 99 rain          | 3 / 8                           | Yes, most of day               | 25sm / 20sm          | cloudy and periodic lite rain all day. |  |
| <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". |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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

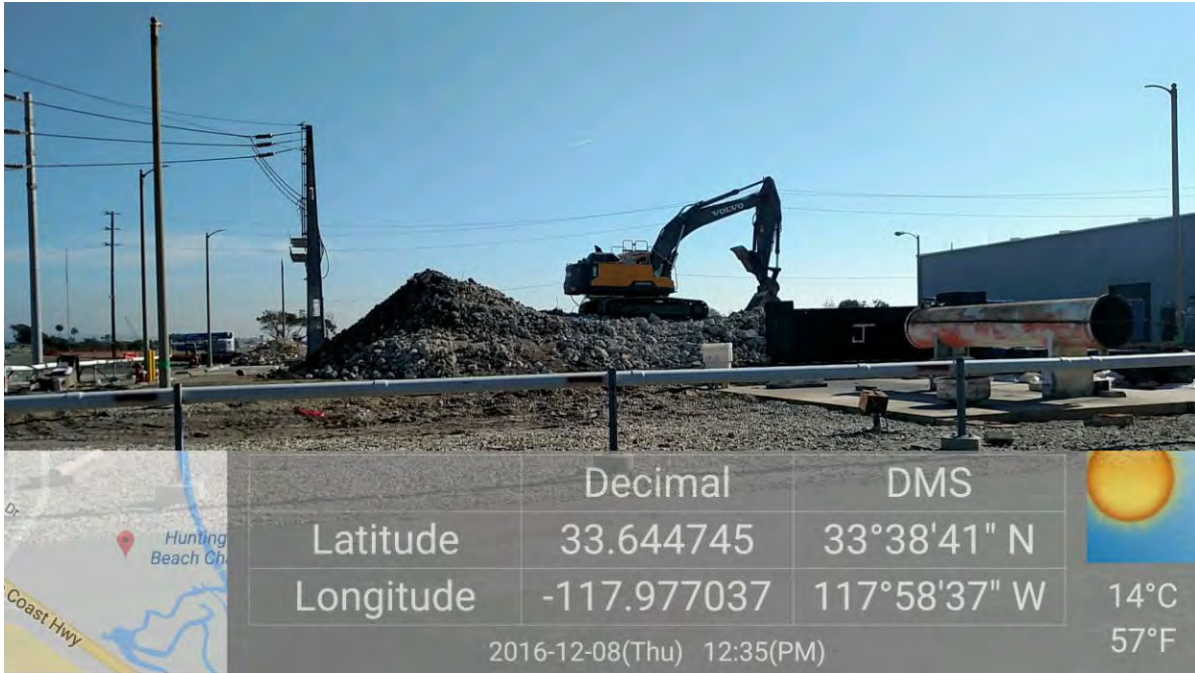
| Date   | Day                   | Inspector/Contractor            |                                |                      | Inspector/Contractor Company                   |  |
|--|-----------------------|---------------------------------|--------------------------------|----------------------|--|--|
| 12/22/2016   | Thursday              | Mark Smith / Butier Engineering |                                |                      | AES/GSD/BEI                                    |  |
| Temperature (°F)<br>am/pm  | Humidity (%)<br>am/pm | Wind<br>(mph)<br>am/pm          | Precipitation<br>(Y/N, amount) | Visibility           | Weather Comment                                |  |
| 54 / 61  | 94 / 87               | 5 / 8                           | Y off & on                     | 5-15sm / 15sm        | cloudy wet, periodic rain, 0.9 inch last night |  |
| <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”. |                       |                                 |                                |                      |  |  |
| <b>Compliance Verification Checklist – Biological Resources:</b>   |                       |                                 |                                |                      |  |  |
| General Impact Avoidance and Minimization Measures   |                       |                                 | In Compliance<br>Y/N           | Action Needed<br>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                              |                      | 10 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*



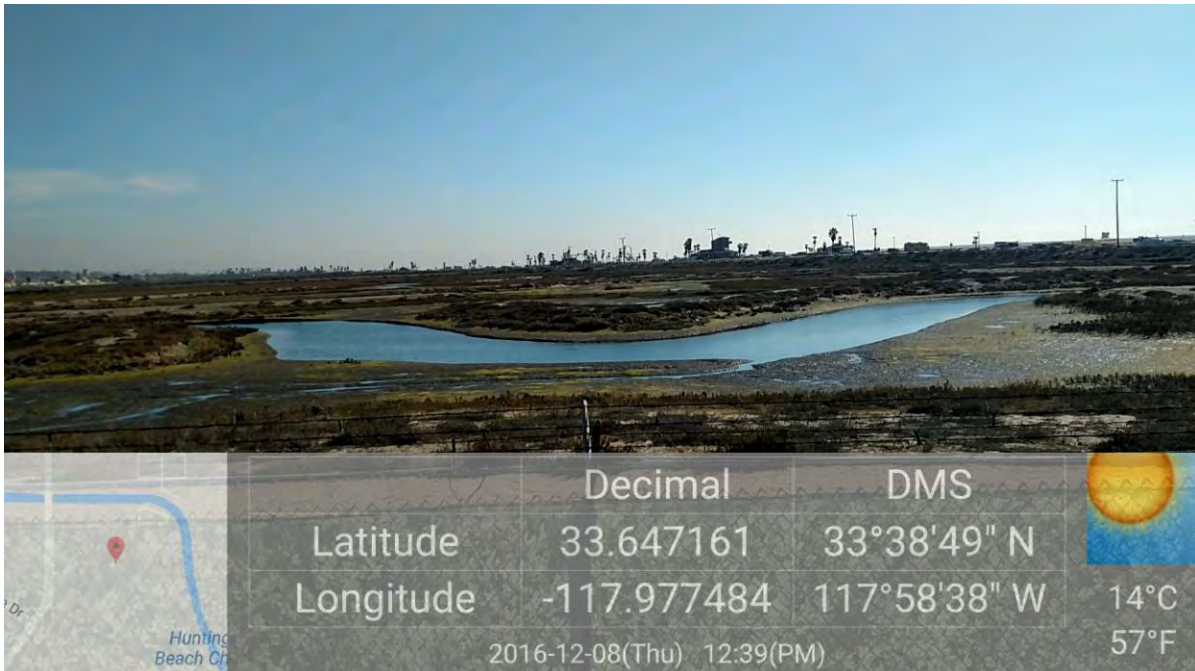
| AES Southland Development Huntington Beach Energy Project (HBEP)  |              |                |                             |               |                  |
|---|--------------|----------------|-----------------------------|---------------|------------------|
| BIOLOGICAL RESOURCES  |              |                |                             |               |                  |
| COMPLIANCE MONITORING LOG   |              |                |                             |               |                  |
| Date  |              | Monitor        |                             |               | Time (Begin-End) |
| December 8, 2016  |              | Melissa Fowler |                             |               | 11:00-14:00      |
| Temperature (°F)  | Humidity (%) | Wind (mph)     | Precipitation (Y/N, amount) | Visibility    | Weather Comment  |
| 64  | 60           | 7              | N                           | Good (9.0 mi) | 10% cloud cover  |
| Location(s) of Work Site Activities Monitored   |              |                |                             |               |                  |
| AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.   |              |                |                             |               |                  |
| Summary of Biological Resources Monitoring Observations   |              |                |                             |               |                  |
| <p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTP project site.</p> <p><b>Bird/Nesting Birds 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 great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) and great blue heron (<i>Ardea herodias</i>; CDF-S) were observed foraging in the Magnolia Marsh.</li> <li>California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; United States Department of Interior Bureau of Land Management [BLM] Sensitive [S], and United States Forest Service [USFS] Sensitive [S]) were observed loafing in the flood control channel.</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:</b></p> <ul style="list-style-type: none"> <li>Some of the visual screening was damaged during a high wind event and needs repaired.</li> <li>Litter was identified within the LNTP project area from the recent high wind event.</li> </ul> |              |                |                             |               |                  |
| Items Requiring Action/Follow-up  |              |                |                             |               |                  |
| <ul style="list-style-type: none"> <li>Visual screening needs repaired and trash removal is recommended after the high wind event.</li> </ul>   |              |                |                             |               |                  |
| Wildlife Species Observed:  |              |                |                             |               |                  |
| <p>American crow (<i>Corvus brachyrhynchos</i>), American wigeon (<i>Anas americana</i>), Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), bufflehead (<i>Bucephala albeola</i>), California brown pelican, cinnamon teal (<i>Anas cyanoptera</i>), great blue heron, great egret, Heermann's gull (<i>Larus heermanni</i>), hooded merganser (<i>Lophodytes cucullatus</i>), horned grebe (<i>Podiceps auritus</i>), house finch (<i>Haemorhous mexicanus</i>), least sandpiper (<i>Calidris minutilla</i>), snowy egret (<i>Egretta thula</i>), western gull (<i>Larus occidentalis</i>), white-crowned sparrow (<i>Zonotrichia leucophrys</i>), and whimbrel (<i>Numenius phaeopus</i>).</p>  |              |                |                             |               |                  |

Photo 1



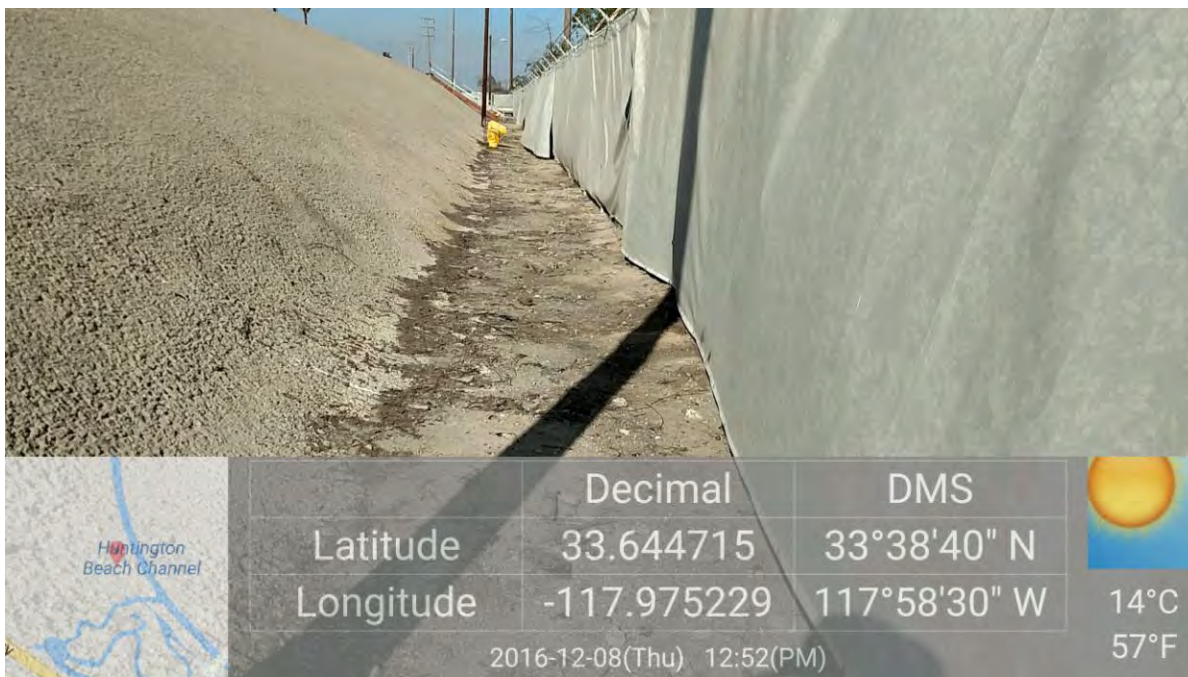
|          |                       |             |  |
|----------|-----------------------|-------------|--|
| Location | LNTP: peaker building | Description | Continued demolition of the peaker building. |
|----------|-----------------------|-------------|--|

Photo 2



|          |                   |             |  |
|----------|-------------------|-------------|--|
| Location | LNTP: fence line. | Description | Overview of the Magnolia Marsh from the LNTP fence line. |
|----------|-------------------|-------------|--|

Photo 3



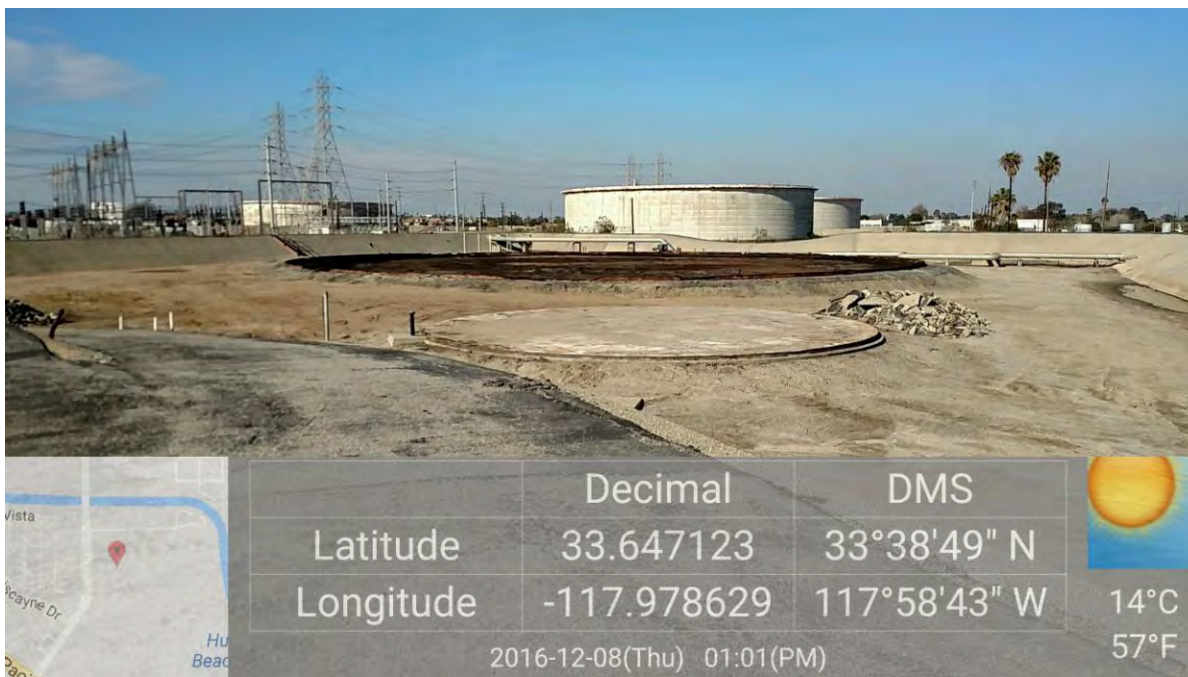
Location

LNTP fence line.

Description

LNTP fence line, facing east.

Photo 4



Location

LNTP fuel tank basin.

Description

Overview of the fuel oil tank basin.



| AES Southland Development Huntington Beach Energy Project (HBEP)  |              |                |                             |                  |                  |
|---|--------------|----------------|-----------------------------|------------------|------------------|
| BIOLOGICAL RESOURCES  |              |                |                             |                  |                  |
| COMPLIANCE MONITORING LOG   |              |                |                             |                  |                  |
| Date  |              | Monitor        |                             |                  | Time (Begin-End) |
| December 13, 2016   |              | Melissa Fowler |                             |                  | 10:30-13:00      |
| Temperature (°F)  | Humidity (%) | Wind (mph)     | Precipitation (Y/N, amount) | Visibility       | Weather Comment  |
| 63  | 73           | 3              | N                           | Average (5.0 mi) | 100% cloud cover |
| <b>Location(s) of Work Site Activities Monitored</b>  |              |                |                             |                  |                  |
| AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.   |              |                |                             |                  |                  |
| <b>Summary of Biological Resources Monitoring Observations</b>  |              |                |                             |                  |                  |
| <p>The biologist responded to a call from Josh Wynia/AES regarding an avian mortality and injury on site.</p> <p><b>Bird/Nesting Birds Observations:</b></p> <ul style="list-style-type: none"> <li>Biological monitoring was not conducted during the December 13, 2016 site visit.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>No special-status species were observed.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>One dead American coot (<i>Fulica americana</i>) was observed within the LNTP project area. The American coot was presumably dropped by a peregrine falcon (<i>Falco peregrinus</i>), see Photo 1 below.</li> <li>Another injured American coot was found by a water tank. Onsite personnel witnessed the American coot being dropped by a peregrine falcon and hit the water tank during its fall to the ground, see Photo 2.</li> <li>The Designated Biologist contacted the California Energy Commission's (CEC) Compliance Project Manager (CPM) to discuss a course of action for the injured bird. The bird was subsequently transferred to the Wetlands &amp; Wildlife Care Center, which is located at 21900 Pacific Coast Hwy, Huntington Beach, CA 92646.</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations:</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>None.</li> </ul>   |              |                |                             |                  |                  |
| <b>Wildlife Species Observed:</b>   |              |                |                             |                  |                  |
| American coot, Anna's hummingbird ( <i>Calypte anna</i> ), and western gull ( <i>Larus occidentalis</i> ).  |              |                |                             |                  |                  |

Photo 1



|          |                     |             |  |
|----------|---------------------|-------------|--|
| Location | LNTP: project site. | Description | A dead American coot located within the LNTP project site. |
|----------|---------------------|-------------|--|

Photo 2



|          |                     |             |  |
|----------|---------------------|-------------|--|
| Location | LNTP: project area. | Description | The injured American coot (adjacent to the red arrow). |
|----------|---------------------|-------------|--|

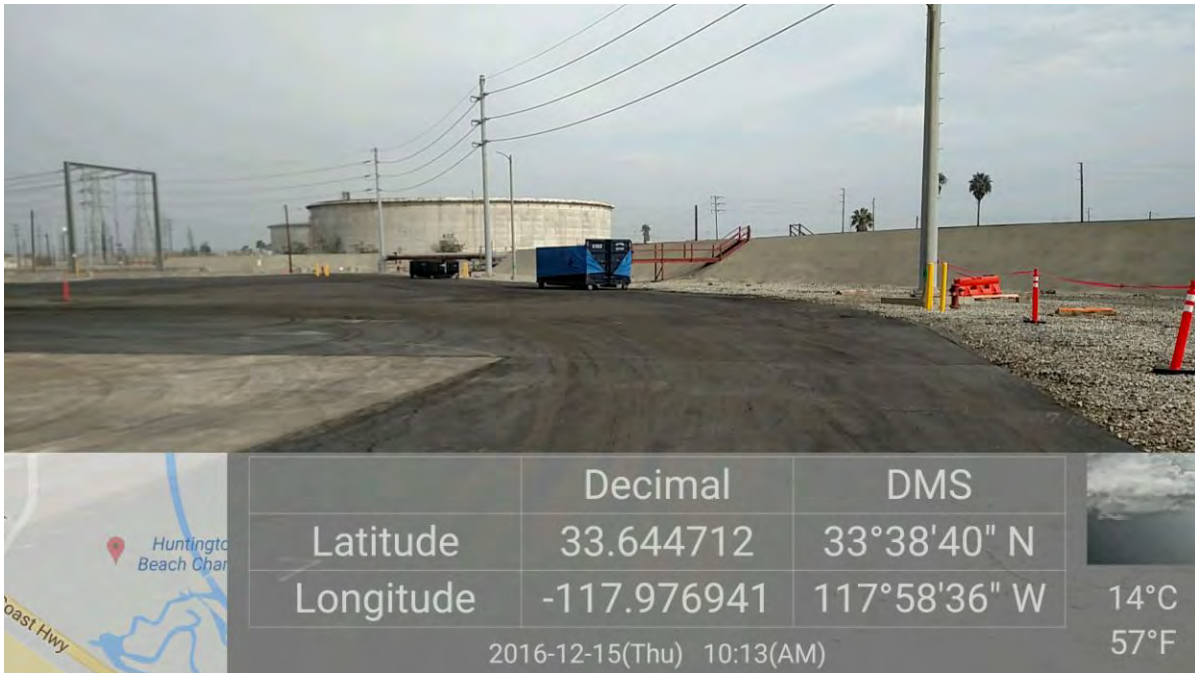
| AES Southland Development Huntington Beach Energy Project (HBEP)   |              |                |                             |                  |                  |
|--|--------------|----------------|-----------------------------|------------------|------------------|
| BIOLOGICAL RESOURCES   |              |                |                             |                  |                  |
| COMPLIANCE MONITORING LOG  |              |                |                             |                  |                  |
| Date   |              | Monitor        |                             |                  | Time (Begin-End) |
| December 15, 2016  |              | Melissa Fowler |                             |                  | 09:00-14:30      |
| Temperature (°F)   | Humidity (%) | Wind (mph)     | Precipitation (Y/N, amount) | Visibility       | Weather Comment  |
| 58   | 95           | 2              | N                           | Average (5.0 mi) | 100% cloud cover |
| Location(s) of Work Site Activities Monitored  |              |                |                             |                  |                  |
| AES HBEP Limited Notice to Proceed (LNTP) project disturbance area.  |              |                |                             |                  |                  |
| Summary of Biological Resources Monitoring Observations  |              |                |                             |                  |                  |
| <p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTP project site.</p> <p><b>Bird/Nesting Birds 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 great egret (<i>Ardea alba</i>; California Department of Forestry [CDF] Sensitive [S]) and great blue heron (<i>Ardea herodias</i>; CDF-S) were observed foraging in the Magnolia Marsh.</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>No additional observations were noted.</li> </ul> <p><b>Other Observations:</b></p> <ul style="list-style-type: none"> <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 coot (<i>Fulica americana</i>), American kestrel (<i>Falco sparverius</i>), Anna's hummingbird (<i>Calypte anna</i>), belted kingfisher (<i>Megasceryle alcyon</i>), bufflehead (<i>Bucephala albeola</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), double-crested cormorant, eared grebe (<i>Podiceps nigricollis</i>), Forster's tern (<i>Sterna forsteri</i>), great blue heron, great egret, house sparrow (<i>Passer domesticus</i>), killdeer (<i>Charadrius vociferus</i>), mallard (<i>Anas platyrhynchos</i>), ruddy duck (<i>Oxyura jamaicensis</i>), and white-crowned sparrow (<i>Zonotrichia leucophrys</i>).</p>  |              |                |                             |                  |                  |

Photo 1



|                 |                       |                    |  |
|-----------------|-----------------------|--------------------|--|
| <b>Location</b> | LNTF: peaker building | <b>Description</b> | Continued demolition of the peaker building. |
|-----------------|-----------------------|--------------------|--|

Photo 2



|                 |                     |                    |   |
|-----------------|---------------------|--------------------|---|
| <b>Location</b> | LNTF: project area. | <b>Description</b> | Overview of a portion of the LNTF project area. |
|-----------------|---------------------|--------------------|---|

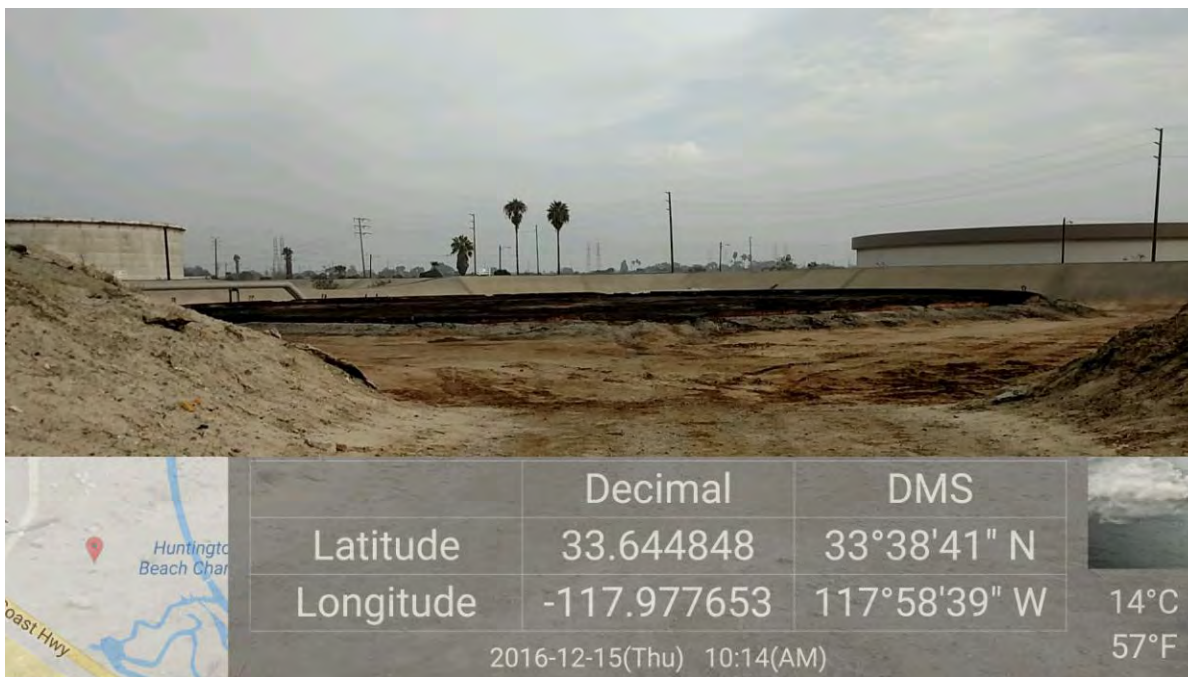


Photo 3



|                 |            |                    |   |
|-----------------|------------|--------------------|---|
| <b>Location</b> | LNTP berm. | <b>Description</b> | Overview of the Magnolia Marsh, during a high tide. |
|-----------------|------------|--------------------|---|

Photo 4

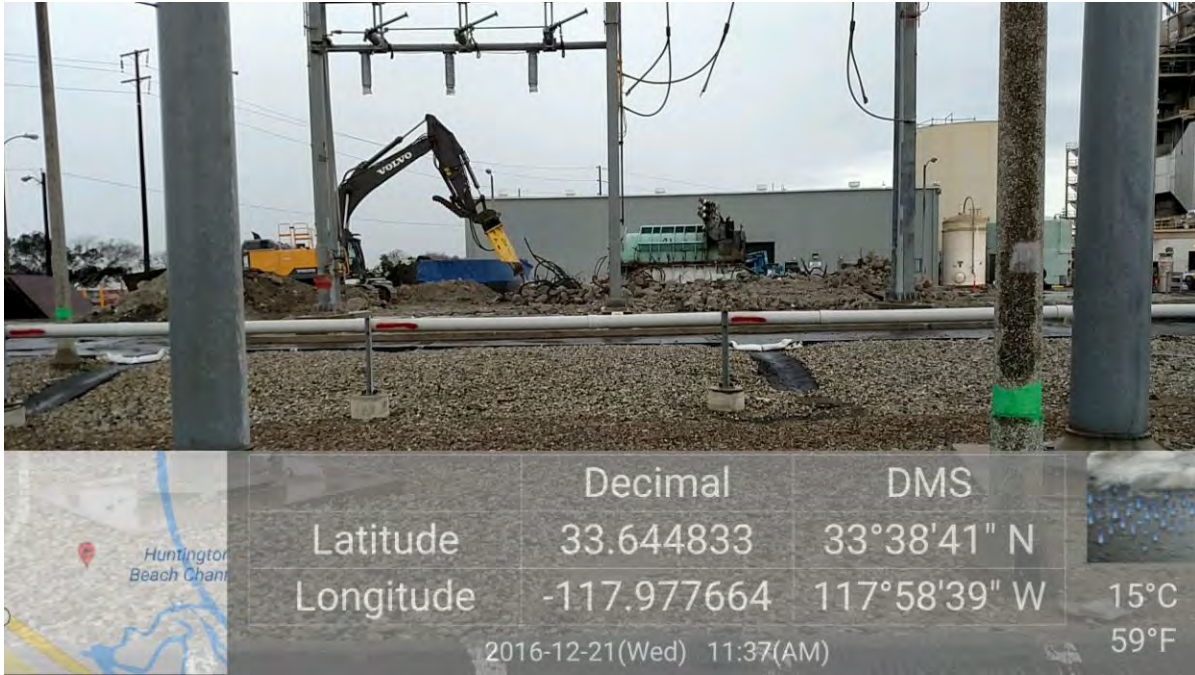


|                 |                 |                    |                                      |
|-----------------|-----------------|--------------------|--------------------------------------|
| <b>Location</b> | LNTP fuel tank. | <b>Description</b> | Overview of the fuel oil tank basin. |
|-----------------|-----------------|--------------------|--------------------------------------|



| AES Southland Development Huntington Beach Energy Project (HBEP)  |              |                |                             |               |                  |
|---|--------------|----------------|-----------------------------|---------------|------------------|
| BIOLOGICAL RESOURCES  |              |                |                             |               |                  |
| COMPLIANCE MONITORING LOG   |              |                |                             |               |                  |
| Date  |              | Monitor        |                             |               | Time (Begin-End) |
| December 21, 2016   |              | Melissa Fowler |                             |               | 11:00-13:00      |
| Temperature (°F)  | Humidity (%) | Wind (mph)     | Precipitation (Y/N, amount) | Visibility    | Weather Comment  |
| 59  | 64           | 4              | Y, 0.71 inches*             | 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.   |              |                |                             |               |                  |
| <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.</p> <p><b>Bird/Nesting Birds 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 great blue heron (<i>Ardea herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed foraging in 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> <li>American white pelicans (<i>Pelecanus erythrorhynchos</i>; California Department of Fish and Wildlife [CDFW] Species of Special Concern [SSC]) were observed loafing in the flood control channel.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>Coyote (<i>Canis latrans</i>) track were identified within the LNTF project site.</li> <li>No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>Biological monitoring event was suspended because of heavy rainfall.</li> <li>No additional observations were noted.</li> </ul> <p>*Rainfall data was obtained from Weather Underground. Available online at:<br/> <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 white pelican, blue-winged teal ( <i>Anas discors</i> ), cinnamon teal ( <i>Anas cyanoptera</i> ), double-crested cormorant, great blue heron, mallard ( <i>Anas platyrhynchos</i> ), and western gull ( <i>Larus occidentalis</i> ).  |              |                |                             |               |                  |

Photo 1



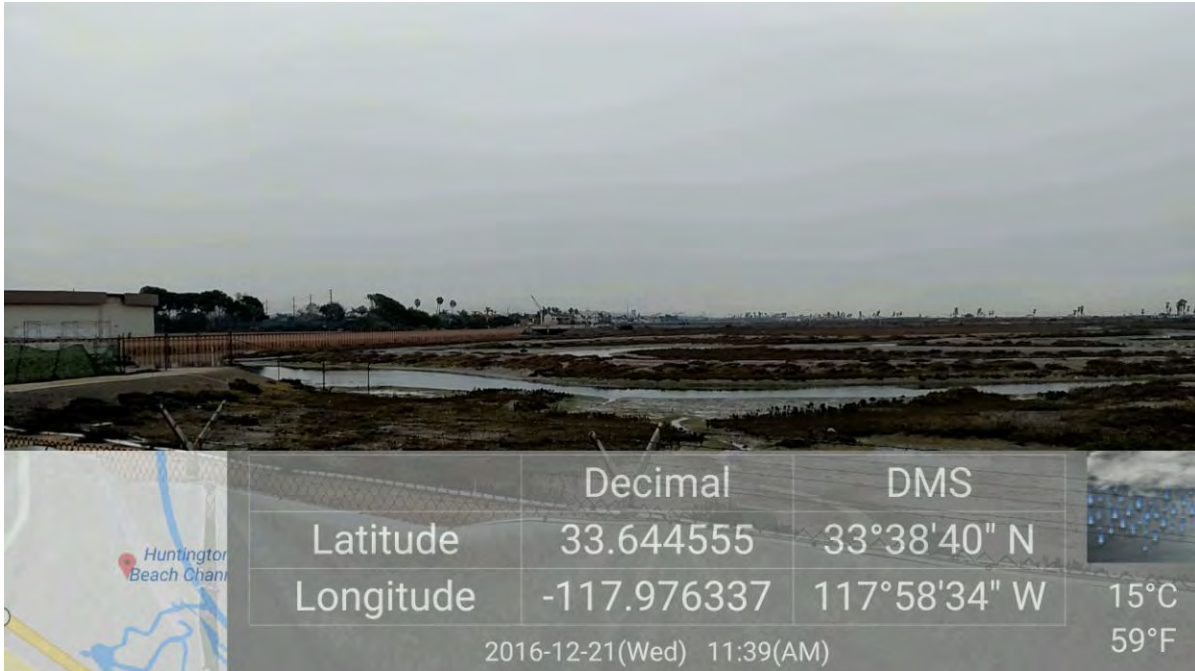
Location

LNTP: peaker building

Description

Continued demolition of the peaker building.

Photo 2



Location

LNTP: fence line.

Description

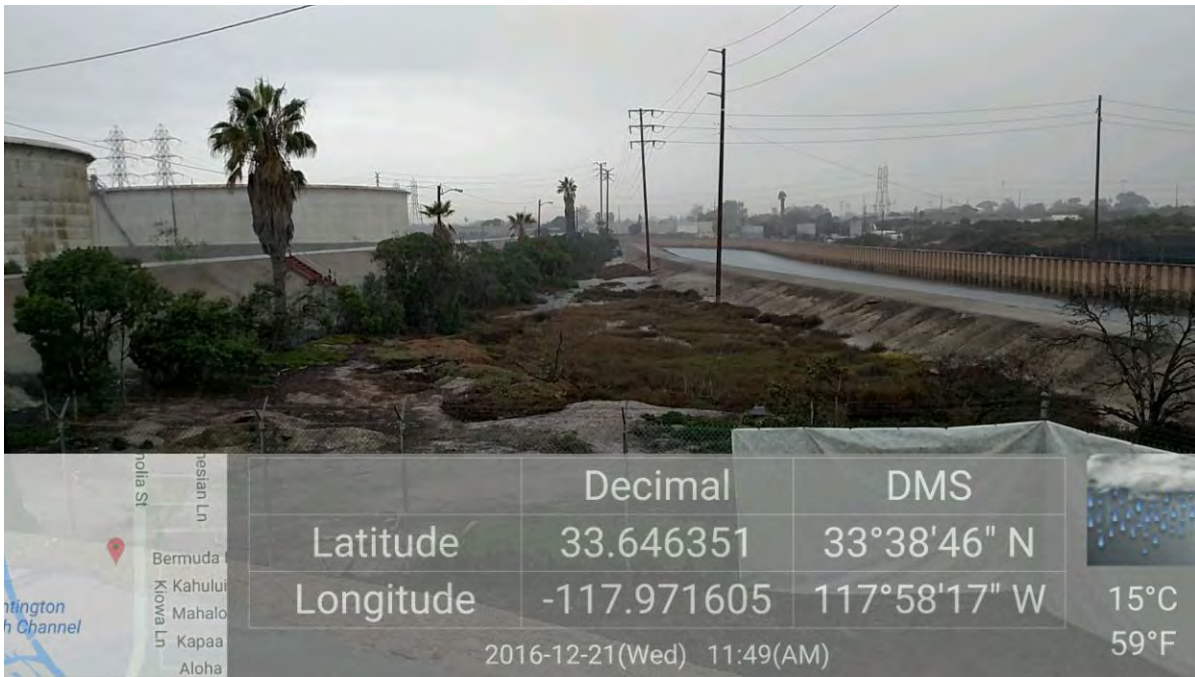
Overview of the Magnolia Marsh from the LNTP fence line.

Photo 3



|          |                 |             |  |
|----------|-----------------|-------------|--|
| Location | LNTP fuel tank. | Description | Overview of the fuel oil tank containment basin. |
|----------|-----------------|-------------|--|

Photo 4



|          |                  |             |  |
|----------|------------------|-------------|--|
| Location | LNTP fence line. | Description | Overview of the easement located east of the Upper Magnolia Marsh. |
|----------|------------------|-------------|--|

*Appendix C*  
*Observed Wildlife Species List*



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

| <b>Common Name</b>         | <b>Scientific Name</b>                     | <b>Status<br/>Federal/State/Other</b> |
|----------------------------|--|---------------------------------------|
| <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>Megascops asio</i>                      | --/--/--                              |
| Black phoebe               | <i>Sayornis nigricans</i>                  | --/--/--                              |
| Blue-winged teal           | <i>Anas discors</i>                        | --/--/--                              |
| Bufflehead                 | <i>Bucephala albeola</i>                   | --/--/--                              |
| Bushtit                    | <i>Psittacus minimus</i>                   | --/--/--                              |
| California brown pelican   | <i>Pelecanus occidentalis californicus</i> | --/WL/BLM: S, USFS: S                 |
| Cinnamon teal              | <i>Anas cyanoptera</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                          |
| Heermann's gull            | <i>Larus heermanni</i>                     | --/--/--                              |
| Hooded merganser           | <i>Lophodytes cucullatus</i>               | --/--/--                              |
| Horned grebe               | <i>Podiceps auritus</i>                    | --/--/--                              |
| House finch                | <i>Haemorhous mexicanus</i>                | --/--/--                              |
| House sparrow              | <i>Passer domesticus</i>                   | --/--/--                              |
| Killdeer                   | <i>Charadrius vociferous</i>               | --/--/--                              |
| Least sandpiper            | <i>Calidris minutilla</i>                  | --/--/--                              |
| Mallard                    | <i>Anas platyrhynchos</i>                  | --/--/--                              |
| Ruddy duck                 | <i>Oxyura jamaicensis</i>                  | --/--/--                              |
| Snowy egret                | <i>Egretta thula</i>                       | --/--/--                              |
| Western gull               | <i>Larus occidentalis</i>                  | --/--/--                              |
| Whimbrel                   | <i>Numenius phaeopus</i>                   | --/--/--                              |
| White-crowned sparrow      | <i>Zonotrichia leucophrys</i>              | --/--/--                              |
| <b>Mammals</b>             |  |                                       |
| 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 H  
Cultural Resources Monthly Summary  
Report

APPENDIX INTENTIONALLY LEFT BLANK



Appendix I  
Paleontological Resources Monthly  
Summary Report

APPENDIX INTENTIONALLY LEFT BLANK

## Appendix J

### Worker Safety

# CONTRACTOR SAFETY ORIENTATION TRAINING ACKNOWLEDGEMENT

### Proof of Contractor Orientation

[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]

## AES Huntington Beach Energy Project

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

[illegible]

## AES Huntington Beach Energy Project

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

[illegible]



Date: Dec 7, 2016

AES Monthly Toolbox Safety Training Meeting

TRAINER  
E.J. Penwell  
BEI/AES

| Company Name | Name: Print (top) Sign (bottom) | Topic                   |
|--------------|---------------------------------|-------------------------|
| GSD          | Gary Trai                       | Hazardous Communication |
| BEI          | Joeed Carl                      |                         |
| GSD          | Mike Hunter                     |                         |
| BEI          | Jeff McClarty                   |                         |
| GSD          | Steve Nowlett                   | Hazard Communication    |
| GSD          | Ronald Orozco                   |                         |
| GSD          | Ronald Orozco                   |                         |
| GSD          | Rafael Renteria                 |                         |
| GSD          | Alfonso Memije                  | Hazard Communication    |
| NVS          | Charles G. Am                   |                         |
| BEI          | M. Smith                        |                         |
|              |                                 |                         |



**Training Toolbox Talk: Hazard Communication – Chemical Hazards and Effects**

[Reference 1910.1200) / 1926.59]

AES-HB Dec 7 2016  
Monthly toolbox  
meeting  
E.J. Peneall  
BEI

OSHA's hazard communication standard, also known as the "employee right-to-know" standard, is designed to help protect workers from the hazards of exposures to harmful chemicals. An important section of that standard is a requirement that employees be informed about the chemical effects associated with the hazardous products we use at work.

However, you may not have heard of many of the terms that appear on some product labels and material safety data sheets to describe chemical hazards & effects, or the terms may not have been adequately defined. So here are some simple explanations of a few key terms:

- **Toxic** – Over-exposure to a toxic chemical can have a poisonous effect on a person, attacking their total body, or particular organs (example: prolonged exposure to arsenic is toxic to kidneys, lungs, the nervous system, and mucous membranes).
- **Carcinogen** – The chemical is believed to cause cancer when over-exposure occurs.
- **Irritant** – The chemical causes a reversible inflammatory effect (such as dermatitis) on living tissue (such as skin, mucous membranes, or lungs) at the site of contact.
- **Corrosive** – The chemical causes visible destruction of, or visible alterations in, living tissue at the site of contact (example: battery acid is corrosive, will "burn" the skin).
- **Sensitizer** – The chemical causes many people to develop an allergic reaction in tissue after repeated exposures (example: isocyanates used in the manufacture some paints and foam products are a sensitizer).
- **Acute Effects** – the effects of over-exposure to a particular chemical usually occur rapidly, as a result of short-term exposure, and are typically of short duration.
- **Chronic Effects** – the effects of over-exposure to a particular chemical generally occur as the result of long-term exposure, and are typically of long duration.
- **Flammable Liquid** – A liquid that emits enough vapors to catch on fire and burn at relatively low temperatures (below 100 degrees Fahrenheit). Example: gasoline is a flammable liquid).
- **Combustible Liquid** – A liquid that must be heated to 100 degrees Fahrenheit or higher to emit enough vapors to catch on fire and burn. Example: diesel is a combustible liquid.

These are very simple explanations of just some of the terms we hear used to describe health and physical hazards. So take the time to review the container label and SDS for any product that you are working with.

Any question or comment about these terms used to describe chemical hazards and effects?  
Please be sure to sign-in.

# EHS - All Observations

Owners Scope

Project Number: SLOS-HB 1/3/2017

| 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-0154    | Safety   | 161201 New Boom Lift on Site                    | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | High     | Closed | 12/6/2016     | 12/6/2016  | Today a new boom lift was delivered on site.   | Verified check list. Looked to see if safety manual and ANSI book is available, fire extinguisher is current and charged and a good sound condition. | 0                   |
| SO-0155    | Safety   | 161202 Cutting of Lube Oil Tank                 | AES             | EJ Penewell | Positive Observation | Hot Work             | High     | Closed | 12/6/2016     | 12/6/2016  | Welder using cutting torch is cutting lube oil tank for disposal.                                | Followed above described rules to make for safe and compliant work.  | 0                   |
| SO-0156    | Safety   | 161205 Audit of Excavator daily log             | AES             | EJ Penewell | Audit Finding        | Equipment/Tools      | High     | Closed | 12/6/2016     | 12/6/2016  | Excavator is required to be inspected in writing daily.  | Participated in the safety check list process with operator and the safety manager.  | 0                   |
| SO-0157    | Safety   | 161206 Cutting Turbo/Expander                   | AES             | EJ Penewell | Positive Observation | Hot Work             | High     | Closed | 12/7/2016     | 12/7/2016  | Welder cutting of turbo/expander to process for removal from site.                               | Provided all of the above items as required by OSHA. Hot work permit is attached.  | 0                   |
| SO-0158    | Safety   | 161207 Monthly Toolbox Training Mtg             | AES             | EJ Penewell | Positive Observation | Induction & Training | High     | Closed | 12/7/2016     | 12/7/2016  | December Monthly Safety Training Meeting was done for work team members.                         | Provided documents as required.  | 0                   |
| SO-0159    | Safety   | 161208 Removing insulation Plains Pipe          | AES             | EJ Penewell | Positive Observation | Other                | Medium   | Closed | 12/14/2016    | 12/14/2016 | Removal of insulation from piping inside berm that belongs to Plains All American Pipeline, L.P. | Contractor followed previously approved procedures to remove and dispose of insulation.  | 0                   |
| SO-0160    | Safety   | 161209 Turbo generator demo                     | AES             | EJ Penewell | Positive Observation | Other                | High     | Closed | 12/14/2016    | 12/14/2016 | Excavator removing debris around turbo generator to roll it off foundation for processing.       | Contractor has provided above requirements.  | 0                   |
| SO-0161    | Safety   | 161212 Turbo generator before and after         | AES             | EJ Penewell | Positive Observation | Other                | Critical | Closed | 12/15/2016    | 12/15/2016 | Generator is ready to be pushed over and that activity is on going.                              | Done as described above.   | 0                   |
| SO-0162    | Safety   | 161213 Loading product for hauling              | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | High     | Closed | 12/15/2016    | 12/15/2016 | Excavator is preparing spoils pile and loading into trucks for disposal.                         | Followed the plan laid out above.  | 0                   |
| SO-0163    | Safety   | 161214 Flame cutting of generator               | AES             | EJ Penewell | Positive Observation | Hot Work             | High     | Closed | 12/15/2016    | 12/15/2016 | Operator is cutting generator with flame cutting tool from boom lift.                            | As above mentioned.  | 0                   |
| SO-0164    | Safety   | 161215 Excavator Loading Concrete on Truck      | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | High     | Closed | 12/20/2016    | 12/20/2016 | Excavator is loading concrete product onto truck for hauling to landfill.                        | Parties followed above items to make for safe loading operation.   | 0                   |
| SO-0165    | Safety   | 161216 Excavator separating rebar from concrete | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | Medium   | Closed | 12/20/2016    | 12/20/2016 | Excavator is separating rebar from concrete to allow hauling of like materials for recycling.    | Followed above procedure.  | 0                   |
| SO-0166    | Safety   | 161219 Excavator Removes Cooler from Generator  | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | Medium   | Closed | 12/20/2016    | 12/20/2016 | Excavator removes cooler from generator after removal of protection plates.                      | Crew followed procedure outlined above.  | 0                   |
| SO-0167    | Safety   | 161220 Flame cut of generator                   | AES             | EJ Penewell | Positive Observation | Hot Work             | High     | Closed | 12/21/2016    | 12/21/2016 | Flame cutting of generator to reduce to a size to allow loading for removal from site.           | Followed procedure above.  | 0                   |
| SO-0168    | Safety   | 161221 Impalement hazard on scaffold fixed      | AES             | EJ Penewell | Positive Observation | Equipment/Tools      | High     | Closed | 12/22/2016    | 12/22/2016 | Safway had installed scaffold and noticed an impalement hazard existed.                          | Removed hazard as described above.   | 0                   |

# Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

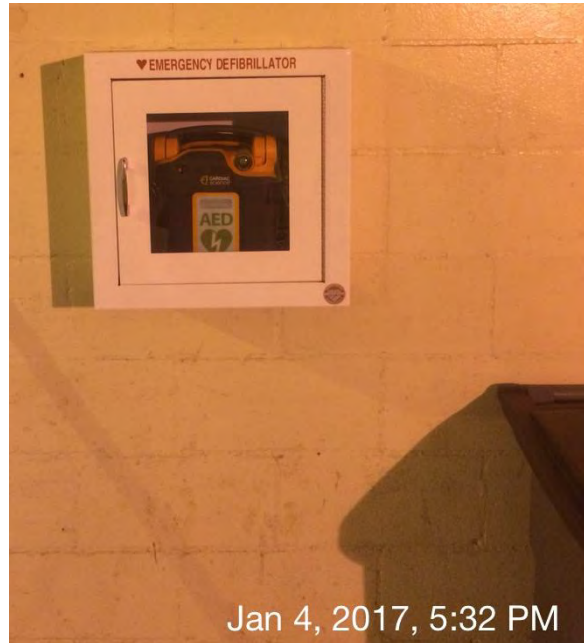
Updated: January 4, 2017

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



Location: Unit 1 and 2 Control Room

## Worker Safety - 5



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



Location: Maintenance Building

## Appendix K

### Visual Resources

# Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified December 2, 2016. The site experienced high winds for the next couple of day's delaying repairs. Repairs were completed as conditions allowed over several days December 2, 3, and 5.



Damaged Construction Screening(Looking South)



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



Screening following repairs. (Looking North)

# Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified December 22, 2016. Repairs were completed the same day.



Damaged Construction Screening



## Vis-3 Construction Screening Repairs



Screening following repairs.

# Vis-3 Construction Screening Repairs

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified December 28, 2016. Repairs were completed the same day.



Damaged Construction Screening

## Vis-3 Construction Screening Repairs



Screening following repairs.



# **Vis-3 Construction Screening Repairs**

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

The following section of construction screening was identified December 29, 2016. Repairs were completed the same day.



Damaged Construction Screening

## Vis-3 Construction Screening Repairs



Screening following repairs.

# Appendix L

## Changes to Conditions of Certifications



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

tel 562 493 7891  
fax 562 493 7320

April 27, 2016

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

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

Dear Mr. Veerkamp;

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

Sincerely,

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

Attachments

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

## Sene Viola

---

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

Good Morning Sene,

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

Let me know if you have any questions.

Eric W. Veerkamp  
Compliance Project Manager  
California Energy Commission  
1516 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

---

**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

---

**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  
December 2016

| 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 December 2016

\*Responders listed by initials:

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