

DOCKETED

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Project Title:	Huntington Beach Energy Project - Compliance
TN #:	218009
Document Title:	COM-6, HBEP Monthly Compliance Report (MCR) for April, 2017
Description:	COM-6, Monthly Compliance Report (MCR) for the Huntington Beach Energy Project LNTP for Demolition
Filer:	Eric Veerkamp
Organization:	AES Huntington Beach Energy, LLC
Submitter Role:	Applicant
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May 12, 2017

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

Subject: Huntington Beach Energy Project
 Docket No. 12-AFC-02C
 Monthly Compliance Report – 012 April 2017, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 012 for the Huntington Beach Energy Project for the month of April 2017, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

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

Joshua Wynia
Project Director

Enclosure

cc: Project File

REPORT

Huntington Beach Energy Project Monthly Compliance Report – 012

Report Period: April 2017

Prepared by:

AES Huntington Beach Energy, LLC

Submitted to:

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

May 12, 2017



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

List of Active Conditions April 2017

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

Acronyms and Abbreviations

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

1.0 Current Project Construction Status

The following section summarizes the current construction status for the Huntington Beach Energy Project (HBEP or project). The demolition contractor, GSD, completed removing and stockpiling of the asphalt and gunite coating from the east fuel oil tank berm. Stockpile material was hauled offsite for recycling at Ewles Materials.

GSD completed demolition of the earthen berm and begin hauling material offsite on April 7, 2017 to Philadelphia recycling mine (located in Mira Loma, CA) and completed on April 20, 2017. The soil was stockpiled along the parking lot to keep the truck route and staging within the paved parking lot to minimize track out and driving within the un-stabilized tank area.

GSD began preparing the large AST for closure. The gravel tank bottom was removed and stocked piled onsite in preparation for offsite disposal. Environmental Resource Management is providing oversight of the tank closure process and is completing all required analytical.

Kiewit completed the installation of test piles on April 6, 2017. Testing begin on April 11, 2017 on the 24" test piles and was completed on April 24, 2017. The remaining testing on the 18" piles will be completed in May.

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 removal of the gunite and asphalt covering on the east fuel oil tank berm, material was transferred offsite to be recycled.
- GSD continued removing and stock piling of earthen berm along west side of tank area in preparation for hauling offsite.
- GSD completed demolition of the earthen berm
- GSD completed hauling offsite the soil from the earthen berm
- GSD begin stockpiling of gravel and soil from the large AST tank bottom as part of the tank closure.
- GSD completed demolition of the turbine shelter.
- ERM started collecting soil samples from the AST tank bottoms
- Kiewit completed the installation of the 33 test piles at Huntington Beach on April 6, 2017
- Kiewit completed the load test (Compression and Axial) on the 24" piles. Remaining piles 18" piles will be tested on a future date.

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
	There were no CBO submittals for this reporting period	

4.0 Required Documents Submitted with this Report

4.1 Air Quality

This section summarizes the activities conducted in April 2017 to demonstrate compliance with Conditions of Certification (COCs) AQ-SC3, AQ-SC4, AQ-SC5, and AQ-SC6. The required information for these COCs is provided in the sections below and/or Appendix E.

4.1.1 AQ-SC3 Construction Fugitive Dust Control

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

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

During construction in April 2017, fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing and demolition activities. Signs have been posted at the entrance to the construction site limiting vehicle speeds to 10 miles per hour. In addition, existing speed limit signs throughout the facility limit vehicle speeds to

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

Table 4-1. Fugitive Dust Control Measures

AQ-SC3

Implementation Measure	Out of Compliance Trigger	In Compliance Trigger ^a	Results During Compliance Period
All Main Access Roads Onsite Are Paved or Stabilized	No – Dust Plumes Originating from Access Roads	Yes – No Dust Plumes Originating from Access Roads	Yes – In Compliance
All Unpaved Roads Onsite Are Stabilized	No – Dust Plumes Originating from Unpaved Roads	Yes – No Dust Plumes Originating from Unpaved Roads	Yes – In Compliance
All Disturbed Areas Are Watered As Necessary During Grading and Stabilized After Active Construction	No – Dust Plumes Originating from Disturbed Areas	Yes – No Dust Plumes Originating from Disturbed Areas	Yes – In Compliance
Maximum Speed Limit of 10 Miles Per Hour on Unpaved Surfaces	No – Vehicles Exceeding 10 Miles Per Hour on Unpaved Areas	Yes – Vehicles Travel 10 Miles Per Hour or Less on Unpaved Areas	Yes – In Compliance
Visible Speed Limit Signs Posted at Construction Site Entrances	No – No Signs Posted	Yes – Signs Posted	Yes – In Compliance. Ten mph speed limit is posted.
Wheel Inspection or Wash Stations in Place	No - Track-Out into Roadways Not Managed	Yes - No Track-Out Observed	Yes – In Compliance. Wheels inspected. Tire washing to be conducted if needed.
At Least 20-Foot-Long Gravel Ramps at Wheel Inspection/ Wash Stations	No – 20-Foot-Long Gravel Ramps Not Present	Yes – 20-Foot-Long Gravel Ramps Present	NA – Shaker plates installed. Gravel ramps to be installed as needed.
All Unpaved Exits Have Are Graveled or Treated	No – Dirt Entering Roadways	Yes - No Dirt Entering Roadways	Yes – In Compliance. Currently, there are no unpaved exits from construction site
Entrance Limited to Treated Roadways	No – Entrance Not Limited	Yes - Entrance Limited	Yes – In Compliance
SWPPP Control Measures Implemented	No – Contaminated Storm Water Runoff Found in Roadways	Yes – No Contaminated Storm Water Runoff found in Roadways	Yes – In Compliance. BMPs are installed.
Paved Area of Site Swept Daily or As Needed	No - Dirt / Debris Accumulated	Yes – Site Clean	Yes – In Compliance
At Least 500 Feet of Any Paved Roadway Exiting Site Swept As Needed	No – Visible Dirt within 500 Feet of Roadway Entrance	Yes - No Dirt Observed	Yes – In Compliance
Soil Storage Piles and Disturbed Areas Inactive for More Than 10 Days Are Covered or Treated	No – Dust Plumes Originating from Storage Piles and Disturbed Areas	Yes - No Dust Plumes from Storage Piles and Disturbed Areas	Yes – In Compliance

Table 4-1. Fugitive Dust Control Measures

AQ-SC3

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

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

4.1.2 AQ-SC4 Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that have the potential to be transported off the project site and within 400 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

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

No visible dust plumes with the potential to be transported offsite were observed in April 2017. Therefore, no additional dust control measures listed in AQ-SC4 were necessary. No air quality-related complaints were received during this reporting period.

4.1.3 AQ-SC5 Diesel-Fueled Engine Control

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

- A summary of all actions taken to control diesel construction related emissions;
- A list of all heavy equipment used on site during that month, showing the tier level of each engine and the basis for alternative compliance with this condition for each engine not meeting Part "b" or Part "c" requirements. The list shall include the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained; and
- Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.

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

- Takeuchi TL10CR Skid Steer Loader

- Volvo EC480EL Excavator
- Volvo A30G/Articulate Truck
- John Deere JD 210K Skip Loader
- SEBHSA Concrete Pump
- Casagrande B250 Drill Rig
- JLG G12-55A Forklift
- Genie S-85 Man Lift
- Extreme Boom XR3034
- Caterpillar 315F LCR Excavator
- HAMM H11ixP Compactor
- CASE 750M XLT Dozer
- Komatsu PC360LC-10
- John Deere 550K XLT Dozer
- Bobcat E85

Appendix E provides a table summarizing information about the engines including the CARB Engine Identification Number, tier and the dates the equipment was used 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 April 22, 2017. Records documenting sweeping activities are included in Appendix E.

4.2 Worker Environmental Awareness Program Training

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

The HBEP Designated Biologist provided on-site WEAP training on May 11, 2016, and subsequent training has been administered via electronic media. Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period. Forty six workers received training during this reporting period. A total of 303 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 during this monthly reporting period are summarized and included in Appendix G.

4.4 Cultural Resources

4.4.1 CUL-5 Cultural Resources Worker Environmental Awareness Program

The cultural resources portion (CUL-5) of the Worker Environmental Awareness Program (WEAP) was approved on June 28, 2016, thus satisfying all components of the WEAP. As required by CUL-5 Cultural Resources WEAP, until ground disturbance is completed, the project owner shall provide the WEAP Certification of Completion forms for workers who have completed the training in the prior month and a running total of all persons who have completed training to date. See Section 4.2 for number of workers trained during this reporting period and total workers who have received WEAP training for the project.

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

4.4.2 CUL-6 Undiscovered Cultural Resources

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

Activities associated with paleontological resources during this monthly reporting period are summarized and included in Appendix I.

4.5 Paleontological Resources

This section summarizes the activities conducted in April 2017 to comply with COCs PAL-3, PAL-4, PAL-5 and PAL-6. The information required, as stipulated in the approved Paleontological Resources Management Plan (PRMMP), is provided in the sections below and in Appendix I.

4.5.1 Paleontological Resources Awareness Training

As required by COCs PAL-4 and PAL-5, Worker Environmental Awareness Program, Paleontological Resources Awareness Training was provided this month to crew members operating and accompanying the drilling rig during the Test Pile drilling program, ground disturbance for which continued through April 6, 2017, and concluded on that date. Certifications of WEAP completion, with the names of those trained, the trainer, and type of training (in-person and/or video) provided, and the running total of persons who have completed training to date. Appendix F includes signed WEAP Training Acknowledgment forms for this reporting period.

4.5.2 Paleontological Resources Monitoring

Paleontological resources monitoring, in accordance with COCs PAL-3 and PAL-6, concurrent with ground disturbance for the Test Pile drilling program, continued through to its completion on April 6, 2017. The Paleontological Resources Specialist (PRS) was kept apprised of the progress of the drilling, and the nature of the sediments and biotic remains being encountered, by the on-site Paleontological Resources Monitor (PRM). Cooperation and coordination between on-site personnel and the PRM were assured proper monitoring.

The results of paleontological resources monitoring concluding April 6, 2017 are presented in Appendix I, the Paleontological Resources Summary Report. No potentially significant paleontological resources were encountered during this drilling. No additional paleontological resources monitoring is anticipated until the start of construction.

4.6 Visual Resources

In compliance with VIS-3, the 12ft construction screening was completed on March 10, 2017. No VIS-3 construction screening repairs were needed during this monthly reporting period.

4.7 Waste Management

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

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

Table 4-2. Pounds of Waste Generated By Type

	Non-hazardous Waste	Non-hazardous Waste - Recycled	Hazardous Waste - Disposed	Hazardous Waste - Recycled	Concrete Waste - Recycled	Scrap Metal - Recycled	C & D	Total Pounds Generated	Total Pounds Recycled	Percent Recycled
2016 Annual Total	379,893	0	243,029	224,178	5,040,000	3,303,180	13,365	9,203,645	8,567,358	93%
2017 Annual Total	1,207	42,912,000	54,043	0	4,400,000	732,090	11,805	47,711,145	47,644,090	100%
January	1,207	0	18,662	0	0	472,782	1,215	493,864	472,780	96%
February	0	0	1,1661	0	2,280,000	133,320	45	2,415,026	2,413,320	100%
March	0	0	33,720	0	0	89,740	10,545	134,005	89,740	67%
April	0	42,912,000	0	0	1,720,000	36,250	0	44,668,260	44,668,260	100%
Project to Date Total	381,100	42,912,000	297,072	224,178	9,040,000	4,035,270	25,170	56,914,790	11,543,198	99%

4.8 Worker Safety

4.8.1 WORKER SAFETY-3 Construction Safety Supervisor

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

- Record of all employees trained for that month (all records shall be kept on site for the duration of the project);
- Summary report of safety management actions and safety-related incidents that occurred during the month;

- Report of any continuing or unresolved situations and incidents that may pose danger to life or health; and
- Report of accidents and injuries that occurred during the month.

4.8.1.1 Safety Training

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

4.8.1.2 Safety Management Actions and Safety Incidents

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

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

4.8.1.3 Continuing or Unresolved Situations

- None to report.

4.8.1.4 Accidents and Injuries

Incident alerts for this monthly reporting period are included in Appendix K.

4.8.2 WORKER SAFETY-5 Automatic External Defibrillator

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

5.0 Compliance Requirements Completed During the Reporting Period

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

Table 5-1. Compliance Submittals During the Reporting Period

COC	Description	Date Submitted	CEC Approval Date	Status
TRANS-3	Berm Removal Transportation Plan – Additional Info	4/3/2017	4/5/2017	Approved

6.0 Compliance Submittals Pending Approval

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

7.0 Changes to Conditions of Certification

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

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

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

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

7.2 WORKER SAFETY-1 Project Construction Safety and Health Program

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

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

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

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

7.4 TRANS-3 Traffic Control Plan

Due to the changes in the LNTF scope of work regarding offsite transportation and disposal of soils from the berms that were originally to remain on site, TRANS-3 was submitted for approval on March 20, 2017.

8.0 Filings/ Permits Issued by Governmental Agencies

During this reporting period notification to AQMD for excavation of soils contaminated with more than 50 parts per million of volatile organic compounds were obtained. Copies of the permits are included in Appendix M.

9.0 Complaints, Notices of Violations, Warnings and Citations

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

As required by NOISE-1 a public notification process was established for the HBEP LNTF. The hotline was activated on June 1, 2016, and since has received 40 calls with no complaints received. The hotline received three calls in the month of April 2017. Call log is included in Appendix N.

Appendix A

Construction Schedule

AES HBEP OWNER'S COMPLETION SCHEDULE (MERGED W/NTP) 5-5-17				LNTP Activities Only				08-May-17 12:31															
Activity ID	Activity Name	OD	Duration % Complete	Start	Finish	TF	Activity Status	Responsible Party	Program Manager	Co-responsible Person 1	Co-responsible Person 2	2017											
												May				June				July			
												30	07	14	21	28	04	11	18	25	02	09	16
AES HBEP OWNER'S COMPLETION SCHEDULE (MERGED W/NTP) 5-5-17				165	67.97%	19-Jan-17 A	18-Jul-17	0															
Prepare and Submit LNTP COC Submittals				165	70.99%	30-Jan-17 A	11-Jul-17	5															
Utility Construction Risk Management				165	81.26%	30-Jan-17 A	16-Jun-17	22															
Environmental Assessment				165	81.26%	30-Jan-17 A	16-Jun-17	22															
Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances				9	77.78%	26-Apr-17 A	08-May-17	14															
OSHB-2030 Development of Summary Report				9	77.78%	26-Apr-17 A	08-May-17	14	In Progress	WAR													
LNTP (Prep & Execution)				165	81.26%	30-Jan-17 A	16-Jun-17	22															
OSHB-2090 LNTP Scope Completion				0	0%		26-May-17	2	Not Started	AES													
Demolition				23	34.78%	29-Mar-17 A	25-May-17	1															
Demo AES and Plains Abandoned Oil Lines				23	34.78%	29-Mar-17 A	25-May-17	1															
OSHB-2270 Disconnect 66KV				23	34.78%	29-Mar-17 A	25-May-17	1	In Progress	SCE													
Soil Remediation Beneath Storage Tank				21	23.81%	27-Apr-17 A	26-May-17	0															
OSHB-2350 Site Remediation				4	50%	27-Apr-17 A	08-May-17	0	In Progress	AES													
OSHB-2370 DTSC and CUPA review and approval				15	0%	08-May-17	26-May-17	0	Not Started	CUPA													
OSHB-2360 Prepare / Submit Remedial Conformation Report to DTSC and CUPA				0	0%		08-May-17*	0	Not Started	CUPA													
Kiewit Offsite Preparation				127	75.68%	30-Jan-17 A	16-Jun-17	22															
Land Purchase\Leasing\ROW				73	64.38%	20-Feb-17 A	09-Jun-17	1															
Land Purchase of SCE (Golden Triangle)				28	46.43%	04-Apr-17 A	25-May-17	1															
Preparation and Turnover Activities for KPC				53	9.43%	24-Apr-17 A	11-Jul-17	-22															
AES HBEP NTP SCHEDULE 4-11-17				73	27.4%	19-Jan-17 A	18-Jul-17	0															
Major Milestones				73	27.4%	19-Jan-17 A	18-Jul-17	0															
Kiewit Test Pile Program				9	0%	10-May-17	19-May-17	7															
OSHB-8000 Complete Test Pile 1-1				0	0%		10-May-17*	7	Not Started	KPC	Kris	Josh											
OSHB-8010 Complete Test Pile 1-2				0	0%		10-May-17	10	Not Started	KPC	Kris	Josh											
OSHB-8040 Complete Test Pile 3-1				0	0%		11-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8050 Complete Test Pile 3-2				0	0%		12-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8060 Complete Test Pile 1-3				0	0%		13-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8100 Complete Test Pile 3-3				0	0%		13-May-17*	8	Not Started	KPC	Kris	Josh											
OSHB-8070 Complete Test Pile 1-4				0	0%		15-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8110 Complete Test Pile 3-4				0	0%		16-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8120 Complete Test Pile 1-5				0	0%		17-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8160 Complete Test Pile 3-5				0	0%		18-May-17	7	Not Started	KPC	Kris	Josh											
OSHB-8130 Complete Test Pile 1-6				0	0%		19-May-17	7	Not Started	KPC	Kris	Josh											


Actual Work

Remaining Work

Critical Remaining Work

Milestone

Page 1 of 1

AES
the power of being global

Appendix B

Key Events

Key Event List

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

EVENT DESCRIPTION	DATE
Certification Date	Oct 29, 2014
Petition to Amend Submitted	Sept, 17 2015
POWER PLANT SITE ACTIVITIES	
Asbestos and Lead Surveys	Sept 22, 2015
Phase I - Soil Sampling - HRA	Feb 12, 2016
Site Survey and LIDAR Scan	Mar 23, 2016
GeoTech Field Work	April 1, 2016
AQMD Notification for Abatement	April 12, 2016
Phase 2 - Soil Sampling - HRA	May 10, 2016
Lead and asbestos Abatement	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTF Owners scope	Aug 10, 2016
Clean and Cap Fuel Oil Lines	Jul 25, 2016
Office Trailers (CBO and AES)	Sept 2, 2016
Mobilizations for Demo	Aug 15, 2016
Demo Fuel Oil Tank	Aug 29, 2016
Demo Oil Lines and 66KV	Oct 3, 2016
Demo Fuel oil Tank Final	Oct 31, 2016
Demo Peaker Building	Oct 12, 2016
Removal of Berms	April 7, 2017
Site Remediation (If required)	Apr 20, 2017
Issue of NTP for Construction	June 1, 2017

Appendix C

CEC Compliance Matrix

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

Color Code Key

Not submitted to CEC.

Submitted to CEC; pending approval.

HBEP response to CEC questions pending.

CEC approved.

Conditions of Certification	Title	Lead Response Party	Lead Person	Internal Draft Date	Planned Date to CEC	Date sent to CEC, CBO, or Agency	CEC Status	Actions/Comments
CUL-1	Appointment and Qualifications of Cultural Resources Specialist (CRS)	CH2MHill				9/18/2015	Approved	CEC staff requested that CH2M Hill revise the resumes to reflect the qualifications defined by the COC and DOI standard. Mason tasked on 10/20 to revise resumes per CEC memo. CH2MHill submitted amended documents on 10/28/15. Resumes resubmitted to CEC on 12/9/15. Review status with CEC on next call. CEC provided comments on 4/4/16. CH2M addressing comments and provide updated resumes 4/18/16. CH2M provided resumes to AES for review 4/18/16. CH2M provided to AES for review 4/20/16, AES provided comments back, CH2M to submit for review 4/20/16. Re-submitted to CEC for approval 4/22/16. CEC provided comments 5/23/16, CH2M addressing comments, provide to AES by 6/7/16. Responded to CEC's comments 6/9/2016 regarding Natalie Lawson's resume, waiting on approval. CH2M addressing comments from CEC based on concall with CEC Cultural Staff on 6/13/16. Responded to CEC's comments on 6/16/16, waiting on approval. Approved 6/17/2016.
CUL-2	Information to be Provided to CRS	CH2MHill				9/18/2015	Approved	Tied to CUL-1. Status to be updated after CUL-1 review with CEC. Review status with CEC on next call. Waiting on approval of CUL-1, once CUL-1 is approved all other CUL COC's should fall into place. Approved 6/30/16.
CUL-3	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Draft submitted by CH2MHill on 10/30/15. For AES review and comment. AES and Talperion submitted comments to BRMIMP on 12/3/15. Review of this document was halted due to similarity with BRMIMP comments. CH2M Hill is currently addressing comments to BRMIMP (which should also address this document). CH2M to send WEAP for review by 2/10/16. AES to review and provide comments by 2/19/16. CH2M submitted CRMMP to AES 2-10-16. AES will review and provide comments mid-week (2/17/16). AES to provide comments by 2/24/16. CH2M submitted final draft on 2/25/16. Submitted to CEC for approval 3/9/16. CEC provided comments 4/11/16. CH2M addressing comments and to submit for review 4/19/16. AES reviewing document, will provide to CH2M by COB 6/6/16. Re-submitted to CEC for approval 6/9/2016. CEC provided comments on 7/6/16. CH2M to provide CRMMP to AES 7/12/16. AES provided comment to CH2M on 7/19/16. Re-submitted to CEC for approval 7/21/16. CEC provided comments on 8/1/16. Re-submitted to CEC for approval 8/1/16. Received approval from Gabriel Roark on 8/1/16. Approved 8/3/16.
CUL-5	Cultural Resources Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	Combined CUL, BIO, and Paleo. See BIO-6 status above. CEC provided comments on 4/8/16. CH2M addressing comments and will submit for review by 4/12/16. CH2M submitted to AES for review 4/15/16. RE-submitted to CEC for approval 4/20/16. CEC provided comments on 6/14/16, CH2M addressing comments, revised documents to AES by COB 6/20/2016. Re-submitted to CEC for approval 6/27/16. Approved 6/28/16.
CUL-6	Undiscovered Cultural Resources	AES				10/2/2015	Approved	Received electronic form from CEC. Submitted. CEC advise this is complete.
CUL-7	Power of CRS	AES				9/18/2015	Approved	Tied to CUL-1. Review status with CEC. Waiting on approval of CUL-1, once CUL-1 is approved all other CUL COC's should fall into place. Approved 6/30/16.
GEO-2	Compliance with City of Huntington Beach Municipal Code Section 17.04.085	AES					Approved	CEC provided comments on 6/16/2016. AES addressing comments. AES responded to CEC's comments 6/23/16. CEC provided comments on 7/7/16. AES addressed comments to CEC on 7/14/16. AES sent reports to HBFD on 7/20/16. Approved 8/29/16.
HAZ-7	Hazardous Materials	AES				9/18/2015	Approved	9/24/2015
NOISE-1	Public Notification Process	AES					Approved	CH2M Hill sent property owner's notification list. AES to establish 800 # for complaints and AES procedure for monitoring and responding to complaints. CH2MHill can do this but needs 7-8 working days prior to start date to get information to get together for mailing. Powell to work with Stephen to determine date (AES to Complete). Submitted to CEC for approval 5/31/16. Approved 7/13/16.
NOISE-3	Employee Noise Control Program	AES					Approved	AES to review existing worker safety noise control and prepare submittal specific to LNTF as appropriate. AES to Complete. Submitted to CEC for approval 6/27/16. Approved 7/13/16.

Conditions of Certification	Title	Lead Response Party	Lead Person	Internal Draft Date	Planned Date to CEC	Date sent to CEC, CBO, or Agency	CEC Status	Actions/Comments
NOISE-6	Construction Restrictions	AES				9/18/2015	Approved	Acknowledgement of hours restriction sent. Noise that draws a legitimate complaint (for the definition of "legitimate complaint", see the footnote in Condition of Certification NOISE-2). Talperion to check status with CEC. 3/15/16
PAL-1	Appointment and Qualifications of Paleontological Resource Specialist (PRS)	CH2MHill				9/18/2015-3/20/17	Approved	10/19/2015. Submitted Resume of Richard Serrano as PRM to CEC for approval 3/20/17. Approved 4/11/17.
PAL-2	Documents Provided to the PRS	CH2MHill				9/18/2015	Approved	10/19/2015
PAL-3	Paleontological Resources Monitoring and Mitigation Plan (PRMMP)	CH2MHill				3/9/2016	Approved	CH2M Hill to provide AES data request and internal AES review draft date in Monday, 10/5 call. Still pending 10/5. Submitted by CH2MHill on 10/30/15. For AES review and comment. Review of this document was halted due to similarity with BRMIMP comments. CH2M Hill is currently addressing comments to BRMIMP (which should also address this document). CH2M to send for review by 2/10/16. AES to review and provide comments by 2/19/16. CH2M submitted PRMMP to AES 2-10-16. AES will review and provide comments mid-week (2-17-16). CH2M submitted final draft on 2/25/16. Submitted to CEC for approval 3/9/16. Approved 4/4/16
PAL-4	Preparation of Worker Environmental Awareness Program (WEAP)	CH2MHill				10/2/2015	Approved	10/26/2015. Approved 4/4/16 based on WEAP submittal from 3/9/16.
SOIL&WATER-1	NPDES Construction Permit Requirements	AES					Approved	No submittals identified and 9/11 meeting, but CBO identified as requirement. Current LNTF plan will leave operational SWPPP in place through 2015-16 season. Submitted to CEC for approval 6/7/2016. Approved 7/13/2016.
SOIL&WATER-2	Hydrostatic Water Discharge Permit Requirements	AES	Powell					No Hydrostatic water discharge expected during LNTF.
TRANS-3	Traffic Control Plan	AES				3/20/2017	Approved	Submitted to CEC for approval 3/20/17. Approved 4/5/17.
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 Jennifer and CH2M for Wed 2/24/16. CH2M to provide draft for AES review 3/7/16. CH2M submitted 2 version of draft to AES for review 3/11/16. AES to provide comments to CH2M today 3/14/16. AES to send proposal to CEC 3/28/16. Submitted to CEC for approval 4/1/16. Received comments from CEC 4/7/16 via con call. Re-submitted for approval 4/12/16. CEC provided comments 4/22/16. CH2M addressing comments, to provide for review by 4/27/16. Re-submitted to CEC for approval 4/27/16. CEC approval 5/3/16. Submitted Construction Screening Addendum 11-11-16. Re-submitted addendum with an installation timeline 11/16/16. Approved 11/30/16. Submitted Comprehensive landscape and site restoration plan 12/6/16. After discussion with CEC on 12/9/16, AES re-submitted plan on 12/13/16. CEC provided comments on 1/18/17.
WASTE-1	Waste Management	AES				6/28/2016	Approved	Pending assessment results. Prior to geotech work. Establish due date after assessment. AES to provide. Submitted to CEC for approval 6/28/16. Approved 7/13/2016.
WASTE-2	Waste Management	AES					Approved	Asbestos Demolition Notification Form. Pending contractor selection and completion of AQMD notification form. AES to provide. Submitted to CEC on 4/19/16, no comment required. Approved 5/23/16
WASTE-3	Registered Engineer or Geologist Resume	CH2MHill				4/1/2016	Approved	10/27/2015. Submitted with Sally Drinkard's resume for CEC approval 4/1/16. Approved 4/7/16
WASTE-5	Waste Management	AES				3/25/2016	Approved	CH2M Hill draft Waste Management plan underway. Plan will address the entire project. Submittal by CH2MHill on 10/28/15. For AES review and comment. AES to resubmit comments. CH2M to review comments from AES and submit by 2/10/16. AES to review and provide comments by 2/24/16. AES to review and provide comments by 3/7/16. Submitted to CEC for approval 3/25/16. Approved 4/7/16

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

Appendix D

CBO Documentation

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

Critical

				Color code key:	Demolition Item	Construction	Closeout Item	Date Submitted to CEC or Agency	Date Approved by CEC or Agency	
Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status	
CIVIL-01	CONSTRUC TION		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan. 2. An erosion and sedimentation control plan. 3. A construction storm water pollution prevention plan (SWPPP). 4. Related calculations and specifications, signed and stamped by the responsible civil engineer. 5. Soils, geotechnical, or foundation investigations reports required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading the project owner shall submit the documents described above to the CBO for design review and approval. In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading.		5/24/2017			
CIVIL-02	CONSTRUC TION		The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions.					
CIVIL-03	CONSTRUC TION		The project owner shall perform inspections in accordance with the 2013 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following monthly compliance report.	Within 5 days of discovery of any discrepancies.					
CIV-04	CLOSE OUT		After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work.					
ELEC-01	DEMO		Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the TRANSMISSION SYSTEM ENGINEERING section of this document.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction.					
		Temporary Power for Trailers							KW to do inspection on temp. power set up at Peaker Building on 5/19/16	
		Design of Power Connection					8/24/2016	8/27/2016	APPROVED	
		Installation of Power Connection								
		Temporary Power for Demolition Activities							APPROVED	
✓	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					

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-02	DEMO		Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures, systems, and equipment, including the architectural visual enhancement specified in the VISUAL RESOURCES section. Major structures, systems, and equipment are structures and their associated components or equipment that are necessary for power production, costly or time consuming to repair or replace, are used for the storage, containment, or handling of hazardous or toxic materials, or could become potential health and safety hazards if not constructed according to applicable engineering LORS. The schedule shall contain the date of each submittal to the CBO.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO and to the CP2. Major structures and equipment shall be added to or deleted from the list only with CPM approval. The project owner shall provide schedule updates in the monthly compliance report.M the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, equipment, and the architectural enhancement features defined above in Condition of Certification GEN-2.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading.				KW to talk with TP and JW on timing and submittals what submittals will demo contractor provide to CBO for review?
GEN-03	DEMO		The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2013 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.	The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.				COMPLETED / on-going
GEN-04	DEMO		Prior to the start of rough grading, the project owner shall assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	At least 30 days prior to the start of rough grading.				RE (AES Person) shall be named at time of rough grading. Rough grading is not included in demo.
GEN-05	CONSTRUC TION		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering geologist.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologist assigned to the project.	At least 30 days prior to the start of rough grading.				
GEN-06	CONSTRUC TION		Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection.				
GEN-07	CONSTRUC TION		If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	The project owner shall transmit a copy of the CBO's approval or disapproval solve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.				
GEN-08	CLOSE OUT		The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report,(a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective				
GEO-01	CONSTRUC TION		A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and tsunامي. 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 tsunامي, 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				

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	✓	GEO-02	CONSTRUC TION		The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.	advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain				COMPLETED
		HAZ-07	DEMO		Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the construction area 2. security guards 3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors 4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency 6. evacuation procedures	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.	CBO's approval.				
				Construction Site Security Plan					8/12/2016		COMPLETED
	✓	NOISE-06	DEMO		Heavy equipment operation and noisy6 construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed. Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance.				
				Letter of Acknowledgement						6/27/2016	COMPLETED
		S&W-01	DEMO		The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	Thirty (30) days prior to site mobilization of HBEP construction activities.				
				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.

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	S&W-04	DEMO		Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to HBEP operation, the project owner shall submit to the CPM a copy of the Industrial SWPPP.	Prior to construction mobilization.				
			NPDES Permit						6/28/2016	COMPLETED
			Monthly Non-Compliance Report							To be included in MCR
	STRUC-01	DEMO		Prior to the start of any increment of construction, the project owner shall submit plans, calculations and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. The project owner shall: 1. Obtain approval from the CBO of lateral force procedures proposed for project structures. 2. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. If there are conflicting requirements, the more stringent shall govern (for example, highest loads, or lowest allowable stresses shall govern). All plans, calculations, and specifications for foundations that support structures shall be filed concurrently with the structure plans, calculations, and specifications. 3. Submit to the CBO the required number of copies of the structural plans, specifications, calculations, and other required documents of the designated major structures prior to the start of on-site fabrication and installation of each structure, equipment support, or foundation. 4. Ensure that the final plans, calculations, and specifications clearly reflect the inclusion of approved criteria, assumptions, and methods used to develop the design. The final designs, plans, calculations, and specifications shall be signed and stamped by the responsible design engineer. 5. Submit to the CBO the responsible design engineer's signed statement that the final design plans conform to applicable LORS.	At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed .				
			Structural Design of Trailers					7/13/2016	7/27/2016	APPROVED
			GSD Construction Trailer Foundation Design					9/9/2016	9/13/2016	APPROVED
			Demolition Work Plan					9/9/2016		COMPLETED
			12' Construction Fence Design					11/14/2016		Received CBO comments on 11/18/16. Received additional commetns on 12/20/16. Re-submitted to NV5 on 1/27/17. Received comments on 1/30/17.
			Utility Clearance Plan					9/9/2016		Utility Isolation Verification - East Fuel Oil Tank and Distillate Tank SUBMITTED 9/13/16
			Demolition Site Delineation Plan					5/24/2017		
	VIS-1	CONSTRUCTION		Prior to submitting the master drawings and master specifications list for the project to the Chief Building Official (CBO) and the Compliance Project Manager (CPM), the project owner shall prepare and submit a Visual Screening and Enhancement Plan for Project Structures (Plan) that includes methods and materials to visually screen and treat surfaces of publicly visible power plant structures.	No more than 45 calendar days before submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of GEN-2), the project owner shall submit a Visual Screening and Enhancement Plan for Project Structures to the CPM for review and approval.					COMPLETED Re-opened due to scope change; berm removal to take place during demo
	VIS-2	CONSTRUCTION		The project owner shall prepare and implement a Perimeter Screening and On-site Landscape and Irrigation Plan (Plan) to screen views of power plant structures.	No more than 45 calendar days after submitting the master drawings and master specifications list to the CBO (in accordance with the requirements of Condition of Certification GEN-2), the project owner shall submit the Perimeter Screening and On-site Landscape and Irrigation Plan to the CPM for review and approval.					Re-opened due to scope change; berm removal to take place during demo

Critical

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VIS-03	DEMO		Prior to the start of site mobilization, the project owner shall prepare and implement a Construction Screening, Landscape Protection, and Site Restoration Plan describing methods and materials that will be used during each project phase to screen project construction and parking areas and views of the project site from areas where construction activities have the potential to be visible during a phase. The Construction Screening, Landscape Protection, and Site Restoration Plan will describe methods and materials to identify and protect existing landscape trees and shrubs. The Construction Screening, Landscape Protection, and Site Restoration Plan will identify existing landscaped areas where plantings will be retained and where they will be permanently removed. The Construction Screening, Landscape Protection, and Site Restoration Plan will include provisions to restore areas where ground disturbance occurred during construction.	At least 60 calendar days before the start of site mobilization, the project owner shall submit a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM for review and approval. Simultaneously with the submission of a Construction Screening, Landscape Protection, and Site Restoration Plan to the CPM, the project owner shall submit seven copies of a Construction Screening, Landscape Protection, and Site Restoration Plan to the City of Huntington Beach Planning and Building Department for review and comment.	At least 60 calendar days before the start of site mobilization.				Re-opened due to scope change; berm removal to take place during demo Submitted to CEC on 11/16/16
VIS -04	DEMO		Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, construction worker parking lots, and construction laydown areas minimizes potential adverse night lighting impacts by implementing the following measures: 1. All fixed-position lighting shall be hooded and shielded to direct light downward and toward the construction area to be illuminated to prevent illumination of the night sky and minimize light trespass (i.e., direct light extending beyond the boundaries of the construction worker parking lots and construction sites, including any security-related boundaries). 2. Lighting of any tall construction equipment (e.g., scaffolding, derrick cranes, etc.) shall be directed toward areas requiring illumination and shielded to the maximum extent practicable. 3. Task-specific lighting shall be used to the maximum extent practicable. 4. Wherever and whenever feasible, lighting shall be kept off when not in use and motion sensors shall be used to the maximum extent practicable. 5. The Compliance Project Manager (CPM) shall be notified of any construction-related lighting complaints. Complaints shall be documented using a form in the format shown in Attachment 1, and completed forms shall record resolution of each complaint. A copy of each completed complaint form shall be provided to the CPM. Records of lighting complaints shall also be kept in the compliance file at the project site.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones, the project owner shall notify the CPM that the lighting is ready for inspection. Verification is to be repeated for these three construction milestones: • Demolition of HBGS Unit 5 and east fuel oil tank and construction of Power Block 1 • Construction of Power Block 2 • Demolition of HBGS Units 1 and 2 and construction of Buildings 33 and 34 If the CPM determines that modifications to the lighting are needed for any construction milestone, within 14 calendar days of receiving that notification, the project owner shall correct the lighting and notify the CPM that modifications have been completed. Within 48 hours of receiving a lighting complaint for any construction activity, the project owner shall provide a copy of the complaint report and resolution form to the CPM, including a schedule for implementing corrective measures to resolve the complaint. The project owner shall report any lighting complaints and document their resolution in the Monthly Compliance Report for the project, accompanied by copies of completed complaint resolution forms for that month.	Within 7 calendar days after the first use of fixed-position parking area and construction-related lighting for major HBEP construction milestones.				APPROVED
WASTE-01	DEMO		The project owner shall ensure that the HBEP project site is properly characterized and remediated as necessary pursuant to the corrective action plans reviewed by DTSC, the Huntington Beach Fire Department and/or the Orange County Health Care Agency. In no event shall project construction commence in areas requiring characterization and remediation until the CPM determines, with confirmation from the appropriate regulatory agency, that all necessary remediation has been accomplished.	At least 45 days prior to remediation the project owner shall submit to the CPM for approval copies of remediation documentation, such as, but not limited to, soil sample results, work plans, and agreements regarding the corrective action plan requirements and activities at the project site. Pertinent correspondence such as, but not limited to, soil sample results, work plans, agreements, and authorizations involving DTSC, the Huntington Beach Fire Department, and/or (if applicable) the Orange County Health Care Agency regarding the corrective action plan requirements and activities at the project site will be provided to the CPM within 10 days of receipt. At least 15 days prior to the start of site mobilization, the project owner shall provide to the CPM written notice from the appropriate regulatory agency that the HBEP site has been investigated and remediated as necessary in accordance with the corrective action plan. If soil contamination not previously identified or already included in corrective action plans, work plans or closure plans is encountered prior to or during grading the project owner shall notify the CPM and DTSC, revise the approved work plan and submit it for concurrent CPM, Huntington Beach Fire Department, and DTSC review within 30 days after contamination is identified. Comments received within 30 days from all parties will be incorporated and provided to DTSC for approval.	At least 45 days prior to remediation. At least 15 days prior to the start of site mobilization				COMPLETED
WASTE-03	DEMO		The project owner shall provide the resume of an experienced and qualified professional engineer or professional geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation, and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies.	At least 30 days prior to the start of site mobilization, the project owner shall submit the resume of the professional engineer or professional geologist to the CPM for review and approval.	At least 30 days prior to the start of site mobilization.				COMPLETED
		Depending on Occurrence							COMPLETED

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	WASTE-04	CLOSE OUT		If potentially contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities, as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the professional engineer or professional geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the recommended course of action.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt. The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within 5 days of their receipt.				Copy to CBO
	WORKER SAFETY-01	DEMO		The project owner shall submit to the compliance project manager (CPM) a copy of the Project Construction Safety and Health Program containing the following: 1. a Construction Personal Protective Equipment Program 2. a Construction Exposure Monitoring Program 3. a Construction Injury and Illness Prevention Program 4. a Construction Emergency Action Plan 5. a Construction Fire Prevention Plan The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Huntington Beach Fire Department for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. The project owner shall provide a copy of a letter to the CPM from the Huntington Beach Fire Department stating the fire department's timely comments on the Construction Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to start of construction.				
			Site-Specific Health and Safety Plan - Lead/Asbestos Abatement							COMPLETED
			Site-Specific Health and Safety Plan - Pipeline Cleaning					7/18/2016	7/27/2016	COMPLETED
			Site-Specific Health and Safety Plan - Demolition					8/19/2016	7/28/2016	COMPLETED
	WORKER SAFETY-03	DEMO		The project owner shall assign a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, has knowledge of of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects 3. assure that all construction and commissioning workers and supervisors receive adequate safety training 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safetyrelated incidents 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.	At least 60 days prior to the start of site mobilization, the project owner shall submit the name and contact information for the CSS to the CPM for review and approval. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 60 days prior to the start of site mobilization.		8/29/2016		COMPLETED
	WORKER SAFETY-04	DEMO		The project owner shall, through an agreement with the Chief Building Official (CBO), obtain and pay for the services of a Safety Monitor. The services of the Safety Monitor shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall have full access to the project site to conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	At least 60 days prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	At least 60 days prior to the start of construction.			10/5/2015	COMPLETED
	WORKER SAFETY - 06	DEMO		The project owner shall prepare an Emergency Access Plan that shows all of the following: (1) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 1; (2) a 26-foot wide fire lane that will provide a continuous loop around HBEP Block 2; (3) a 26-foot wide fire lane from the HBEP main entrance to the continuous loops referenced in (1) and (2) above; and (4) a 26-foot wide fire lane from a secondary access point to the continuous loops referenced in (1) and (2) above. Both access lanes shall connect to a public street. Corners must allow for clear travel of a minimum 17-foot inner radius and 45-foot outer radius (radius must be concentric). The fire lanes shall be designed and maintained to support the imposed loads of fire apparatus (75,000 lbs. load/12,000 point load) and shall be surfaced to provide all-weather driving capabilities. Fire lane signage shall be provided as per City of Huntington Beach Specification #415. The 26-foot wide fire lanes shall meet the applicable requirements of the California Fire Code, City of Huntington Beach Municipal Code Chapter 17.56 - Huntington Beach Fire Code, and the Huntington Beach Fire Department City Specifications.	At least 60 days prior to the start of construction of any structures or components listed in the CBO-approved master drawing and master specification list, or within a timeframe approved by the CPM, the project owner shall submit the Emergency Access Plan to the City Fire Department for review and timely comment, and to the CPM and CBO for review and approval.	At least 60 days prior to the start of construction.				COMPLETED

Critical

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TRANS-6	CONSTRUCTION		The project owner shall install blinking obstruction marking and lighting on any construction equipment that exceeds 200 feet in height in accordance with FAA requirements.	At least 10 days prior to installation of permanent obstruction marking and lighting, the project owner shall provide the CBO and CPM proof in writing of approval by the FAA for all structure marking and lighting.					

AES Huntington Beach Energy Project (12-AFC-02C)
CBO Proof of Payment (GEN-3)
April 2017 Reporting Period

Vendor	Document Date	Posting Date	Net due date	Amount in local currency	Reference	Text
NV5 INC	1/15/2016	3/9/2016	2/29/2016	-5,160.30	40668	NV5 CBO Agreement For HBES
NV5 INC	1/19/2016	1/19/2016	1/19/2016	19,100.07		
NV5 INC	2/12/2016	3/10/2016	3/28/2016	-7,239.61	41755	NV5 CBO Agreement For HBES
NV5 INC	3/9/2016	3/28/2016	4/23/2016	-8,005.92	42670	NV5 CBO Agreement For HBES
NV5 INC	3/14/2016	3/14/2016	3/14/2016	5,160.30		
NV5 INC	3/21/2016	3/21/2016	3/21/2016	7,239.61		
NV5 INC	4/18/2016	4/18/2016	4/18/2016	8,005.92		
NV5 INC	4/18/2016	5/13/2016	6/2/2016	-52,536.24	44044	NV5 CBO Agreement For HBES
NV5 INC	5/11/2016	5/17/2016	6/25/2016	-56,551.37	45192	NV5 CBO Agreement For HBES
NV5 INC	5/23/2016	5/23/2016	5/23/2016	52,536.24		
NV5 INC	6/8/2016	6/13/2016	7/8/2016	-85,958.60	46570	NV5 CBO Agreement For HBES
NV5 INC	6/20/2016	6/20/2016	6/20/2016	56,551.37		
NV5 INC	7/1/2016	7/1/2016	7/1/2016	85,958.60		
NV5 INC	7/7/2016	7/19/2016	8/6/2016	-91,807.30	48179	NV5 CBO Agreement For HBES
NV5 INC	8/1/2016	8/1/2016	8/1/2016	91,807.30		
NV5 INC	8/11/2016	8/18/2016	9/10/2016	-68,556.30	49929	NV5 CBO Agreement For HBES
NV5 INC	9/5/2016	9/5/2016	9/5/2016	68,556.30		
NV5 INC	9/19/2016	9/23/2016	10/19/2016	-107,821.03	51662	NV5 CBO Agreement For HBES
NV5 INC	10/3/2016	10/3/2016	10/3/2016	107,821.03		
NV5 INC	10/12/2016	10/21/2016	11/11/2016	-107,249.81	53070	NV5 CBO Agreement For HBES
NV5 INC	10/12/2016	10/21/2016	11/11/2016	-1,075.07	53080	NV5 CBO Agreement For HBES
NV5 INC	11/7/2016	11/7/2016	11/7/2016	108,324.88		
NV5 INC	11/17/2016	11/28/2016	12/17/2016	-97,570.98	54871	NV5 CBO Agreement For HBES
NV5 INC	12/12/2016	12/12/2016	12/12/2016	97,570.98		
NV5 INC	12/15/2016	12/22/2016	1/14/2017	-108,727.49	56379	NV5 CBO Agreement For HBES
NV5 INC	1/9/2017	1/9/2017	1/9/2017	108,727.49		
NV5 INC	1/20/2017	1/26/2017	2/19/2017	-88,982.03	58053	NV5 CBO Agreement For HBES
NV5 INC	2/13/2017	2/13/2017	2/13/2017	88,982.03		
NV5 INC	2/21/2017	2/24/2017	3/23/2017	-86,449.69	59550	NV5 CBO Agreement For HBES
NV5 INC	3/15/2017	3/15/2017	3/15/2017	86,449.69		
NV5 INC	2/28/2017	3/27/2017	4/19/2017	-56,036.25	60848	March Invoice - NV5 CBO Agreement For HBES
NV5 INC	4/12/2017	4/12/2017	4/12/2017	56,036.25		March Invoice payment completed in April

Appendix E

Air Quality



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

04/26/17

LETTER OF MAINTENANCE VERIFICATION

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

This is for the below listed equipment on rent to Kiewit Power Construction at: 21730 Newland St, Huntington Beach.

EIN#

1 CASE DOZER 750 UNIT # 10334031
2 HAMM ROLLER UNIT # 10507521
3 GENIE BOOM 85" UNIT # 10354230

AA9A88
AP7H 97
XX9G44

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

Mark Skye
Branch Manager
United Rentals, Inc.



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

04/26/17

LETTER OF MAINTENANCE VERIFICATION

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

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

1. SKID STEER TRACK LOADER 2400#> UNIT # 10519303
2. MINI EXCAVATOR 10189829

E.I.N.
KT8C54
UJ5G37

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

Mark Skye
Branch Manager
United Rentals, Inc.

VOLVO

Construction Equipment & Services

4/27/2017

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 EC480EL EXCAVATOR

Manufacturer: Volvo

Model Number: EC480EL

Serial Number: 310118

Year: 2015

Engine Information

Manufacturer: Volvo

Model Number: D13J

Serial Number: 502602

Year: 2014

Family Number: EVSXL 12.8T4F

Horsepower: 373

Displacement: 12.8 litres

Current hours reported on 4/27/2017: 1883 hours.

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

Last inspection by Volvo technician: 4/25/2017.

Last inspection by Volvo Product Support: 4/25/2017.

Next oil service due: 2000 hours **DUE SOON**

Equipment Information EC480DL EXCAVATOR

Manufacturer: Volvo

Model Number: EC480DL

Serial Number: 210435

Year: 2014

Engine Information

Manufacturer: Volvo

Model Number: D13H

Serial Number: 445409

Year: 2013

Family Number: DVSXL 12.8T4I



Horsepower: 355
Displacement: 12.8 litres

Current hours reported on 4/27/2017: 627 hours.

Last oil change service completed: 500 hour service completed 4/09/2017 @ 500

Last inspection by Volvo technician: 4/25/2017.

Last inspection by Volvo Product Support: 4/25/2017.

Next oil service due: 1000 hours

Equipment Information ARTICULATED HAULER A30G

Manufacturer: Volvo

Model Number: A30G

Serial Number: 740174

Year: 2015

Engine Information

Manufacturer: Volvo

Model Number: D11L

Serial Number: 357506

Year: 2015

Family Number: FVSXL 10.8T4F

Horsepower: 355

Displacement: 10.8 litres

Current hours reported on 4/27/2017: 572 hours.

Last oil change service completed: 500 hour service completed 2/10/2017 @ 429

Last inspection by Volvo technician: 4/25/2017.

Last inspection by Volvo Product Support: 4/25/2017.

Next oil service due: 1000 hours

R/S,

BK7 FARRELL

Brian Farrell

VCES Product Support

951-901-0386

Brian.farrell@vcesvolvo.com



Kiewit

Kiewit Power Constructors Co.
9401 Renner Blvd.
Lenexa, KS 66219
Phone (913) 928-7000 Fax (913) 689-4000

04/28/2017

LETTER OF MAINTENANCE VERIFICATION

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

This is for the equipment listed below at:

21730 NEWLAND STREET
HUNTINGTON BEACH, CA 92646

<u>Description</u>	<u>Unit Number</u>	<u>Serial Number</u>
1. John Deere 210K Ski Loader	155857	1T8210KXCDE891633
2. Workhorse-535 Gallon Water Trailer	138647	4S9BF0928BC041395
3. Miller-Trail Blazer 302	153217	MD231099R
4. SEBHSA-Concrete Pump	170457	1493
5. CasaGrande B250 Drill Rig		B250UQ0306
6. Xtreme Forklift XR3034	153827	XR3034111392123
7. Multiquip DCA45SSIU4F	171470	7251536

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

All info verified by: Kiewit Power Constructors Co.
Kiewit Foundation Group
9701 Renner Blvd.
Lenexa, KS 66219

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

Josh Overmeyer
Equipment Operations Manager
Kiewit Power Constructors Co.



Quinn Rental Services
Post Office Box 226789
Los Angeles, California 90022-0489
562.463.4721 Tel
562.695.0470 Fax

4/28/17

LETTER OF MAINTENANCE VERIFICATION

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

This is for the equipment listed below at:
21730 NEWLAND STREET
HUNTINGTON BEACH, CA 92646

<u>Description</u>	<u>Unit Number</u>	<u>Serial Number</u>
315 excavator	160745	OTDY00120

All info verified by: Quinn Rental Services
Foothill Ranch Branch
25961 Wright St
Foothill Ranch, Ca 92610

Mike Salas
Branch Manager
Quinn Rental Services



5/1/17

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 Savala Equipment Company, Inc.'s recommendations.

This is in reference to the following equipment:

	<u>E.I.N.</u>
1) Komatsu PC360LC Track Excavator (unit # E-160)	LU6Y44

By : Brigham Florentin
Sales Representative
Savala Equipment Company, Inc.



5/2/17

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 Savala Equipment Company, Inc.'s recommendations.

This is in reference to the following equipment:

- 1) John Deere 550K XLT Dozer (unit # D-9)

E.I.N.

BS9V43

By : Brigham Florentin
Sales Representative
Savala Equipment Company, Inc.



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

04/26/17

LETTER OF MAINTENANCE VERIFICATION

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

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

1. SKID STEER TRACK LOADER 2400#> UNIT # 10519303
2. MINI EXCAVATOR 10189829

E.I.N.
KT8C54
UJ5G37

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

Mark Skye
Branch Manager
United Rentals, Inc.

Appendix E
HBEP Off Road Diesel Equipment

<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit alpha numeric</u>	<u>HBEP ID</u>	<u>Equipment</u>						<u>Engine</u>						<u>Diesel (hp)</u>	<u>Tier</u>
				<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>		
7/25/2016	01/17/17	MU9W57	HBEP-EN005	CASE	590 Super N loader Backhoe	2014	JJGN59SNCEC711133	WA Rassic	WA Rassic	FPT Industrial	EFPXL03.4ADD	FPT F5BFL413A	3.4 L	2014	201279	109	4
8/18/2016	onsite	KT8C54	HBEP-EN001	Takeuchi	TL10CR Skid steer loader	2016	201003340	United Rentals	GSD	Kubota	EXBXL03.8AKD	V3800-T	3.8 L	2014	2GJ0317	108	4I
8/18/2016	09/21/16	UA5B47	HBEP-EN002	Skyjack	SJ86T Boom	2015	97100108	United Rentals	GSD	Deutz	FDZXL02.9020	TD2.9L4	2.9 L	2015	11772765	74	4F
8/18/2016	08/29/16	DW6G75	HBEP-EN003	JLG Skytrak	8042 Rough Terrain Forklift	2015	160066913	United Rentals	GSD	Cummins	ECEXL03.3ADA	QS83.3	3.2 L	2014	68617161	100	4I
8/25/2016	04/28/17	VK3D96	HBEP-EN004	Volvo	EC480EL Excavator	2015	310118	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	EVSXL12.8T4F	D13J	12.8 L	2014	502602	373	4F
9/21/2016	09/29/16	NN5A78	HBEP-EN006	Genie	Z-80/60 Articulating Boom	2011	Z8011-3169	United Rentals	GSD	Deutz	BDZXL03.6082	TD2011L041	3.6 L	2011	11055233	74	4I
10/3/2016	10/04/16	LY5A47	HBEP-EN007	JLG	1250AJP Articulating Boom	2014	300186601	United Rentals	GSD	Deutz	DDZXL02.9016	TCD 2.9 L4	2.9L	2013	11544050	74	4F
10/17/2016	11/22/16	EC9H83	HBEP-EN008	JLG	G12-55A ext fork lift	2014	160060843	Sunstate	WA Rassic	Cummins Inc.	ECEXL04.5AAE	QS84.5	4.5 L	2014	73630523	130	4I
11/8/2016	11/10/16	KG9X86	HBEP-EN009	Genie	S-40 Telescopic Boom	2015	S4015-21143	United Rentals	GSD	Deutz	CDZXL03.1041	D2011L03I	2.3 L	2012	11104845	49	4F
12/1/2016	01/26/17	UD8D93	HBEP-EN010	Genie Articulating Boom	Z-60/34	2011	Z6011-10791	United Rentals	GSD	Deutz	CDZXL03.1041	D2011L03I	2.3 L	2012	11104845	49	4I
2/21/2017	4/28/2017	SN3N67	HBEP-EN011	Volvo	A30G/Articulate Truck	2015	740174	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	FVSXL 10.8T4F	D11L	10.8	2015	357506	355	4F
2/27/2017	4/26/2017	YK4J36	HBEP-EN012	John Deere	JD 210K Skip Loader	2013	1T8210KXCDE891633	Kiewit	Kiewit	John Deere	DJDXL04.5211	4045HT073	4.5	2013	PE4045R053118	88	4I
2/28/2017	4/11/2017	DH8Y47	HBEP-EN013	SEBHSA	Concrete Pump	2016	1493	Kiewit	Kiewit	Perkins	GPKXL04.4MU1	4046/2200	4.4	2016	JKT02830	174	4F
2/28/2017	4/10/2017	PU9S79	HBEP-EN016	Casagrande	B250 Drill Rig	2011	B250UQ0306	IDE	Kiewit	Deutz	ADZXL15.9065	TCD 2015 V06	15.9	2011	9193813	443	T3
2/28/2017	3/17/2017	GF8S49	NA	Caterpillar	314D LCR Excavator	2012	SSZ00691	Kiewit	Kiewit	Mitsubishi Heavy Ind	BMVXL04.2CCCC	C4.2	4.2	2012	JKH17698	95.6	T3
2/28/2017	4/26/2017	JX9S97	HBEP-EN014	JLG	G12-55A Forklift	2012	160046055	Kiewit	United Rentals	Cummins	CCEXL04.5AAE	QS84.5	4.5	2012	73403430	110	4I
3/1/2017	3/7/2017	WD5C87	NA	Extreme	Forklift Boom XR2024	2015	NA	Ahern Rentals	Kiewit	Deutz	FDZXL03.6060	TCD3.6L4	3.6	2015	11822613	134	4F
3/2/2017	4/27/2017	XX9G44	HBEP-EN015	Genie	S-85 Man Lift	2015	S8515-12538	Kiewit	United Rentals	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11697544	74	4F
3/9/2017	4/26/2017	YT8K77	HBEP-EN016	Extreme	Forklift Boom XR3034	2.013	XR3034111392123	Kiewit	Kiewit	Perkins	DPKXL04.4MK1	3632/2200	4.4	2013	U000972X	131	4I
3/20/2017	4/27/2017	BU3B57	HBEP-EN018	Caterpillar	315F LCR excavator	2016	TDY00120	Quinn Rental	Kiewit	Perkins	GPKXL04.4MTI	4248/2000	4.4L	2016	W7N08950	100	4F
3/28/2017	4/10/2017	AP7H97	HBEP-EN019	HAMM	H 11ix P / Compactor	2016	H2100878	United Rentals	Kiewit	Deutz	EDZXL03.6017	TDC 3.6 L4	3.6L	2014	1171419	114	4I
3/28/2017	4/10/2017	AA9A88	HBEP-EN020	CASE	750M XLT / Dozer	2015	NEDC70070	Untited Rental	Kiewit	FPT Fiat Power T	EFPXL03.4ADD	F5HL4131*A	3.4L	2014	243809	96	4I
3/30/2017	Onsite	LU6Y44	HBEP-EN021	Komatu	PC360LC-10	2012	KMTPC242T54A32426	Savala Equipment Company	GSD Companies	Komatsu	CKLXL08.9AAJ	SAA6D114E-5	8.9 L	2012	73375996	271	4I
4/12/2017	Onsite	BS9V43	HBEP-EN022	John Deere	John Deere 550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Company	GSD Companies	John Deere	FJDXL04.5211	4045HT070A.B.C.D	4.5 L	2014	R534172-B	85	4I
4/18/2017	Onsite	UJ5G37	HBEP-EN023	Bobcat	E85	2013	B34T11070	United Rentals	GSD Companies	Yanmar	DYDXL3.32NDA	4TNV98CVD88	3.3 L	2013	519	56	4F

Note:
*: The 314D LCR Excavator was brought to site on 2/28/2017, but has not be used. It was removed from the site on 3/17/2017.

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.03 10:44:35 -0700

Date: 04-03 2017 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	rumble plates are ready for deployment as needed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	No off road / off-site trucking of bulk soils
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
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: 04-03 2017 Monday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.04 13:42:22 -0700

Date: 04-04 2017 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	rumble plates are ready for deployment as needed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	No off road / off-site trucking of bulk soils
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
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: 04-04 2017 Tuesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.05 17:45:04 -0700

Date: 04-05 2017 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	rumble plates are ready for deployment as needed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	No off road / off-site trucking of bulk soils
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
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: 2017.04.05 02:40:23 -0700

Date: 04-05 2017 Wednesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.07 14:21:57 -0700

Date: 04-07 2017 Friday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	rumble plates are ready for deployment as needed, tire washer as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	No off road / off-site trucking of bulk soils
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	n	
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: 2017.04.07 16:12:42 -0700

Date: 04-07 2017 Friday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP
LNTF, email=marksmith@huntingtonbeach.com, ou=US
Date: 2017.04.11 08:29:02 -0700

Date: 04-10 2017 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	Trucks remain on AC while loading and exiting. Rumble plates are deployed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles with wattle@toe of slope, covered, tackifier
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	No off road trucking. Trucks remain on AC while loading bulk soil and exiting, Trucks stay on pavement and use rumble plates before exiting the LNTF area
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: 04-10 2017 Monday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today? Kiewit Drilling and support equip Casagrande B250, Case 750M, HAMM 11ix,	YES	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTF,
email=mark.smith@hbeplntf.com, c=US
Date: 2017.04.12 08:53:31 -0700

Date: 04-11 2017 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	Trucks remain on AC pavement, rumble plates used before exiting LNTF area
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	All end dump trucks equipped with load covers. No off road-off-site trucking. Trucks remained on AC pavement. Rumble plates used prior to exiting the LNTF area.
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: 2017.04.11 10:15:11 -0700

Date: 04-11 2017 Tuesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 04-12 2017 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 2017.04.12 10:11:47 -0700

Date: 04-12 2017 Wednesday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today? Savala Rental: John Deere 550K Dozer, GSD renter	YES	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.13 16:54:47 -0700

Date: 04-13 2017 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-13 2017 Thursday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.14 15:24:21 -0700

Date: 04-14 2017 Friday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-14 2017 Friday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.18 08:31:03 -0700

Date: 04-17 2017 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-17 2017 Monday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.18 14:59:12 -0700

Date: 04-18 2017 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 2017.04.18 15:19:10 -0700

Date: 04-18 2017 Tuesday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today? GSD : United Rental Bobcat E-85 Mini Excavator	YES	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	n	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.19 15:43:51 -0700

Date: 04-19 2017 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-19 2017 Wednesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.20 10:25:36 -0700

Date: 04-20 2017 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 2017.04.20 15:15:47 -0700

Date: 04-20 2017 Thursday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.21 15:27:31 -0700

Date: 04-21 2017 Friday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 2017.04.21 15:17:49 -0700

Date: 04-21 2017 Friday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.24 08:35:54 -0700

Date: 04-24 2017 Monday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-24 2017 Monday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.25 15:57:07 -0700

Date: 04-25 2017 Tuesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-25 2017 Tuesday

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.27 10:35:55 -0700

Date: 04-26 2017 Wednesday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 04-26 2017 Wednesday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today? Kiewit: Moved off Xtreme XR3034 Fork boom and JD210K loader w/ gannon`	YES	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=HBEP LNTP,
email=marksmith@hbepln.com, c=US
Date: 2017.04.27 16:55:49 -0700

Date: 04-27 2017 Thursday

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	y	paved
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	na	no unpaved exits
Are speed limit signs posted at the main entrances?	y	
Are equipment and vehicle operators using designated onsite roads?	y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	y	No off road-off-site trucking. Trucks remain on AC pavement, rumble plates used.
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	y	as needed
Are paved public roadways within 500 feet of exits swept as needed?*	y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	soil stockpile or concrete rubble piles have wattle@toe of slope, or covered
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	y	Trucks remained on AC pavement. All trucks equipped w/ load covers. Sides brushed off & rumble plates used prior to exiting the LNTP area.
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: 2017.04.27 16:17:07 -0700

Date: 04-27 2017 Thursday

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	n	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today? Kiewit Cat 315 excavator moved off	Yes	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCMM.
Are green or yellow AQCMM tags visible for all diesel off-road engines operating onsite?	y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	n	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQ-SC6 Construction Particulate Matter Mitigation Plan

Project: AES Huntington Beach Energy Project

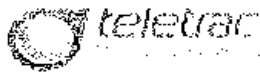
Docket #: 12-AFC-02

Street sweeping was completed by Nationwide Environmental Services on April 22, 2017 between the hours of 11:00 PM and 4:05 AM. TYMCO Model 600 AIR CNG fueled sweeper completed the sweeping along the route outlined in the Construction Particulate Matter Mitigation Plan.

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

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

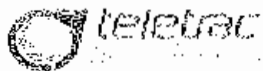
Sweeping will be completed monthly on the 4th Saturday of the month using TYMCO Model 600 AIR SCAQMD Certified SCAQMD Certified (Rule 1186-PM 10 & 1186.1 Alt. Fuel) CNG alternative fueled street sweepers.



Detailed

For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

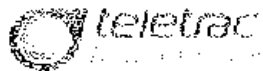
<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240			
4/22/2017			
12:23:41 AM	STOP	BO	4mph SE 21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:24:01 AM	LOC	BF	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:24:37 AM	LOC	BF	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:25:13 AM	LOC	BF	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
12:25:37 AM	INB	BO	5mph SE 21790 Newland St & Biscayne Dr Huntington Beach CA 92646
BROOMS ON			
12:25:49 AM	LOC	BO	5mph SE 21802 Newland St & Biscayne Dr Huntington Beach CA 92646
12:26:19 AM	INB	BF	6mph SE 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
BROOMS OFF			
12:26:20 AM	STOP	BF	5mph SE 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:26:25 AM	LOC	BF	2mph SE 21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:27:01 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:27:37 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:28:13 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:28:49 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:29:25 AM	LOC	BF	21844 Newland St & Biscayne Dr Huntington Beach CA 92646
12:30:01 AM	LOC	BF	21842 Newland St & Biscayne Dr Huntington Beach CA 92646
12:30:37 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:31:13 AM	LOC	BF	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:31:49 AM	LOC	BF	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:32:25 AM	LOC	BF	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646



Detailed

For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

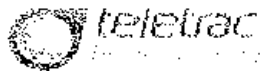
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VEHICLE NAME: 240				
4/22/2017				
12:33:01 AM	LOC	BF		21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:33:37 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:34:13 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:34:49 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:35:25 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:36:01 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:36:37 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:37:13 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:37:49 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:38:25 AM	LOC	BF		21836 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:01 AM	LOC	BF		21838 Newland St & Biscayne Dr Huntington Beach CA 92646
12:39:37 AM	LOC	BF		21838 Newland St & Biscayne Dr Huntington Beach CA 92646
12:40:13 AM	LOC	BF		21840 Newland St & Biscayne Dr Huntington Beach CA 92646
12:40:49 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:41:25 AM	LOC	BF		21838 Newland St & Biscayne Dr Huntington Beach CA 92646
12:42:01 AM	LOC	BF		21838 Newland St & Biscayne Dr Huntington Beach CA 92646
12:42:37 AM	LOC	BF		21840 Newland St & Biscayne Dr Huntington Beach CA 92646
12:43:13 AM	LOC	BF		21838 Newland St & Biscayne Dr Huntington Beach CA 92646
12:43:49 AM	LOC	BF		21840 Newland St & Biscayne Dr Huntington Beach CA 92646
12:44:25 AM	LOC	BF		21840 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
4/22/2017				
12:45:01 AM	LOC	BF		21840 Newland St & Biscayne Dr - Huntington Beach CA 92646
12:45:37 AM	LOC	BF		21836 Newland St & Biscayne Dr - Huntington Beach CA 92646
12:46:13 AM	LOC	BF		21838 Newland St & Biscayne Dr - Huntington Beach CA 92646
12:46:49 AM	LOC	BF		21840 Newland St & Biscayne Dr - Huntington Beach CA 92646
12:47:25 AM	LOC	BF		21840 Newland St & Biscayne Dr - Huntington Beach CA 92646
12:48:01 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:48:37 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:48:55 AM	INB	BO		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS ON
12:49:13 AM	LOC	BO	1mph SE	21912 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:49:49 AM	LOC	BO	1mph SE	21920 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:50:20 AM	INB	BF	3mph SE	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS OFF
12:50:25 AM	LOC	BF	2mph SE	21926 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:50:32 AM	INB	BO	1mph SE	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS ON
12:51:01 AM	LOC	BO	5mph SE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:51:22 AM	STOP	BO	5mph NE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:51:37 AM	LOC	BO	4mph NE	21936 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
12:51:45 AM	INB	BF	3mph NE	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS OFF



Detailed

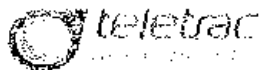
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

4/22/2017

12:52:13 AM	LOC	BF	2mph NE	21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:52:49 AM	LOC	BF		21942 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:53:04 AM	INB	BO	1mph NE	21942 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
BROOMS ON				
12:53:04 AM	STCH	BO	1mph NE	21942 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:53:25 AM	LOC	BO	3mph NE	21938 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:54:02 AM	LOC	BO	6mph N	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:54:38 AM	LOC	BO	5mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
12:55:14 AM	LOC	BO	6mph E	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:55:50 AM	LOC	BO	6mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
12:56:26 AM	LOC	BO	5mph SW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:57:02 AM	LOC	BO	6mph E	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:57:38 AM	LOC	BO	4mph NE	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
12:58:14 AM	LOC	BO	5mph NE	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
12:58:50 AM	LOC	BO	6mph NE	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
12:59:26 AM	LOC	BO	5mph E	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:00:02 AM	LOC	BO	3mph N	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:00:38 AM	LOC	BO	4mph NW	21772 Newland St & Biscayne Dr Huntington Beach CA 92646
1:01:14 AM	LOC	BO	3mph NW	21776 Newland St & Biscayne Dr Huntington Beach CA 92646
1:01:50 AM	LOC	BO	8mph SW	21836 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

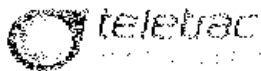
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

4/22/2017

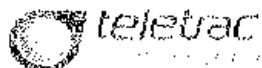
1:02:03 AM	STOP	BF	5mph SE	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:02:04 AM	INB	BF	5mph SE	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
BROOMS OFF				
1:02:26 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:03:02 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:03:38 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:04:14 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:04:50 AM	LOC	BF		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:05:08 AM	INB	BO		21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
BROOMS ON				
1:05:26 AM	LOC	BO	4mph SE	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:06:02 AM	LOC	BO	5mph NE	21822 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:38 AM	LOC	BO	8mph SE	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:47 AM	STOP	BF	5mph N	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
1:06:51 AM	INB	BF	3mph N	21784 Newland St & Biscayne Dr Huntington Beach CA 92646
BROOMS OFF				
1:07:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:07:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:08:26 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:09:02 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:09:38 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
4/22/2017				
1:10:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:10:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:11:26 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:12:02 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:12:38 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:13:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:13:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:14:26 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:15:02 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:15:38 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:16:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:16:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:17:26 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:18:02 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:18:38 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:19:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:19:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:20:26 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:21:02 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:21:38 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

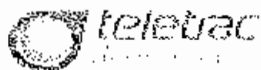
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 240

4/22/2017

1:22:14 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:22:50 AM	LOC	BF		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:23:18 AM	INB	BO		21778 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS ON
1:23:26 AM	LOC	BO		21778 Newland St & Biscayne Dr Huntington Beach CA 92646
1:23:56 AM	INB	BF	5mph N	21766 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS OFF
1:24:02 AM	LOC	BF	3mph N	21766 Newland St & Biscayne Dr Huntington Beach CA 92646
1:24:02 AM	STCH	BO	3mph N	21766 Newland St & Biscayne Dr Huntington Beach CA 92646
1:24:02 AM	INB	BO	3mph N	21766 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS ON
1:24:27 AM	INB	BF	4mph N	21752 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS OFF
1:24:36 AM	INB	BO	1mph N	21752 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS ON
1:24:38 AM	LOC	BO		21754 Newland St & Biscayne Dr Huntington Beach CA 92646
1:25:07 AM	INB	BF	5mph N	21766 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS OFF
1:25:12 AM	INB	BO	3mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646 BROOMS ON
1:25:14 AM	LOC	BO	4mph N	21768 Newland St & Biscayne Dr Huntington Beach CA 92646
1:25:50 AM	LOC	BO	6mph NW	21784 Newland St & Biscayne Dr Huntington Beach CA 92646



Detailed

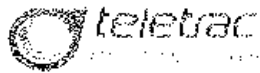
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

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

VEHICLE NAME: 240

4/22/2017

1:26:26 AM	LOC	BO	2mph S	21796 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:27:02 AM	LOC	BO	6mph S	21796 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:27:38 AM	LOC	BO	2mph S	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:28:14 AM	LOC	BO	4mph S	21924 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:28:50 AM	LOC	BO	5mph W	21790 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:29:26 AM	LOC	BO	9mph W	21784 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:30:02 AM	LOC	BO	8mph SE	21784 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:30:38 AM	LOC	BO	8mph SE	21772 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:31:14 AM	LOC	BO	5mph SW	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:31:50 AM	LOC	BO	5mph SW	21934 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:32:16 AM	INB	BF	5mph NW	21930 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS OFF
1:32:26 AM	LOC	BF	1mph NW	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:32:29 AM	INB	BO	2mph NW	21928 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646 BROOMS ON
1:33:02 AM	LOC	BO	8mph NW	21910 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 - Huntington Beach CA 92646
1:33:38 AM	LOC	BO	6mph NE	21796 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:34:14 AM	LOC	BO	4mph SW	21790 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:34:50 AM	LOC	BO	4mph NW	21790 Newland St & Biscayne Dr - Huntington Beach CA 92646
1:34:59 AM	INB	BF	4mph NW	21790 Newland St & Biscayne Dr - Huntington Beach CA 92646 BROOMS OFF



Detailed

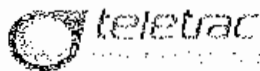
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

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

VEHICLE NAME: 240

4/22/2017

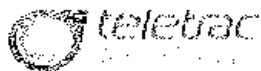
1:35:26 AM	LOC	BF	19mph N	21724 Newland St & Edison Dr	Huntington Beach CA 92646
1:35:48 AM	STOP	BF	5mph N	21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:36:02 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:36:38 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:37:14 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:37:50 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:38:26 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:39:02 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:39:38 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:40:14 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:40:50 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:41:26 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:42:02 AM	LOC	BF		21614 Newland St & Edison Dr	Huntington Beach CA 92646
1:42:38 AM	LOC	BF	3mph N	21600 Newland St & Edison Dr	Huntington Beach CA 92646
1:43:14 AM	LOC	BF	10mph W	8545 Hamilton Ave & Newland St	Huntington Beach CA 92646
1:43:21 AM	STOP	BF	5mph N	8535 Hamilton Ave & Newland St	Huntington Beach CA 92646
1:43:50 AM	LOC	BF		8537 Hamilton Ave & Newland St	Huntington Beach CA 92646
1:44:26 AM	LOC	BF		8535 Hamilton Ave & Newland St	Huntington Beach CA 92646
1:45:02 AM	LOC	BF		8535 Hamilton Ave & Newland St	Huntington Beach CA 92646
1:45:38 AM	LOC	BF		8535 Hamilton Ave & Newland St	Huntington Beach CA 92646



Detailed

For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 240				
4/22/2017				
1:46:14 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:46:50 AM	LOC	BF		8535 Hamilton Ave & Newland St Huntington Beach CA 92646
1:47:26 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:48:02 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:48:38 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:49:14 AM	LOC	BF		8535 Hamilton Ave & Newland St Huntington Beach CA 92646
1:49:50 AM	LOC	BF		8535 Hamilton Ave & Newland St Huntington Beach CA 92646
1:50:26 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:51:02 AM	LOC	BF		8537 Hamilton Ave & Newland St Huntington Beach CA 92646
1:51:38 AM	LOC	BF		8535 Hamilton Ave & Newland St Huntington Beach CA 92646
1:52:14 AM	LOC	BF	4mph N	8523 Hamilton Ave & Newland St Huntington Beach CA 92646
1:52:50 AM	LOC	BF	29mph S	21699 Newland St & Edison Dr Huntington Beach CA 92646
1:53:26 AM	LOC	BF	10mph SW	21893 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
1:54:02 AM	LOC	BF	18mph NW	21712 Pacific Coast Hwy/Pacific Cst Hwy-California s Rte 1/CA-1 Huntington Beach CA 92646
1:54:38 AM	LOC	BF	21mph N	21388 Beach Blvd/CA-39 Huntington Beach CA 92648
1:54:51 AM	STOP	BF	5mph N	21388 Beach Blvd/CA-39 Huntington Beach CA 92648
1:55:14 AM	LOC	BF		21388 Beach Blvd/CA-39 Huntington Beach CA 92648
1:55:50 AM	LOC	BF		21388 Beach Blvd/CA-39 Huntington Beach CA 92648
1:56:26 AM	LOC	BF		21388 Beach Blvd/CA-39 Huntington Beach CA 92648
1:57:02 AM	LOC	BF		21388 Beach Blvd/CA-39 Huntington Beach CA 92648



Detailed

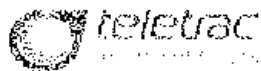
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

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

VEHICLE NAME: 240

4/22/2017

1:57:38 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
1:58:14 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
1:58:50 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
1:59:26 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:00:02 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:00:38 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:01:14 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:01:50 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:02:26 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:03:02 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:03:38 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:04:14 AM	LOC	BF		21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:04:50 AM	LOC	BF	39mph N	21388 Beach Blvd/CA-39	Huntington Beach CA 92648
2:05:26 AM	LOC	BF	5mph N	Beach Blvd/CA-39	Huntington Beach CA 92648
2:06:02 AM	LOC	BF	44mph N	20598 Beach Blvd/CA-39	Huntington Beach CA 92648
2:06:38 AM	LOC	BF	44mph N	20198 Beach Blvd/CA-39	Huntington Beach CA 92648
2:07:14 AM	LOC	BF	24mph N	19952 Beach Blvd/CA-39	Huntington Beach CA 92648
2:07:50 AM	LOC	BF	47mph N	19484 Beach Blvd/CA-39	Huntington Beach CA 92648
2:08:26 AM	LOC	BF	42mph N	19030 Beach Blvd/CA-39	Huntington Beach CA 92648
2:09:02 AM	LOC	BF	37mph N	18594 Beach Blvd/CA-39	Huntington Beach CA 92648



Detailed

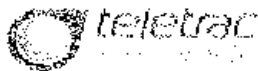
For 4/21/2017 11:00 PM through 4/22/2017 05:59 AM (Pacific Time)

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

VEHICLE NAME: 240

4/22/2017

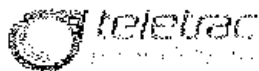
2:09:38 AM	LOC	BF	46mph N	18300 Beach Blvd/CA-39 Huntington Beach CA 92648
2:10:14 AM	LOC	BF	43mph N	17814 Beach Blvd/CA-39 Huntington Beach CA 92647
2:10:50 AM	LOC	BF	2mph N	17510 Beach Blvd/CA-39 Huntington Beach CA 92647
2:11:26 AM	LOC	BF	40mph N	17274 Beach Blvd/CA-39 Huntington Beach CA 92647
2:12:02 AM	LOC	BF	49mph N	16816 Beach Blvd/CA-39 Huntington Beach CA 92647
2:12:38 AM	LOC	BF	47mph N	16374 Beach Blvd/CA-39 Huntington Beach CA 92647
2:13:14 AM	LOC	BF	44mph N	Beach Blvd/CA-39 Westminster CA 92683
2:13:50 AM	LOC	BF	28mph NW	Beach Blvd/CA-39 Westminster CA 92683
2:14:27 AM	LOC	BF	57mph NW	San Diego Fwy/I-405 Huntington Beach CA 92647
2:15:03 AM	LOC	BF	57mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:15:39 AM	LOC	BF	60mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:16:15 AM	LOC	BF	59mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:16:51 AM	LOC	BF	58mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:17:28 AM	LOC	BF	58mph NW	San Diego Fwy/I-405 Westminster CA 92683
2:18:04 AM	LOC	BF	57mph W	San Diego Fwy/I-405 Garden Grove CA 92845
2:18:40 AM	LOC	BF	56mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:19:16 AM	LOC	BF	57mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:19:52 AM	LOC	BF	58mph W	San Diego Fwy/CA-22 Seal Beach CA 90740
2:20:28 AM	LOC	BF	62mph W	EXIT 23 Seal Beach CA 90740
2:21:04 AM	LOC	BF	57mph N	San Diego Fwy/I-405 Seal Beach CA 90740
2:21:40 AM	LOC	BF	59mph N	EXIT 24 Los Alamitos CA 90720
2:22:16 AM	LOC	BF	60mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
2:22:52 AM	LOC	BF	57mph N	San Gabriel River Fwy/I-605 Los Alamitos CA 90720
2:23:28 AM	LOC	BF	58mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
2:24:04 AM	LOC	BF	58mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
2:24:40 AM	LOC	BF	64mph N	San Gabriel River Fwy/I-605 Long Beach CA 90808
2:25:16 AM	LOC	BF	57mph N	San Gabriel River Fwy/I-605 Lakewood CA 90715



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

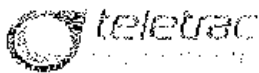
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VEHICLE NAME: 256				
4/22/2017				
12:04:45 AM	INB	BO	6mph S	19987 Brookhurst St & Adams Ave Huntington Beach CA 92646 BROOMS ON
12:04:54 AM	INB	WO	3mph S	19997 Brookhurst St & Adams Ave Huntington Beach CA 92646 WATER ON
12:05:10 AM	LOC	WO	5mph S	9971 Adams Ave & Brookhurst St Huntington Beach CA 92646
12:05:46 AM	LOC	WO	5mph S	9907 Adams Ave & Brookhurst St Huntington Beach CA 92646
12:06:22 AM	LOC	WO	6mph W	9849 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:06:58 AM	LOC	WO	5mph W	9775 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:07:14 AM	INB	BF	4mph W	9743 Adams Ave & Sutton Ln Huntington Beach CA 92646 BROOMS OFF
12:07:19 AM	INB	BO	4mph W	9735 Adams Ave & Sutton Ln Huntington Beach CA 92646 BROOMS ON
12:07:34 AM	LOC	BO	5mph W	9697 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:08:10 AM	LOC	BO	6mph W	9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:08:11 AM	STOP	WO	5mph W	9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:08:29 AM	INB	WF	3mph W	9583 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 WATER OFF
12:08:30 AM	INB	BF	3mph W	9583 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 BROOMS OFF
12:08:46 AM	LOC	BF		9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:08:49 AM	INB	BO		9791 Adams Ave & Derbyshire Ln Huntington Beach CA 92646 BROOMS ON



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

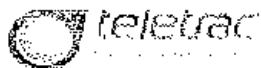
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VEHICLE NAME: 256				
4/22/2017				
12:08:50 AM	INB	WO		9791 Adams Ave & Derbyshire Ln - Huntington Beach CA 92646 WATER ON
12:09:23 AM	LOC	WO	4mph W	9503 Adams Ave & Siderup Ln - Huntington Beach CA 92646
12:09:59 AM	LOC	WO	5mph W	19999 Bushard St & Adams Ave - Huntington Beach CA 92646
12:10:35 AM	LOC	WO	4mph W	9099 Adams Ave & Gloucester Ln - Huntington Beach CA 92646
12:11:11 AM	LOC	WO	5mph W	9099 Adams Ave & Potomac Ln - Huntington Beach CA 92646
12:11:47 AM	LOC	WO	4mph W	9099 Adams Ave & Chesapeake Ln - Huntington Beach CA 92646
12:12:23 AM	LOC	WO	5mph W	9099 Adams Ave & Lotus Ln - Huntington Beach CA 92646
12:12:59 AM	LOC	WO	5mph W	9089 Adams Ave & Shorewood Cir - Huntington Beach CA 92646
12:13:35 AM	LOC	WO	5mph W	9045 Adams Ave & Magnolia St - Huntington Beach CA 92646
12:14:10 AM	INB	WF	3mph W	9005 Adams Ave & Magnolia St - Huntington Beach CA 92646 WATER OFF
12:14:11 AM	LOC	WO	3mph W	9005 Adams Ave & Magnolia St - Huntington Beach CA 92646
12:14:11 AM	STCH	BF	3mph W	9005 Adams Ave & Magnolia St - Huntington Beach CA 92646
12:14:11 AM	INB	BF	3mph W	9005 Adams Ave & Magnolia St - Huntington Beach CA 92646 BROOMS OFF
12:14:26 AM	INB	BO		9003 Adams Ave & Magnolia St - Huntington Beach CA 92646 BROOMS ON
12:14:27 AM	INB	WO		9003 Adams Ave & Magnolia St - Huntington Beach CA 92646 WATER ON
12:14:47 AM	LOC	WO	6mph W	8991 Adams Ave & Magnolia St - Huntington Beach CA 92646
12:15:11 AM	STOP	WO	5mph W	8957 Adams Ave & Magnolia St - Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

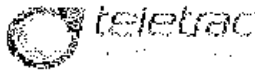
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VEHICLE NAME: 256				
4/22/2017				
12:15:23 AM	LOC	WO	5mph W	8939 Adams Ave & Magnolia St Huntington Beach CA 92646
12:15:59 AM	LOC	WO	4mph W	8889 Adams Ave & Isthmus Ln Huntington Beach CA 92646
12:16:35 AM	LOC	WO	5mph W	8803 Adams Ave & Estuary Ln Huntington Beach CA 92646
12:17:11 AM	LOC	WO	4mph W	8699 Adams Ave & Felchiff Ln Huntington Beach CA 92646
12:17:48 AM	LOC	WO	5mph W	8655 Adams Ave & Treasure Cir Huntington Beach CA 92646
12:18:24 AM	LOC	WO	5mph W	8579 Adams Ave & Vintage Ln Huntington Beach CA 92646
12:18:55 AM	INB	WF	5mph W	8511 Adams Ave & Newland St Huntington Beach CA 92646
WATER OFF				
12:19:00 AM	LOC	WF	4mph W	8505 Adams Ave & Newland St Huntington Beach CA 92646
12:19:16 AM	INB	WO		8503 Adams Ave & Newland St Huntington Beach CA 92646
WATER ON				
12:19:36 AM	LOC	WO	4mph W	8477 Adams Ave & Newland St Huntington Beach CA 92646
12:20:12 AM	LOC	WO	3mph W	8397 Adams Ave & Newland St Huntington Beach CA 92646
12:20:48 AM	LOC	WO	2mph W	8321 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:21:24 AM	LOC	WO	3mph W	8243 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:22:00 AM	LOC	WO	3mph W	8191 Adams Ave & Rothert Ln Huntington Beach CA 92646
12:22:36 AM	LOC	WO	3mph W	8147 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:23:12 AM	LOC	WO	4mph W	Coldwater Ln & Adams Ave Huntington Beach CA 92646
12:23:48 AM	LOC	WO	4mph W	8069 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:24:24 AM	LOC	WO	3mph W	8037 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:24:46 AM	INB	BF	3mph W	19998 Beach Blvd/CA-39 Huntington Beach CA 92648



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

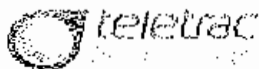
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VEHICLE NAME: 258			
4/22/2017			
BROOMS OFF			
12:24:50 AM	INB	WF	4mph W 19998 Beach Blvd/CA-39 Huntington Beach CA 92648
WATER OFF			
12:25:00 AM	LOC	WF	9mph W 877 Adams Ave & Beach Blvd Huntington Beach CA 92648
12:25:36 AM	LOC	WF	1mph SE 700 Adams Ave & Florida St Huntington Beach CA 92648
12:26:12 AM	LOC	WF	6mph E 834 Adams Ave & Beach Blvd Huntington Beach CA 92648
12:26:48 AM	LOC	WF	5mph E Adams Ave & Beach Blvd Huntington Beach CA 92648
12:26:49 AM	INB	BO	5mph E Adams Ave & Beach Blvd Huntington Beach CA 92648
BROOMS ON			
12:26:50 AM	INB	WO	6mph E Adams Ave & Beach Blvd Huntington Beach CA 92648
WATER ON			
12:27:24 AM	LOC	WO	4mph E 8048 Adams Ave & Beach Blvd Huntington Beach CA 92646
12:28:00 AM	LOC	WO	4mph E 8090 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:28:18 AM	INB	WF	6mph E 8108 Adams Ave & Coldwater Ln Huntington Beach CA 92646
WATER OFF			
12:28:21 AM	STOP	WO	5mph E 8114 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:28:36 AM	LOC	WF	4mph E 8138 Adams Ave & Coldwater Ln Huntington Beach CA 92646
12:29:12 AM	LOC	WF	4mph E 8182 Adams Ave & Rother Ln Huntington Beach CA 92646
12:29:48 AM	LOC	WF	3mph E 8238 Adams Ave & Rother Ln Huntington Beach CA 92646
12:30:10 AM	INB	WO	2mph E 8280 Adams Ave & Rother Ln Huntington Beach CA 92646
WATER ON			
12:30:24 AM	LOC	WO	3mph E 8308 Adams Ave & Rother Ln Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

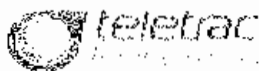
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4/22/2017				
12:31:00 AM	LOC	WO	3mph E	8384 Adams Ave & Newland St Huntington Beach CA 92646
12:31:36 AM	LOC	WO	3mph E	8454 Adams Ave & Newland St Huntington Beach CA 92646
12:32:12 AM	LOC	WO	5mph E	8524 Adams Ave & Newland St Huntington Beach CA 92646
12:32:48 AM	LOC	WO	5mph E	8604 Adams Ave & Vinlage Ln Huntington Beach CA 92646
12:33:24 AM	LOC	WO	4mph E	8678 Adams Ave & Treasure Cir Huntington Beach CA 92646
12:34:00 AM	LOC	WO	5mph E	8900 Adams Ave & Estuary Ln Huntington Beach CA 92646
12:34:36 AM	LOC	WO	5mph E	8918 Adams Ave & Mayport Ln Huntington Beach CA 92646
12:35:12 AM	LOC	WO	4mph E	8948 Adams Ave & Mayport Ln Huntington Beach CA 92646
12:35:48 AM	LOC	WO	6mph E	8984 Adams Ave & Magnolia St Huntington Beach CA 92646
12:36:24 AM	LOC	WO	5mph E	9040 Adams Ave & Magnolia St Huntington Beach CA 92646
12:37:00 AM	LOC	WO	6mph E	9146 Adams Ave & Shorewood Cir Huntington Beach CA 92646
12:37:36 AM	LOC	WO	8mph E	9500 Adams Ave & Harbor Isle Ln Huntington Beach CA 92646
12:38:12 AM	LOC	WO	8mph E	9500 Adams Ave & Marina Ln Huntington Beach CA 92646
12:38:48 AM	LOC	WO	5mph E	9500 Adams Ave & Cove Cir Huntington Beach CA 92646
12:39:24 AM	LOC	WO	6mph E	9500 Adams Ave & Port Cir Huntington Beach CA 92646
12:40:00 AM	LOC	WO	6mph E	9500 Adams Ave & Rushard St Huntington Beach CA 92646
12:40:36 AM	LOC	WO	5mph E	9546 Adams Ave & Sidcup Ln Huntington Beach CA 92646
12:41:12 AM	LOC	WO	4mph E	9574 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:41:48 AM	LOC	WO	5mph E	9682 Adams Ave & Derbyshire Ln Huntington Beach CA 92646
12:42:24 AM	LOC	WO	4mph E	9792 Adams Ave & Sutton Ln Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

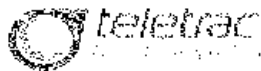
<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256			
4/22/2017			
12:43:00 AM	LOC	WO	5mph E 9852 Adams Ave & Sutton Ln Huntington Beach CA 92646
12:43:36 AM	LOC	WO	5mph E 9916 Adams Ave & Brookhurst St Huntington Beach CA 92646
12:44:12 AM	LOC	WO	5mph E 9986 Adams Ave & Brookhurst St Huntington Beach CA 92646
12:44:34 AM	INB	WF	6mph S 20027 Brookhurst St & Adams Ave Huntington Beach CA 92646
WATER OFF			
12:44:48 AM	LOC	WF	4mph S 20053 Brookhurst St & Adams Ave Huntington Beach CA 92646
12:44:57 AM	INB	WO	4mph S 20009 Brookhurst St & Adams Ave Huntington Beach CA 92646
WATER ON			
12:45:24 AM	LOC	WO	6mph S 20117 Brookhurst St & Meredith Dr Huntington Beach CA 92646
12:46:00 AM	LOC	WO	5mph S 20181 Brookhurst St & Meredith Dr Huntington Beach CA 92646
12:46:36 AM	LOC	WO	5mph S 20199 Brookhurst St & Jon Day Dr Huntington Beach CA 92646
12:47:09 AM	STOP	WO	5mph S 20199 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646
12:47:12 AM	LOC	WO	5mph S 20199 Brookhurst St & Stonybrook Dr Huntington Beach CA 92646
12:47:48 AM	LOC	WO	4mph S 20199 Brookhurst St & Craile Dr Huntington Beach CA 92646
12:48:24 AM	LOC	WO	4mph S 20199 Brookhurst St & Craile Dr Huntington Beach CA 92646
12:49:00 AM	LOC	WO	3mph S 20199 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
12:49:36 AM	LOC	WO	4mph S 20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646
12:50:12 AM	LOC	WO	4mph S 20801 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
12:50:48 AM	LOC	WO	4mph S 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
12:51:00 AM	INB	BF	4mph S 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
BROOMS OFF			



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

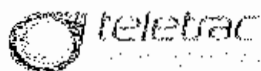
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VEHICLE NAME: 256			
4/22/2017			
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BROOMS ON			
12:51:24 AM	LOC	BO	5mph S 20801 Brookhurst St & Cliff Dr Huntington Beach CA 92646
12:52:00 AM	LOC	BO	5mph S 20801 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
12:52:36 AM	LOC	BO	8mph S 20929 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
12:53:12 AM	LOC	BO	6mph S 21035 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
12:53:30 AM	INB	BF	3mph S 21071 Brookhurst St & Dana Dr Huntington Beach CA 92646
BROOMS OFF			
12:53:35 AM	INB	BO	3mph S 21079 Brookhurst St & Dana Dr Huntington Beach CA 92646
BROOMS ON			
12:53:48 AM	LOC	BO	3mph S 21093 Brookhurst St & Dana Dr Huntington Beach CA 92646
12:54:24 AM	LOC	BO	6mph S 21137 Brookhurst St & Sprit Cir Huntington Beach CA 92646
12:55:00 AM	LOC	BO	6mph S 9999 Effingham Dr & Brookhurst St Huntington Beach CA 92646
12:55:36 AM	LOC	BO	5mph S 21315 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
12:56:12 AM	LOC	BO	6mph S 9998 Villa Pacific Dr & Brookhurst St Huntington Beach CA 92646
12:56:48 AM	LOC	BO	6mph S 21451 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
12:57:24 AM	LOC	BO	6mph W 9973 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
12:58:00 AM	LOC	BO	5mph W 9909 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
12:58:36 AM	LOC	BO	6mph W 9833 Hamilton Ave & St John Ln Huntington Beach CA 92646
12:59:12 AM	LOC	BO	5mph W 9699 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
12:59:48 AM	LOC	BO	5mph W 9663 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

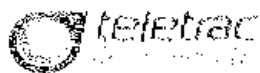
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VEHICLE NAME: 256				
4/22/2017				
1:00:24 AM	LOC	BO	8mph W	9571 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
1:00:57 AM	INB	WF	4mph W	9507 Hamilton Ave & Bushard St Huntington Beach CA 92646
				WATER OFF
1:01:00 AM	LOC	WF	3mph W	9505 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:01:04 AM	INB	WO	1mph W	9505 Hamilton Ave & Bushard St Huntington Beach CA 92646
				WATER ON
1:01:36 AM	LOC	WO	6mph W	Hamilton Ave & Bushard St Huntington Beach CA 92646
1:02:12 AM	LOC	WO	4mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:02:48 AM	LOC	WO	5mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:03:24 AM	LOC	WO	6mph W	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:04:00 AM	LOC	WO	6mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:04:36 AM	LOC	WO	9mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:04:56 AM	INB	WF	8mph W	Hamilton Ave & Magnolia St Huntington Beach CA 92646
				WATER OFF
1:05:11 AM	INB	WO		Hamilton Ave & Magnolia St Huntington Beach CA 92646
				WATER ON
1:05:12 AM	LOC	WF		Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:05:48 AM	LOC	WO	6mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:06:24 AM	LOC	WO	6mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:07:00 AM	LOC	WO	8mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:07:28 AM	INB	WF	3mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
				WATER OFF



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256				
4/22/2017				
1:07:36 AM	LOC	WF	1mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:07:42 AM	INB	BF	2mph W	8699 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
				BROOMS OFF
1:08:08 AM	STOP	BF	5mph S	21611 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:08:12 AM	LOC	BF	4mph S	21623 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:08:48 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:09:24 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:10:00 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:10:36 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:11:12 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:11:48 AM	LOC	BF		21613 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:12:24 AM	LOC	BF		21613 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:13:00 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:13:36 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:14:12 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:14:48 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:15:25 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:16:01 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:16:37 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:17:13 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646



Detailed

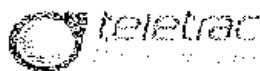
For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

Event Type Status Heading Location / Message

VEHICLE NAME: 256

4/22/2017

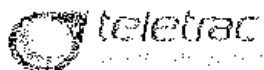
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1:18:26 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:19:02 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:19:38 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:20:14 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:20:50 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:21:26 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:22:02 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:22:38 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:23:14 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:23:50 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:24:26 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:25:02 AM	LOC	BF	21619 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:25:38 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:26:14 AM	LOC	BF	21617 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:26:50 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:27:26 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:28:02 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
1:28:38 AM	LOC	BF	21615 Surveyor Cir & Hamilton Ave Beach CA 92646	Huntington
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Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

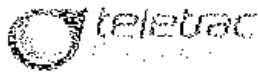
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1:31:38 AM	LOC	BF		21613 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
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1:33:26 AM	LOC	BF		21613 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:34:02 AM	LOC	BF		21611 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:34:38 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:35:14 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:35:50 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:36:26 AM	LOC	BF		21619 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:37:02 AM	LOC	BF		21619 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:37:38 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:38:14 AM	LOC	BF		21613 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:38:50 AM	LOC	BF		21619 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:39:26 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:40:02 AM	LOC	BF		21617 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:40:38 AM	LOC	BF		21615 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
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Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

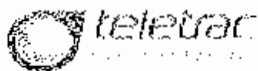
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1:43:02 AM	LOC	BF		21619 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:43:38 AM	LOC	BF	5mph SE	21698 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:43:49 AM	STOP	BF	5mph N	21658 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:44:14 AM	LOC	BF		21598 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:44:50 AM	LOC	BF		21608 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
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1:46:38 AM	LOC	BF		21602 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
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1:48:26 AM	LOC	BF		21587 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:49:02 AM	LOC	BF		21585 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:49:38 AM	LOC	BF		21598 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:50:14 AM	LOC	BF		21596 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646
1:50:24 AM	INB	BO		21598 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646 BROOMS ON
1:50:28 AM	INB	WO	1mph N	21598 Surveyor Cir & Hamilton Ave Huntington Beach CA 92646 WATER ON
1:50:51 AM	LOC	WO	3mph N	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

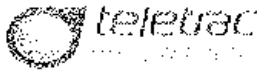
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1:52:03 AM	LOC	WO	4mph N	8698 Hamilton Ave & Surveyor Cir Huntington Beach CA 92646
1:52:39 AM	LOC	WO	5mph N	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:53:15 AM	LOC	WO	4mph N	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:53:51 AM	LOC	WO	4mph N	Hamilton Ave & Magnolia St Huntington Beach CA 92646
1:54:27 AM	LOC	WO	4mph N	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:55:03 AM	LOC	WO	4mph N	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:55:39 AM	LOC	WO	5mph N	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
1:56:15 AM	LOC	WO	5mph N	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:56:51 AM	LOC	WO	5mph N	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:57:27 AM	LOC	WO	5mph N	Hamilton Ave & Lehua Ln Huntington Beach CA 92646
1:58:03 AM	LOC	WO	5mph N	Hamilton Ave & Bushard St Huntington Beach CA 92646
1:58:39 AM	LOC	WO	5mph N	9544 Hamilton Ave & Bushard St Huntington Beach CA 92646
1:59:15 AM	LOC	WO	5mph E	9614 Hamilton Ave & Spyglass Ln Huntington Beach CA 92646
1:59:51 AM	LOC	WO	6mph E	9696 Hamilton Ave & Via Straits Ln Huntington Beach CA 92646
2:00:18 AM	STOP	WF	5mph E	9800 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:00:27 AM	LOC	WO	4mph E	21507 St John Ln/Saint John Ln Huntington Beach CA 92646
2:00:29 AM	INB	WF	4mph E	21506 St John Ln/Saint John Ln Huntington Beach CA 92646
WATER OFF				
2:01:03 AM	LOC	WF	3mph E	9826 Hamilton Ave & St John Ln Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

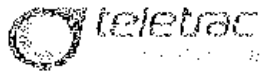
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4/22/2017			
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2:01:14 AM	INB	WF	4mph E 9832 Hamilton Ave & St John Ln Huntington Beach CA 92646 WATER OFF
2:01:39 AM	LOC	WF	4mph E 9880 Hamilton Ave & St John Ln Huntington Beach CA 92646
2:01:51 AM	INB	WO	5mph E 9918 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 WATER ON
2:02:08 AM	INB	WF	4mph E 9964 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 WATER OFF
2:02:15 AM	LOC	WF	5mph E 9974 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:02:28 AM	INB	BF	1mph E 9974 Hamilton Ave & Brookhurst St Huntington Beach CA 92646 BROOMS OFF
2:02:51 AM	LOC	BF	9974 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:03:27 AM	LOC	BF	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:04:03 AM	LOC	BF	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:04:39 AM	LOC	BF	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:05:15 AM	LOC	BF	9980 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:05:51 AM	LOC	BF	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:06:27 AM	LOC	BF	9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:07:03 AM	LOC	BF	9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:07:39 AM	LOC	BF	9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:08:15 AM	LOC	BF	9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

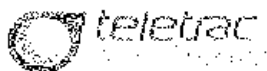
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4/22/2017				
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2:10:03 AM	LOC	BF		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:10:39 AM	LOC	BF		9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
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2:13:39 AM	LOC	BF		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:14:15 AM	LOC	BF		9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:14:51 AM	LOC	BF		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:15:27 AM	LOC	BF		9976 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:16:03 AM	LOC	BF		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:16:39 AM	LOC	BF		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
2:16:53 AM	INB	BO		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
				BROOMS ON
2:16:54 AM	INB	WO		9978 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
				WATER ON
2:17:15 AM	LOC	WO	3mph E	21503 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:17:51 AM	LOC	WO	4mph E	21555 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
2:18:27 AM	LOC	WO	3mph E	21595 Brookhurst St & Hamilton Ave Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

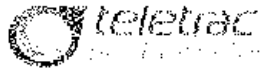
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4/22/2017				
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2:19:39 AM	LOC	WO	4mph E	21679 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
2:20:15 AM	LOC	WO	4mph E	21733 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
2:20:51 AM	LOC	WO	4mph E	21781 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
2:21:27 AM	LOC	WO	4mph E	21811 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
2:22:03 AM	LOC	WO	5mph E	21855 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
2:22:39 AM	LOC	WO	4mph E	21979 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:23:15 AM	LOC	WO	4mph E	22037 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:23:51 AM	LOC	WO	5mph E	22089 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:24:27 AM	LOC	WO	5mph E	22155 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:25:03 AM	LOC	WO	5mph E	22215 Brookhurst St & Bushard St Huntington Beach CA 92646
2:25:39 AM	LOC	WO	4mph E	22275 Brookhurst St & Bushard St Huntington Beach CA 92646
2:26:15 AM	LOC	WO	5mph E	22327 Brookhurst St & Bushard St Huntington Beach CA 92646
2:26:51 AM	LOC	WO	5mph E	Bushard St & Brookhurst St Huntington Beach CA 92646
2:26:57 AM	STOP	WO	5mph SW	Brookhurst St & Bushard St Huntington Beach CA 92646
2:27:27 AM	LOC	WO	4mph SW	Brookhurst St & Bushard St Huntington Beach CA 92646
2:28:03 AM	LOC	WO	5mph SW	Brookhurst St & Pacific Coast Hwy Huntington Beach CA 92646
2:28:39 AM	LOC	WO	4mph SW	Brookhurst St & Pacific Coast Hwy Huntington Beach CA 92646
2:29:15 AM	LOC	WO	3mph SW	Brookhurst St & Pacific Coast Hwy Huntington Beach CA 92646
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For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

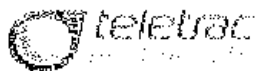
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4/22/2017				
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2:30:42 AM	STOP	WO	5mph NE	Brookhurst St & Pacific Coast Hwy Huntington Beach CA 92646
2:31:03 AM	LOC	WO	3mph NE	22356 Brookhurst St & Bushard St Huntington Beach CA 92646
2:31:39 AM	LOC	WO	2mph NE	22322 Brookhurst St & Bushard St Huntington Beach CA 92646
2:32:15 AM	LOC	WO	5mph NE	22268 Brookhurst St & Bushard St Huntington Beach CA 92646
2:32:51 AM	LOC	WO	5mph NE	22198 Brookhurst St & Bushard St Huntington Beach CA 92646
2:33:27 AM	LOC	WO	4mph NE	22198 Brookhurst St & Bushard St Huntington Beach CA 92646
2:33:35 AM	INB	WF	3mph NE	22198 Brookhurst St & Bushard St Huntington Beach CA 92646
WATER OFF				
2:33:36 AM	INB	BF	3mph NE	22198 Brookhurst St & Bushard St Huntington Beach CA 92646
BROOMS OFF				
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2:34:39 AM	LOC	BF		22114 Brookhurst St & Banning Ave Huntington Beach CA 92646
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2:36:27 AM	LOC	BF		22110 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:37:03 AM	LOC	BF		22108 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:37:39 AM	LOC	BF		22108 Brookhurst St & Banning Ave Huntington Beach CA 92646
2:38:15 AM	LOC	BF		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
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For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

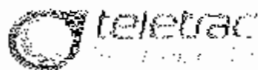
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For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

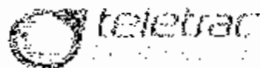
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3:02:51 AM	LOC	BF	22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
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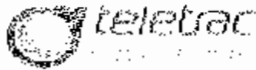
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3:13:40 AM	LOC	BF		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:14:16 AM	LOC	BF		22114 Brookhurst St & Banning Ave Huntington Beach CA 92646
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For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

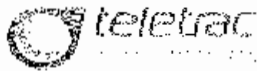
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3:23:52 AM	LOC	BF		22114 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:24:28 AM	LOC	BF		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:25:03 AM	INB	BO		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
BROOMS ON				
3:25:04 AM	LOC	BF		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:25:04 AM	INB	WO		22112 Brookhurst St & Banning Ave Huntington Beach CA 92646
WATER ON				
3:25:40 AM	LOC	WO	3mph NE	22088 Brookhurst St & Banning Ave Huntington Beach CA 92646



Detailed

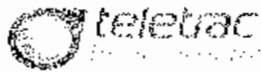
For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256				
4/22/2017				
3:26:16 AM	LOC	WO	3mph NE	22046 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:26:52 AM	LOC	WO	3mph NE	22000 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:27:28 AM	LOC	WO	4mph NE	21974 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:28:04 AM	LOC	WO	2mph NE	21948 Brookhurst St & Banning Ave Huntington Beach CA 92646
3:28:40 AM	LOC	WO	3mph NE	21940 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:29:16 AM	LOC	WO	3mph NE	21908 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:29:52 AM	LOC	WO	3mph NE	21784 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:30:28 AM	LOC	WO	2mph NE	21772 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:31:04 AM	LOC	WO	4mph NE	21730 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:31:40 AM	LOC	WO	3mph NE	21698 Brookhurst St & Baybreeze Dr Huntington Beach CA 92646
3:32:16 AM	LOC	WO	3mph NE	21668 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:32:52 AM	LOC	WO	4mph NE	21616 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:33:28 AM	LOC	WO	3mph NE	21556 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:34:04 AM	LOC	WO	2mph NE	21518 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:34:14 AM	INB	WF	3mph NE	21504 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
WATER OFF				
3:34:15 AM	INB	BF	3mph NE	Hamilton Ave & Brookhurst St Huntington Beach CA 92646
BROOMS OFF				
3:34:40 AM	LOC	BF	6mph W	Hamilton Ave & Brookhurst St Huntington Beach CA 92646
3:34:42 AM	INB	BO	6mph W	Hamilton Ave & Brookhurst St Huntington Beach CA 92646
BROOMS ON				

**Detailed**

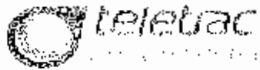
For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256			
4/22/2017			
3:34:43 AM	INB	WO	6mph W Hamilton Ave & Brookhurst St Huntington Beach CA 92646 WATER ON
3:34:50 AM	STOP	WO	5mph NW 21494 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:35:16 AM	LOC	WO	4mph NW 21450 Brookhurst St & Hamilton Ave Huntington Beach CA 92646
3:35:52 AM	LOC	WO	3mph NW 21404 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
3:36:28 AM	LOC	WO	4mph NW 21350 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
3:37:04 AM	LOC	WO	3mph NW 21300 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
3:37:40 AM	LOC	WO	4mph NW 21198 Brookhurst St & Effingham Dr Huntington Beach CA 92646
3:38:16 AM	LOC	WO	4mph NW 21172 Brookhurst St & Spar Cir Huntington Beach CA 92646
3:38:52 AM	LOC	WO	4mph NW 21120 Brookhurst St & Sprit Cir Huntington Beach CA 92646
3:39:28 AM	LOC	WO	3mph NW 21074 Brookhurst St & Dana Dr Huntington Beach CA 92646
3:40:04 AM	LOC	WO	5mph NW Atlanta Ave & Brookhurst St Huntington Beach CA 92646
3:40:10 AM	STOP	WO	5mph N 20992 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
3:40:40 AM	LOC	WO	5mph N 20900 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
3:41:16 AM	LOC	WO	5mph N 20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
3:41:52 AM	LOC	WO	4mph N 20800 Brookhurst St & Endeavor Ln Huntington Beach CA 92646
3:42:18 AM	INB	WF	3mph N 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646 WATER OFF
3:42:19 AM	INB	BF	2mph N 20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646 BROOMS OFF
3:42:28 AM	LOC	BF	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646

**Detailed**

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

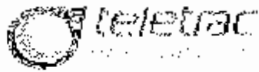
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VEHICLE NAME: 256				
4/22/2017				
3:43:03 AM	INB	BO		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
				BROOMS ON
3:43:04 AM	LOC	BF		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
3:43:04 AM	STCH	WO		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
3:43:04 AM	INB	WO		20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
				WATER ON
3:43:40 AM	LOC	WO	5mph N	20800 Brookhurst St & Cliff Dr Huntington Beach CA 92646
3:44:16 AM	LOC	WO	5mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
3:44:52 AM	LOC	WO	6mph N	20800 Brookhurst St & Spinnaker Dr Huntington Beach CA 92646
3:45:13 AM	STOP	WO	5mph N	20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
3:45:28 AM	LOC	WO	4mph N	20198 Brookhurst St & Indianapolis Ave Huntington Beach CA 92646
3:46:04 AM	LOC	WO	5mph N	20198 Brookhurst St & Craile Dr Huntington Beach CA 92646
3:46:40 AM	LOC	WO	4mph N	20198 Brookhurst St & Craile Dr Huntington Beach CA 92646
3:47:16 AM	LOC	WO	4mph N	20198 Brookhurst St & Craile Dr Huntington Beach CA 92646
3:47:52 AM	LOC	WO	4mph N	20198 Brookhurst St & Craile Dr Huntington Beach CA 92646
3:48:20 AM	INB	WF	4mph N	20192 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				WATER OFF
3:48:28 AM	LOC	WF	4mph N	Brookhurst St & Meredith Dr Huntington Beach CA 92646
3:48:43 AM	INB	BF	5mph N	20152 Brookhurst St & Meredith Dr Huntington Beach CA 92646
				BROOMS OFF
3:49:04 AM	LOC	BF	25mph S	20199 Brookhurst St & Meredith Dr Huntington Beach CA 92646



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256				
4/22/2017				
3:49:40 AM	LOC	BF	35mph S	20199 Brookhurst St & Hercules Dr Huntington Beach CA 92646
3:50:16 AM	LOC	BF	34mph S	20959 Brookhurst St & Atlanta Ave Huntington Beach CA 92646
3:50:52 AM	LOC	BF	32mph S	21317 Brookhurst St & Villa Pacific Dr Huntington Beach CA 92646
3:51:28 AM	LOC	BF	24mph W	9925 Hamilton Ave & Brookhurst St Huntington Beach CA 92646
3:52:04 AM	LOC	BF	39mph W	9533 Hamilton Ave & Bushard St Huntington Beach CA 92646
3:52:40 AM	LOC	BF	36mph W	Hamilton Ave & Polynesian Ln Huntington Beach CA 92646
3:53:16 AM	LOC	BF	27mph W	8699 Hamilton Ave & Magnolia St Huntington Beach CA 92646
3:53:52 AM	LOC	BF	31mph W	8571 Hamilton Ave & Seaford Ln Huntington Beach CA 92646
3:54:05 AM	INB	BO	17mph W	8503 Hamilton Ave & Newland St Huntington Beach CA 92646
BROOMS ON				
3:54:11 AM	INB	WO	2mph W	8501 Hamilton Ave & Newland St Huntington Beach CA 92646
WATER ON				
3:54:28 AM	LOC	WO	9mph S	21549 Newland St & Hamilton Ave Huntington Beach CA 92646
3:55:04 AM	LOC	WO	6mph S	21647 Newland St & Edison Dr Huntington Beach CA 92646
3:55:40 AM	LOC	WO	8mph S	21733 Newland St & Edison Dr Huntington Beach CA 92646
3:56:16 AM	LOC	WO	6mph SW	21785 Newland St & Biscayne Dr Huntington Beach CA 92646
3:56:52 AM	LOC	WO	6mph SW	21847 Newland St & Biscayne Dr Huntington Beach CA 92646
3:57:16 AM	INB	WF	4mph SW	21889 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
WATER OFF				
3:57:17 AM	INB	BF	3mph SW	21880 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
BROOMS OFF				



Detailed

For 4/21/2017 10:00 PM through 4/22/2017 06:59 AM (Pacific Time)

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Location / Message</u>
VEHICLE NAME: 256				
4/22/2017				
3:57:28 AM	LOC	BF		21889 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
3:57:39 AM	INB	BO	3mph SW	21899 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 BROOMS ON
3:57:40 AM	INB	WO	3mph SW	21899 Newland St & Pacific Coast Hwy Huntington Beach CA 92646 WATER ON
3:58:04 AM	LOC	WO	5mph N	21854 Newland St & Pacific Coast Hwy Huntington Beach CA 92646
3:58:40 AM	LOC	WO	5mph N	21790 Newland St & Biscayne Dr Huntington Beach CA 92646
3:59:16 AM	LOC	WO	6mph N	21752 Newland St & Biscayne Dr Huntington Beach CA 92646
3:59:52 AM	LOC	WO	6mph N	21700 Newland St & Edison Dr Huntington Beach CA 92646
4:00:28 AM	LOC	WO	6mph N	21592 Newland St & Edison Dr Huntington Beach CA 92646
4:01:03 AM	INB	WF	6mph N	21518 Newland St & Hamilton Ave Huntington Beach CA 92646 WATER OFF
4:01:04 AM	LOC	WO	6mph N	21512 Newland St & Hamilton Ave Huntington Beach CA 92646
4:01:05 AM	INB	BF	6mph N	21512 Newland St & Hamilton Ave Huntington Beach CA 92646 BROOMS OFF
4:01:40 AM	LOC	BF	37mph N	21198 Newland St & Mariners Cove Dr Huntington Beach CA 92646
4:02:16 AM	LOC	BF	24mph N	Newland St & Puerto Dr Huntington Beach CA 92646
4:02:52 AM	LOC	BF		Newland St & Puerto Dr Huntington Beach CA 92646
4:03:28 AM	LOC	BF	10mph N	Newland St & Puerto Dr Huntington Beach CA 92646
4:04:04 AM	LOC	BF	19mph N	Newland St & Indianapolis Ave Huntington Beach CA 92646
4:04:40 AM	LOC	BF	32mph N	20372 Newland St & Vail Dr Huntington Beach CA 92646
4:05:16 AM	LOC	BF	23mph N	20301 Newland St & Adams Ave Huntington Beach CA 92646

Appendix F
Worker Environmental Awareness
Program

AES Huntington Beach Energy Project

[illegible]

[illegible]

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

[illegible]

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

[illegible]

[illegible]

Appendix G
Biological Resources Monthly
Summary Report

AES Southland Development LLC

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

April 2017 Reporting Period

May 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 April 1 through April 30, 2017, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0

LNTP MONITORING SUMMARY

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

Biological monitoring is conducted on a weekly basis (one visit per week) to bi-weekly basis (two visits per week). There are no active nests within the LNTP HBEP site. Biological resources daily inspection logs are provided in Appendix A. Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the monitoring events are included in Appendix C.

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

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

2.1

NESTING BIRDS

Currently, there are no active nests within the LNTP site as of April 25, 2017. The following is a list of previously identified active nests within the LNTP Survey Area:

- Anna's hummingbird (*Calypte anna*; Nest #1: 33.643806, -117.97675) is no longer active. The female was observed near the nest, but it appears to have been damaged, presumably from high wind events.
- Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest successfully fledged. The 25-foot no-disturbance buffer was removed on April 19, 2017.

Nesting behaviors observed within the HBGS are described in further detail in the Biological Resources Compliance Monitoring Logs, which are provided in Appendix B.

2.3 SPECIAL-STATUS SPECIES

One special-status avian species, American peregrine falcon (*Falco peregrinus anatum*; California Department of Fish and Wildlife [CDFW] Fully Protected [FP], California Department of Forestry and Fire Protection [CDF] Sensitive [S], and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC], was observed within the project vicinity during monitoring.

2.4 WILDLIFE INJURIES AND MORTALITIES

2.4.1 Migratory Bird Treaty Act Protected Species

No injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed within the LNTP project site. A list of wildlife species observed during the monitoring events are included in Appendix C.

2.4.2 Other Species

No injured or dead wildlife species were observed within the LNTP boundary. A list 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 litter was observed within the LNTP and a request for removal was submitted.

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	
04/03/2017	Monday	Joe'd Cook/Butier			AES/GSD/Kiewit	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
53/62	78/81	4/11	Y/ 5%	10.0	Cloudy early with peeks of sunshine.	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		2 buffer zones, 2 HUBI	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						
Buffer zone for the BUOW was taken down.						

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
04/04/2017	Tuesday	Joe'd Cook/Butier			AES/GSD/Kiewit
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
53/67	77/81	2/11	N	10.0	Cloudy early with afternoon sunshine.
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		2 HUBI buffer zones.
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
04/05/2017	Wednesday	Joe'd Cook/Butier			AES/GSD/Kiewit
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
53/71	88/55	1/11	Y/5%	10.0	Morning clouds with afternoon sunshine.
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		2 HUBI buffer zones.
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
04/06/2017	Thursday	Joe'd Cook/Butier			AES/GSD/Kiewit
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
54/71	88/55	3/11	Y/5%	5.0	Cloudy skies early, followed by partial clearing.
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		3 Buffer zones, 2 HUBI and 1 KILL
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/07/2017	Friday	Joe'd Cook/Butier			AES/GSD/Kiewit	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
55/66	81/67	4/11	Y/5%	10.0	Cloudy all day.	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
04/08/2017	Saturday	Joe'd Cook/Butier			AES/GSD/Kiewit
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
55/65	95/66	3/17	Y/95%	7.0	Cloudy, rainy morning, afternoon sunshine.
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/10/2017	Monday	Joe'd Cook/Butier			AES/GSD/Kiewit	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
49/71	74/43	1/12	N	9.0	Sunny	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/11/2017	Tuesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
51/68	74/43	1/12	N	9.0	Sunny	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/12/2017	Wednesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
53/68	76/68	3/14	Y/5%	9.0	Sunny	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/13/2017	Thursday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
53/68	58/66	3/15	N	9.0	Partly cloudy.	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/14/2017	Friday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
52/67	78/66	3/12	N	10.0	Sunny	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/17/2017	Monday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
55/67	75/66	3/12	N	10.0	Partly cloudy	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/18/2017	Tuesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
55/69	88/69	2/13	Y/ 15%	10.0	Partly cloudy	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
04/19/2017	Wednesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
56/68	89/58	2/11	Y/ 10%	10.0	Cloudy with afternoon sun
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/20/2017	Thursday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
56/73	89/44	4/14	Y/ 5%	10.0	Partly cloudy with afternoon sun	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/21/2017	Friday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
56/73	80/36	1/11	N	10.0	Sunny	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/24/2017	Monday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
56/73	80/63	5/14	Y/5%	10.0	Sunshine and clouds mixed	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		3 Buffer zones, 1 HUBI, 1 MODO and 1 KILL	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/25/2017	Tuesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
56/73	77/49	3/15	Y/5%	10.0	Sunshine with clouds mixed.	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		1 MODO buffer zone.	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company
04/26/2017	Wednesday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment
57/74	77/49	2/12	N	10.0	Mainly sunny.
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".					
Compliance Verification Checklist – Biological Resources:					
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment
Stay within designated work areas (e.g., construction access, staging, etc.)			Y		
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		1 MODO buffer zone.
Displaced wildlife			N		
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.
Pre-construction surveys (nesting birds and bats)			Y		Completed
Items Requiring Action/Follow-up					

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/27/2017	Thursday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
58/75	62/49	5/18	N	10.0	Sunshine and clouds mixed	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		1 MODO buffer zone.	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

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

BIOLOGICAL RESOURCES DAILY INSPECTION LOG

Date	Day	Inspector/Contractor			Inspector/Contractor Company	
04/28/2017	Friday	Joe'd Cook/Butier			AES/GSD/Kiewit/GEI	
Temperature (°F) am/pm	Humidity (%) am/pm	Wind (mph) am/pm	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61/81	62/31	2/18	N	10.0	Sunny to partly cloudy.	
Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173. After you have contacted the DB, please complete a "Wildlife Observation Form".						
Compliance Verification Checklist – Biological Resources:						
General Impact Avoidance and Minimization Measures			In Compliance Y/N	Action Needed Y/N	Comment	
Stay within designated work areas (e.g., construction access, staging, etc.)			Y			
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		1 MODO buffer zone.	
Displaced wildlife			N			
Onsite traffic speed limit 15 mph			Y		10 mph in construction zone.	
Pre-construction surveys (nesting birds and bats)			Y		Completed	
Items Requiring Action/Follow-up						

Appendix B
Biological Resources Compliance Monitoring Logs

AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 3, 2017		Melissa Fowler			08:15-13:10
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
58	73	3	N	Good (10.0 mi)	100% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTP project site and the HBGS.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Anna's hummingbird (<i>Calypte anna</i>; Nest #1: 33.643806, -117.97675) is no longer active. The female was observed near the nest, but it appears to have been damaged, presumably from high wind events. The 25-foot no-disturbance buffer will remain in place until the nest monitoring event to confirm inactivity. • Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest remains active and two eggs have hatched. The 25-foot no-disturbance buffer remains in place. • Nesting behaviors were observed in paired house finches (<i>Haemorhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTP boundary. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • No special-status species were observed during the biological monitoring event. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • A clearance sweep of the landscaping vegetation was conducted within the HBGS prior to tree trimming. No additional nests or biological constraints were identified. • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird, European starling, Heermann's gull (<i>Larus heermanni</i>), house finch, mallard (<i>Anas platyrhynchos</i>), mourning dove (<i>Zenaida macroura</i>), and rock pigeon (<i>Columba livia</i>).					

Photo 1



Location

LNTF site

Description

Overview of demolition activities within the LNTF site.

Photo 2



Location

LNTF site.

Description

Overview of demolition activities within the LNTF site.

Photo 3



Location	LNTP: Containment basin.	Description	Overview of demolition activities within the containment basin.
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Photo 4



Location	HBGS: Berm near the 90-day Storage Building.	Description	The inactive burrow location, where the individual, overwintering burrowing owl once inhabited.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 7, 2017		Melissa Fowler			08:00-14:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
59	26	13	N	Good (8.0 mi)	5% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Anna's hummingbird (<i>Calypte anna</i>; Nest #1: 33.643806, -117.97675) is no longer active. The nest has been damaged, presumably from high wind events. The 25-foot no-disturbance buffer was removed. • Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest remains active and nestlings were observed. The 25-foot no-disturbance buffer remains in place. • Nesting behaviors were observed in paired house finches (<i>Haemorrhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTF boundary. • An American kestrel (<i>Falco sparverius</i>; 33.647239, -117.976564) nest appears to be active in the northern-most fuel oil tank within the HBGS. This nest is not located within the LNTF site. • A mourning dove (<i>Zenaida macroura</i>; 33.647414, -117.97715) nest was identified within the shed located immediately north of the 90-day storage shed within the HBGS. A 25-foot buffer was established. This nest is not located within the LNTF site. • A killdeer (<i>Charadrius vociferous</i>; 33.647761, -117.977064) nest was identified on the northernmost fuel oil tank containment berm within the HBGS. A 50-foot buffer was established. This nest is not located within the LNTF site. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • No special-status species were observed during the biological monitoring event. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), American kestrel, Anna's hummingbird, California ground squirrel (<i>Spermophilus beecheyi</i>), European starling, house finch, killdeer, mourning dove, and rock pigeon (<i>Columba livia</i>).					

Photo 1



Location	LNTP site	Description	Overview of demolition activities within the LNTP site.
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Photo 2



Location	LNTP: Survey Area.	Description	Overview of hummingbird nest (Nest #2) 25-foot no-disturbance buffer.
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Photo 3



Location	LNTF site.	Description	Overview of demolition activities within the LNTF site.
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Photo 4



ion	LNTF site	Description	Overview of demolition activities within the LNTF site.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 12, 2017		Melissa Fowler			07:30-13:15
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
59	77	2	N	Good (9.0 mi)	10% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest remains active and nestlings were observed. The 25-foot no-disturbance buffer remains in place. • Nesting behaviors were observed in paired house finches (<i>Haemorrhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTF boundary. • An American kestrel (<i>Falco sparverius</i>; 33.647239, -117.976564) nest appears to be active in the northern-most fuel oil tank within the HBGS. This nest is not located within the LNTF site. • A mourning dove (<i>Zenaida macroura</i>; 33.647414, -117.97715) nest was identified within the shed located immediately north of the 90-day storage shed within the HBGS. A 25-foot buffer remains in place. This nest is not located within the LNTF site. • The killdeer (<i>Charadrius vociferous</i>; 33.647761, -117.977064) nest located on the northernmost fuel oil tank containment berm within the HBGS was predated. This nest was not located within the LNTF site. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • No special-status species were observed during the biological monitoring event. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), American kestrel, Anna's hummingbird, European starling, house finch, killdeer, mourning dove, rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), white-throated swift (<i>Aeronautes saxatalis</i>), and yellow-rumped warbler (<i>Setophaga coronata</i>).					

Photo 1



Location	LNTP site	Description	Overview of demolition activities within the LNTP site.
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Photo 2



Location	LNTP: Survey Area.	Description	Overview of hummingbird nest (Nest #2) 25-foot no-disturbance buffer.
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Photo 3



Location

LNTP site.

Description

Overview of demolition activities within the LNTP site.

Photo 4



ion

LNTP site

Description

Overview of demolition activities within the LNTP site.

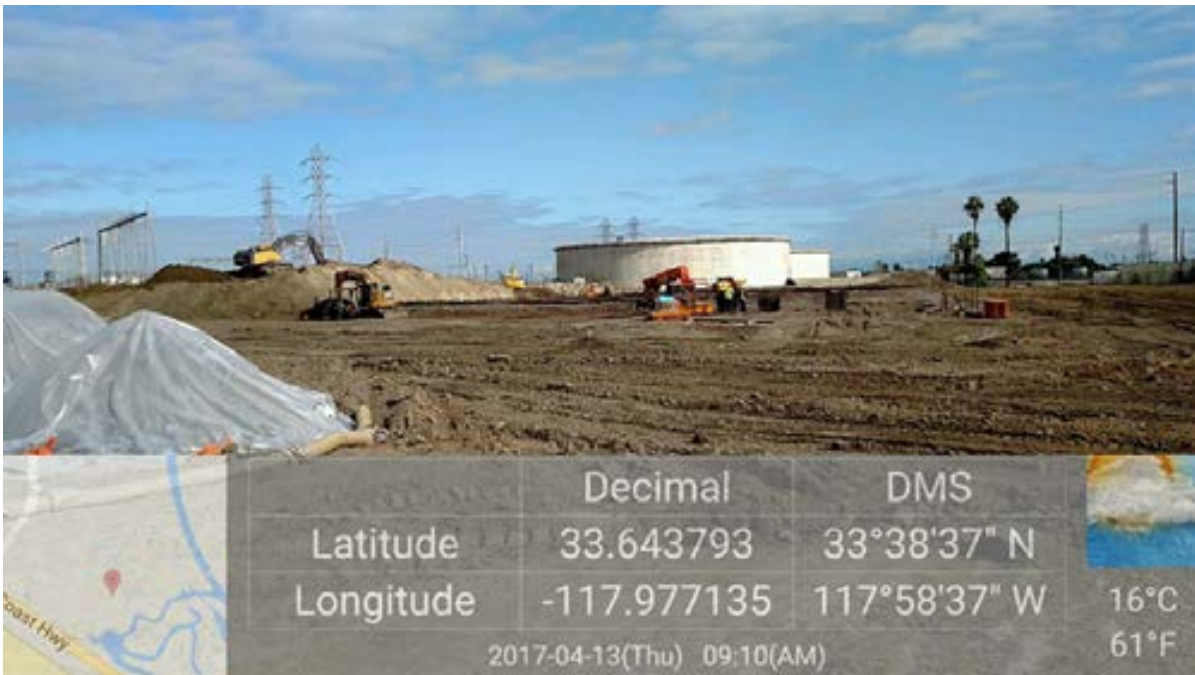
AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 13, 2017		Melissa Fowler			07:40-13:55
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
60	79	4	N	Good (9.0 mi)	65% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest remains active and hatchlings were observed. The 25-foot no-disturbance buffer remains in place. • Nesting behaviors were observed in paired house finches (<i>Haemorrhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTF boundary. • An American kestrel (<i>Falco sparverius</i>; 33.647239, -117.976564) nest appears to be active in the northern-most fuel oil tank within the HBGS. This nest is not located within the LNTF site. • A mourning dove (<i>Zenaida macroura</i>; 33.647414, -117.97715) nest was identified within the shed located immediately north of the 90-day storage shed within the HBGS. A 25-foot buffer remains in place. This nest is not located within the LNTF site. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • An American peregrine falcon (<i>Falco peregrinus anatum</i>; California Department of Fish and Wildlife [CDFW] Fully Protected [FP] and United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]) was observed flying within the vicinity of HBGS. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Coyote (<i>Canis latrans</i>) tracks were observed within the LNTF site. • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), American kestrel, American peregrine falcon, Anna's hummingbird, barn swallow (<i>Hirundo rustica</i>), Bullock's oriole (<i>Icterus bullockii</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), European starling, Forster's tern (<i>Sterna forsteri</i>), house finch, killdeer (<i>Charadrius vociferus</i>), mallard (<i>Anas platyrhynchos</i>), mourning dove, northern mockingbird (<i>Mimus polyglottos</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), snowy egret (<i>Egretta thula</i>), western gull (<i>Larus occidentalis</i>), and white-throated swift (<i>Aeronautes saxatalis</i>).</p>					

Photo 1



Location	LNTP site	Description	Overview of demolition activities within the LNTP site.
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Photo 2



Location	LNTP site	Description	Overview of demolition activities within the LNTP site.
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Photo 3



Location	LNTP site.	Description	Overview of demolition activities within the LNTP site.
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Photo 4



ion	LNTP site	Description	Overview of demolition activities within the LNTP site.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 19, 2017		Melissa Fowler			09:30-14:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
66	70	4	N	Good (10.0 mi)	0% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTF) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTF project site and the HBGS.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Anna's hummingbird (Nest #2: 33.643583, -117.977131) nest is no longer active and the fledglings have left the area. The 25-foot no-disturbance buffer was removed. • Nesting behaviors were observed in paired house finches (<i>Haemorhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTF boundary. • An American kestrel (<i>Falco sparverius</i>; 33.647239, -117.976564) nest appears to be active in the northern-most fuel oil tank within the HBGS. This nest is not located within the LNTF site. • A mourning dove (<i>Zenaida macroura</i>; 33.647414, -117.97715) nest was identified within the shed located immediately north of the 90-day storage shed within the HBGS. A 25-foot buffer remains in place. This nest is not located within the LNTF site. • Nesting behavior was observed within killdeer (<i>Charadrius vociferus</i>) within the HBGS. An active nest was not identified. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • No special-status species were observed during the biological monitoring event. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None. 					
Wildlife Species Observed:					
<p>American crow (<i>Corvus brachyrhynchos</i>), American kestrel, Anna's hummingbird, barn swallow (<i>Hirundo rustica</i>), black-necked stilt (<i>Himantopus mexicanus</i>), bushtit (<i>Psaltiriparus minimus</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), European starling, house finch, killdeer, mallard (<i>Anas platyrhynchos</i>), mourning dove, northern mockingbird (<i>Mimus polyglottos</i>), rock pigeon (<i>Columba livia</i>), Say's phoebe (<i>Sayornis saya</i>), turkey vulture (<i>Cathartes aura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and white-throated swift (<i>Aeronautes saxatalis</i>).</p>					

Photo 1



Location

LNTP site

Description

Overview of demolition activities within the LNTP site.

Photo 2



Location

LNTP site

Description

Overview of demolition activities within the LNTP site.

Photo 3



Location	LNTF site.	Description	Overview of demolition activities within the LNTF site.
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Photo 4



ion	LNTF site	Description	Overview of demolition activities within the LNTF site.
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AES Southland Development Huntington Beach Energy Project (HBEP)					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
April 25, 2017		Melissa Fowler			07:30-09:00; 11:30-12:40
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
60	73	3	N	Good (10.0 mi)	15% cloud cover
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area and portions of the Huntington Beach Generating Station (HBGS).					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a biological resources monitoring survey for biological constraints, special-status species, and nesting birds on the AES LNTP project site and the HBGS. The habitat assessment per BIO-8 was also conducted, which will be submitted under a separate cover.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> Nesting behaviors were observed in paired house finches (<i>Haemorhous mexicanus</i>) and European starlings (<i>Sturnus vulgaris</i>) within the top of the HBGS fuel oil tanks, which are located immediately north of the LNTP boundary. A mourning dove (<i>Zenaida macroura</i>; 33.647414, -117.97715) nest was identified within the shed located immediately north of the 90-day storage shed within the HBGS. A 25-foot buffer remains in place. This nest is not located within the LNTP site. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> No special-status species were observed during the biological monitoring event. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> None. 					
Wildlife Species Observed:					
American crow (<i>Corvus brachyrhynchos</i>), American kestrel (<i>Falco sparverius</i>), Anna's hummingbird, California towhee (<i>Melospiza crissalis</i>), European starling, house finch, killdeer, and rock pigeon (<i>Columba livia</i>).					

Photo 1



Location

LNTP site

Description

Overview of demolition activities within the LNTP site.

Photo 2



Location

LNTP site

Description

Overview of demolition activities within the LNTP site.

Photo 3



Location

LNTP site.

Description

Overview of demolition activities within the LNTP site.

Photo 4



ion

LNTP site

Description

Overview of demolition activities within the LNTP site.

Appendix C
Observed Wildlife Species List

Observed Wildlife Species List April 2017
LNTP Huntington Beach Energy Project

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
American peregrine falcon	<i>Falco peregrinus anatum</i>	BCC/FP/CDF: S
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black-necked stilt	<i>Himantopus mexicanus</i>	--/--/--
Bullock's oriole	<i>Icterus bullockii</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</i>	--/--/--
European starling	<i>Sturnus vulgaris</i>	--/--/--
Forster's tern	<i>Sterna forsteri</i>	--/--/--
Heermann's gull	<i>Larus heermanni</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
Killdeer	<i>Charadrius vociferous</i>	--/--/--
Mallard	<i>Anas platyrhynchos</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Snowy egret	<i>Egretta thula</i>	--/--/--
Turkey vulture	<i>Cathartes aura</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
White-throated swift	<i>Aeronautes saxatalis</i>	--/--/--
Yellow-rumped warbler	<i>Setophaga coronata</i>	--/--/--
Mammals		
California ground squirrel	<i>Spermophilus beecheyi</i>	--/--/--
Desert cottontail	<i>Sylvilagus audubonii</i>	--/--/--
Reptiles		
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

Status Codes:

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

Federal:

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

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

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

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

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

United States Forest Service (USFS) – Sensitive

Appendix H
Cultural Resources Monthly Summary
Report

Monthly Report of Cultural Resources Monitoring Activities for the Huntington Beach Energy Project; COC CUL-6

Prepared For: Clint Helton, Project Manager
Prepared By: Natalie Lawson, CRS
Reporting For Period: April, 2017

This report covers cultural resources monitoring activities at the Huntington Beach Energy Project for the month of April 2017, as required by the California Energy Commission and Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

CRS Natalie Lawson was onsite this month during the borehole drilling conducted by Kiewit.

Monitoring and Associated Activities This Period

Kiewit conducted drilling for pile testing during the month of April 2017.

Cultural Resources Discoveries This Period

No cultural resources were discovered during the month of April 2017.

Anticipated Work and/or Changes in the Next Period

The borehole drilling was completed on April 6, 2017 and no additional activities are expected at the HBEP which would require a cultural monitor for the remainder of the month or into May 2017.

Comments, Issues or Concerns

None to report.

Appendix I
Paleontological Resources Monthly
Summary Report

Paleontological Monitoring and Mitigation
Huntington Beach Energy Project
PALEONTOLOGICAL RESOURCES SUMMARY REPORT

For Period: April 2017

Prepared by: W. Geoffrey Spaulding, Ph.D., Project PRS

Prime On-site Contactor: Kewitt

On-Site Management: AES

Program (if not Facility Construction): Test Pile Drilling

Paleontological Resources Specialist: W. Geoffrey Spaulding, Ph.D.

Applicable Conditions of Certification:

PAL-3: Paleontological Resources Monitoring and Mitigation Plan (PRMMP)-
The paleontological resources monitoring and reporting protocol implemented follows the approved PRMMP.

PAL-5: Worker Environmental Awareness Program (WEAP) Paleontological Resources Module-

All field personnel involved with this drilling program received the approved WEAP training, which included a paleontological resources module specifically addressing the resources that may be encountered in the project vicinity, and required measures to reduce and mitigate those potential impacts. Persons attending WEAP indoctrination are listed in Appendix F.

PAL-6: Duties of the PRS and PRM-

These duties include “that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading, excavation, trenching and drilling in areas where potential fossil bearing materials have been identified....” Paleontological resources monitoring of the Test Pile drilling program was conducted during times that ground disturbance took place.

SUMMARY

Paleontological resources monitoring of the Test Pile drilling program continued through to completion on April 6, 2017. The PRM and PRS coordinated and reviewed the PRMMP prior to the beginning of the excavations. No potentially significant paleontological resources were encountered during this drilling. No additional paleontological resources monitoring is anticipated until the start of construction.

As noted previously, drilling for this program produced spoils that could not be related to specific depths below the surface, and were mixed with grout and other construction materials. Focus of monitoring was to discriminate undisturbed sediments from fill, and post-glacial sediments from Pleistocene and earlier rocks, if present.

Consistent with the project’s littoral location, shell fragments were noted occasionally in drilling spoils. These finds were evaluated in consultation between the PRM and PRS. They are of two types: clam or similar bivalve shell fragments with a modern or recent appearance, and oyster

shell fragments evidently mineralized and therefore fossils. The latter appeared dispersed in the subsurface fill, and not part of a fossil bed. Neither type of shell are considered a scientifically significant paleontological resource because they are too reduced to identify, their stratigraphic provenance is unknown, and (in the case of the modern-appearing shell) the material is too young to be of importance to paleontological investigations.

On March 30, the PRM noted an area, determined to be within the area of potential effect to paleontological resources from this project's construction, consisting of apparently undisturbed siltstone and diatomite. Although not entirely consistent with current understanding of the project area's geology, review of site grading plans by AES confirms the potential that the area may not have been previously disturbed by construction. Because this type of Middle Tertiary marine sediment is fossiliferous at other localities, it was requested that AES arrange to have a test trench cut through that potential outcrop. That excavation would be monitored by the PRM and the materials produced examined for fossil resources. This testing will be implemented next month.

Appendix J

Visual Resources

APPENDIX INTENTIONALLY LEFT BLANK

Appendix K

Worker Safety

[illegible]

[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]

[illegible]

AES Huntington Beach Energy Project

[illegible]

AES Huntington Beach Energy Project

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

[illegible]

[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]

[illegible]

AES Huntington Beach Energy Project

[illegible]

[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]

[illegible]

[illegible]

[illegible]

AES Huntington Beach Energy Project

EHS - All Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

5/2/2017

Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0214	Safety	04/05/2017 Monthly Toolbox Meeting.	AES	Joed Cook	Positive Observation	Other	High	Closed	4/6/2017	4/6/2017	Monthly safety meeting on, "attitude of safety". All GSD and Kiewit personal in attendance.		0
SO-0215	Safety	03/06/2017 Audit Finding	AES	Joed Cook	Positive Observation	Job Safety Analysis and Pre-Job Briefing	High	Closed	4/7/2017	4/7/2017	All Kiewit employees keep a "job hazard analysis book" on them at all times while working. (See photo). Everyd employees about following company policy and having each person fills out their own JHA. An audit of these their JHA filled out before starting work each morning. books showed that most had them filled out. 3 employees do not fill them out on a regular basis.	Spoke with Clinton (Kiewit) about talking to these employees about following company policy and having their JHA filled out before starting work each morning.	0
SO-0216	Safety	04/07/2017 Solar Lighting for Hazard Awareness	AES	Joed Cook	Positive Observation	Lighting	High	Closed	4/11/2017	4/11/2017	Solar lights attached to parking lot barriers protecting fire hydrant. (See photo below) To prevent vehicles and equipment from hitting barriers from dusk to dawn, solar lights were attached to each barrier making them easily seen.		0
SO-0217	Safety	04/10/2017 Audit Finding	AES	Joed Cook	Positive Observation	Other	High	Closed	4/12/2017	4/12/2017	A audit was done on all fire extinguishers to make sure annual and monthly checks are being completed. All tags and pins in place and all extinguishers are full and ready for use. All AES, Kiewits and GSD's fire extinguishers are in compliance.		0
SO-0218	Safety	04/11/2017 Loading of Trucks	AES	Joed Cook	Positive Observation	Traffic Management	High	Closed	4/12/2017	4/12/2017	Loading dirt for removal on trucks. Caution signs posted on Newland St. and inside AES to warn everyone of truck travel. All personal on site will be wearing hi-visibility vests while walking on site during times trucks are present. 60-62 trucks a day are coming to move dirt off site. All workers communicating with radios, all workers wearing appropriate personal protective equipment.		0
SO-0219	Safety	Near Miss - Center bar rigging	AES	Joshua Wynia	Unsafe Act	Mobile Equipment/Vehicle Management	Medium	Closed	4/14/2017	4/14/2017	While raising the test pile center bar the tip came into contact with the side of the rotary drill head, causing it to deflect off the head. The bar was momentarily caught and when the energy was released the bar sprung from its position on the ground, causing workers to move away from the area.	A Standdown was held the next workday with the entire crew to review the Near Miss, the contributing factors, corrective measures, and critical importance of identifying unsafe conditions and reporting incidents regardless of perceived danger. - The importance of a good Pocket JHA is that it identifies the "what ifs" of any operation was addressed with the crew. - Center bar Employee will identify specific hazards on the JHA Employees will wear proper cut level gloves	0
SO-0220	Safety	First Aid - Splinter Kiewit	AES	Joshua Wynia	Unsafe Act	Personal Protective Equipment	Low	Closed	4/14/2017	4/14/2017	While replacing auger bit a small metal splinter penetrated employee's right thumb.		0
SO-0221	Safety	04/12/2017 Dirt Removal	AES	Joed Cook	Positive Observation	Traffic Management	Medium	Closed	4/17/2017	4/17/2017	Loading of 34 dump trucks two times to remove dirt. Signage on Newland St. alerting of truck travel in area. Monitor at front gate to keep trucks moving in and out without congestion on Pacific Coast Highway, Newland and other surrounding streets. All truck drivers wearing proper personal protective equipment while on site. Communication kept with drivers and spotters through radio communication.		0
SO-0222	Safety	04/13/2017 Cutting Torch Usage	AES	Joed Cook	Positive Observation	Hand/Portable Tools	High	Closed	4/18/2017	4/18/2017	Cutting torch used to size 66kv poles for removal and disposal. A job hazard awareness form (JHA) was completed as well as a hot work permit. All required personal protective equipment was worn by personal involved. Fire extinguishers and a fire watch were present throughout the evolution of the work being performed; as well as 30 minutes after job had ended as required by regulation.		0
SO-0223	Safety	04/14/2017 Not Wearing Gloves	AES	Joed Cook	Unsafe Act	Personal Protective Equipment	Medium	Closed	4/18/2017	4/18/2017	Worker (Kiewit) received a metal splinter in his thumb while replacing auger. Proper personal protective equipment (cut resistant gloves) should have been being worn.	Employee will wear proper ppe when needed and will identify hazards on the JHA before work begins.	0
SO-0224	Safety	04/17/2017 Dust Mitigation	AES	Joed Cook	Positive Observation	Hierarchy of Controls	Low	Closed	4/19/2017	4/19/2017	Watering down of soil to keep dust and debris out of the air.		0
SO-0225	Safety	04/18/2017 Fall Arrest	AES	Joed Cook	Positive Observation	Personal Protective Equipment	Medium	Closed	4/20/2017	4/20/2017	Kiewit worker wearing fall arrest as per general industry regulation when working on a manlift. An inspection was completed on equipment and work area before work was started. Operator has current certification on file.		0
SO-0226	Safety	04/19/2017 Use of Tag Line	AES	Joed Cook	Positive Observation	Hierarchy of Controls	Medium	Closed	4/24/2017	4/24/2017	Kiewit using tag lines to prevent struck by/caught in between hazards.		0
SO-0227	Safety	04/20/2017 Loading of Trucks	AES	Joed Cook	Positive Observation	Personal Protective Equipment	Low	Closed	4/24/2017	4/24/2017	All truck drivers wearing proper personal protective equipment while on site. Hard Hats, safety vest, safety shoes and safety eye wear. Truck drivers stayed by the trucks during load out operations and didn't wonder around on site.		0

EHS - All Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

5/2/2017

Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0228	Safety	04/20/2017 Excavator Hits Semi-Truck	AES	Joed Cook	Unsafe Act	Mobile Equipment/Vehicle Managemer	High	Closed	4/25/2017	4/25/2017	Approximately around 7 AM a hydraulic excavator hit a semi truck trailer parked in close proximity. Semi-truck was waiting to be loaded by the excavator with material for disposal. No injuries resulted from incident. Damage to the driver side mirror and left front fender. Semi-truck was already parked in place for loading when operator entered the cab and swung the excavator around, causing the back swing radius of excavator to hit trucks driver side mirror and fender.	An immediate stand down meeting was held to discuss the incident. All GSD workers were present, as well as Josh Wynia and myself. Work place complacency was discussed, as well having 360° awareness. Each worker will take time when returning to their work task to familiarize themselves with their surroundings and identify changing conditions.	0
SO-0229	Safety	04/24/2017 Fall Prevention	AES	Joed Cook	Positive Observator	Protective System/Barriers	Low	Closed	4/28/2017	4/28/2017	Proper barricades in place to prevent worker from falling off the edge of the berm.		0
SO-0231	Safety	04/26/2017 Dust Control on Gravel	AES	Joed Cook	Positive Observator	Hierarchy of Controls	Low	Closed	4/28/2017	4/28/2017	Wet method of control on gravel stockpile, while being moved.		0
SO-0232	Safety	04/27/2017 Audit Checklist of Work Site	AES	Joed Cook	Positive Observator	Other	Medium	Closed	4/28/2017	4/28/2017	Complete checklist of work site. (See form below)		0
SO-0233	Safety	05/01/2017 Asbestos Abatement	AES	Joed Cook	Positive Observator	Personal Protective Equipment	Medium	Closed	5/1/2017	5/1/2017	Abatement of transit pipe in farm tank. Argus wearing proper personal protective equipment, including a half face respirator equipped with a HEPA filter cartridge. Cartridge is an N-100 NIOSH rating. This cartridge is specific for filtering out asbestos fibers.		0

GSD Incident Investigation

Incident Investigation Report

(Refer to Attachment 1.0 for instructions on how to complete this report)

Date of Incident: **April 20, 2017** Time of Incident: **Approximately 7:00 A.M.**

Companies Involved: **GSD Trading USA, Inc. / Alpha Petroleum Transport, Inc. II**

Investigation Date: **April 20, 2017** Project Name/Number: **Job #5346**

Client: **AES Huntington Beach Energy**

Project Location: **21730 Newland St, Huntington Beach, CA 92646**

Incident Location: **West perimeter of the East Fuel Oil Tank Farm**

Did Injury Result? Yes **No**

Is the appropriate documentation from the medical facility attached? Yes **No**

Employee Name: **Reynaldo Orozco - GSD Trading USA, Inc.**

Employee ID: **M40333** Skill Level: **Experienced/Highly Competent** Yrs in Skill: **12 Years**

Yrs with company: **3+ Years**

Describe type of injury/illness: **N/A**

Was property damaged? **Yes** No

Describe damage: **Damage to the driver side mirror. Minor Damage to the left front fender.**

Owner: **Alpha Petroleum Transport, Inc. II**

Is damaged property secured? **Yes** Name of person maintaining: **Macy Jose - Driver/Alpha Petroleum Transport, Inc. II**

Names of witness's or coworkers: **Efrain Gonzalez - GSD Trading USA, Inc.**

Weather/Wind conditions: **Mostly sunny with a high of 75° a low of 55°, with SW winds at 8-14 MPH. 10% chance of rain.**

List all Personal Protective Equipment in use at time of incident: **Hard hats, fire retardant clothing, safety boots, gloves and eye protection.**

Names of Chemicals encountered: **N/A**

GSD Incident Investigation

Form of chemicals (Solid, Liquid, Gas, Vapor, Dust, Fume): N/A

Describe Radiological materials, with volumes released: N/A

Description of Accident/ Incident: See attached documentation.

Contributing Factors: Semi truck & trailer parked in close proximity to hydraulic excavator, workplace complacency, and minimal awareness by both parties of close proximity between the hydraulic excavator and semi truck & trailer.

What Corrective actions are being taken to prevent reoccurrence? Also list the people responsible for implementing and include the target date for each of them:

A stand down meeting was held at approximately 8:45 A.M. to discuss the incident and to establish a clear and safe path forward to help mitigate against these risks and to prevent a reoccurrence. All GSD team members were present, as well as AES Project Director, Josh Wynia and AES Project Safety Representative, Joe'd Cook.

Workplace complacency was discussed, as well as 360° Awareness which will continue to be implemented by all GSD team members throughout the remainder of the project. Each team member will take time when returning to their individual work tasks to familiarize themselves with their surroundings and to identify and be aware of any changes in the conditions of their work area.

Implemented by: Trey Wilson - GSD Project Management & Josh Wynia - AES Project Director

Target Date: April 20, 2017

Was a JSA developed for the task being performed? Yes No , if yes, attach a copy.

Was a permit issued? Yes No , if yes, attach a copy of the permit in effect at the time.

Indirect Cause; Lack of; Training:

Resources:

Belief:

Explain: See attached documentation

Basic Cause; Failure to; Plan:

Direct or Supervise:

Organize:

Control:

Explain: See attached documentation

GSD Incident Investigation

Investigation checklist and Plan

Name Phone Number (Interviewed) Y N

Employee's involved	Reynaldo Orozco - GSD	Mobile: (832) 881-5722	X	
	Macy Jose - Alpha Petroleum Transport, Inc. II	Office: (951) 545-7374 Mobile: (817) 808-4151 Fax: (951) 905-1440	X	
Witness' to the incident	Efrain Gonzalez	Mobile: (832) 403-1706		
Client Representative	Joshua Wynia - AES Project Director	Office: (714) 374-1420 Mobile: (714) 227-9994 Fax: (562) 493-7320		
Agency Representative (OSHA, EPA, State)	N/A	N/A		

Documents Required Applicable Copy Attached

Y N Y N

JHA, JSA or equivalent	X		X	
Sign-in sheet		X		
Sign-out Sheets		X		
Audits		X		
Inspections		X		
Training Records		X		
Work Order/ Job Order		X		
Permit	X			
Personnel File		X		
Job Log		X		
Supervisors Log		X		
Safety Log		X		
Contract		X		
Preliminary Report	X			
Report	X			
Medical Reports		X		
Pictures of tools involved		X		
Pictures of equipment involved	X			

GSD Incident Investigation

Pictures of the scene	X			
Hand drawn replications		X		
Additional Documentation - Written Statements	X			

Investigation Team Members

Supervisor Name: Trey Wilson

Signature

Project Manager Name: Mike Huber

Signature

Site Safety Rep Name: Jesse Howlett

Signature

Corp Safety Dir Name: Mark Cotter

Signature

- Attach additional sheets and supplemental data & information as necessary.
- Email a copy to Mark Cotter, at mark.cotter@enr.com, (716) 517-5507, Jesse Howlett at jesse.howlett@gsd.com, (832) 808-1189 and Lee Hall at Lee.Hall@gsd.com, (281)731-4137.

GSD Incident Investigation

Witness/Employee Statement

(Print legibly)

Name: Efrain Gonzalez Title: Equipment Operator

Employee ID _____ Date 4/20/17 Time 2:05 am

Temporary Address _____ Phone 832-505-1708

Permanent Address 3560 Riol Blvd Apt #7 Phone 1378-404-1700

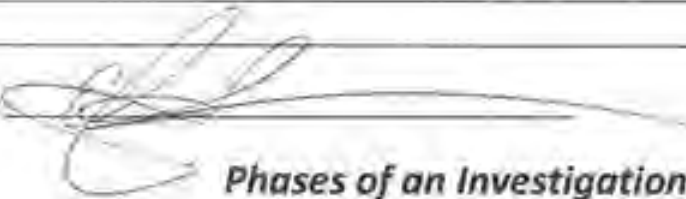
Princeton Tx 77503

Location at time of Accident/Incident Suburban corner of basin soil

Describe to the best of your knowledge, what happened just before, during, and after the incident: Was operating boom attachment and landed on my knee while up on the excavator. As the swing turned ~~the~~ this left his counter weight equipped 15000lbs that was pushed back and I slipped on the boom to shut down his excavator and check the damage of boom and check for injuries, then we contacted supervisor and other supervisors.

GSD Incident Investigation

Signature _____



Phases of an Investigation

Attachment 1.0

- **Communicating the Incident** – As soon as you learn of an incident, you need to communicate up the chain of command. For all incidents, inform your immediate supervisor, the project manager, and the site safety representative. Do not assume that the first person you talk to will notify the others.
- **Planning** – Before rushing into an investigation, make a plan. Some thought should be given to the scope and content of the investigation. Take as much time as necessary to prepare for a thorough investigation, but remember that speed is an important factor in getting all the information.
- **Conducting** – Work from your plan and gather all the information. This means interviewing people and gathering documents and evidence. Be thorough and get everything, as quickly and efficiently as possible.
- **Reporting** – Have all the information from your investigation organized, analyzed and reduced to a comprehensive report. This written report will be the record of investigation. This report and all documentation shall be submitted up the chain of command.
- **Analysis and Conclusion** – The report is reviewed and decisions are made as to the cause, responsibility, correction, future prevention, and the impact on policies and procedures.

Performing Incident Investigations

- The first thing you'll want to do is secure the incident area, to preserve evidence as well as to keep further incidents or injury from happening.
- View the location and take pictures if possible. If no camera is available or prohibited on your site, then draw a diagram of the scene. Include all pertinent information and distances.
- Interview all witness's as soon after the incident as possible. The longer the time period between the incident and the interview, the less clear the recollection.
- When interviewing people, maintain an open mind and self control. It's your job to act like a reporter, and simply record the facts as stated, rather than to assert your opinion or influence the witness.
- Choose a place to conduct the interview, free from distractions and in private. Interview one witness at a time.

GSD Incident Investigation

- Know as much about the basic facts as you can before conducting the interview, so you ask pertinent questions.
- Take notes of all interviews. Have each witness write a statement in their own words and sign the document.
- Do not rush anybody, and ask open-ended questions. Remember to ask, Who, What, Where, When, Why. Never end an interview without asking, "Is there anything else?"
- Interview the injured or affected employee in the same manner.
- Listen to the employee carefully. Be sympathetic, concerned, fair and accurate.
- Investigate the incident! This may be a symptom of something wrong in the work place, which, if caught early, could prevent a serious injury.
- Complete an Incident Investigation Report as accurately as possible.
- If you have suspicions or are not completely satisfied, you have every right and the responsibility to send the employee to the company doctor. (Be sure to supply the transportation to and from and on company time.)

Minor injuries requiring medical attention

- If no onsite first aid station is available, take the employee to a company doctor. After hours go to pre-determined emergency room.
- Fill out the "Authorization for medical Treatment" and sign, being sure to check the box marked "Drug and Alcohol screen". Send this form to the doctor on the first visit. This form will come back with the employee's work status and will be used as their work release. Each follow-up visit requires a new form.
- Inform the doctor of any unusual aspects of the case or if there is any question of the incidents cause. If the employee is relatively new with a poor work history, or is going to be laid off in a few days because of job completion, relay that information to the doctor.
- Do a thorough scene investigation.
- Fill out the incident investigation report completely.
- It is the supervisor's responsibility to supply the dates the employee went to the doctor, missed work, scheduled days off, or the day the employee should have been terminated had he not been injured.

GSD Incident Investigation

NOT APPLICABLE

Authorization for Medical Treatment

Attachment 2.0

To: _____ Address _____ Date _____

_____ Check for a Drug and Alcohol Screen test

In accordance with the provisions of, and under the conditions prescribed by, the Workers Compensation Act. Unless the case is an emergency, kindly obtain authorization for Surgery, Radical procedures, or Hospitalization from the insurance carrier.

Fax this completed form to Cindy Lambert at (281) 459-1596

Send your bill and report also to Cindy Lambert , GSD Demolition, 7135 S Lake Houston Pkwy, Houston, TX , 77049

GSD Employee _____

Date of Injury _____ Location _____ Job # _____

How Injury Occurred _____
.....

For Doctors use only

Diagnosis of injury _____

Disposition of patient_ Occupational, _____ Non Occupational, _____ Unable to Determine _____

Able to resume regular duties _____

Able to resume regular duties next workday _____

Able to resume restricted duties with the following limitations _____

Unable to return to work, estimated length of disability _____

Return for follow-up visit on _____ Discharged from care _____

Doctors Signature _____



AES Southland PJB/JSA

Work Order # _____

Date 4/17/2017Contract Administrator (AES): Jeff McClarty Emergency Phone # 713-231-8863Contractor/ Lead Person Miguel Huber / Jesse Haullette Emergency Phone # 281-770-5425 / 832-808-1189Unit # 5 Equipment and Location: Tank Farm BermSCOPE OF WORK: Load out soil & grade area

Work Authorization Level:

☐ Clearance # _____
 ☒ HCP # _____
 ☐ P-LOTO _____
 ☒ Approval _____
S.T.I.C.C: *Use this process DAILY to conduct an interactive PJB prior to starting work*SITUATION: Verbal. Specifically describe the overall situation at your immediate jobsite and surrounding areas. How will changes affect you?TASK/SCOPE: Verbal. What equipment is being worked on? What is your detailed scope of work? Will Scope change during job? Be specific.INTENT/ACTION PLAN: Verbal. This is how we intend on proceeding with our job and the major steps of our action plan. REVIEW JSACONCERNS: Written + verbal. Here's what we should keep our eyes on. What changes in status would concern me? Has anything changed since yesterday? List any concerns that could compromise safety. Review and document concerns daily.Day 1: Traffic, pedestrians, be careful.Day 2: Wet surfaces, possible rain. Traffic, pedestrians, be careful.Day 3: Truck traffic, pedestrians.Day 4: Truck traffic, pedestrians.

Day 5: _____

CROSSCHECK: Verbal (tailboard to ensure that all parties are in agreement as in the Situation, Task/Scope, Intent/Action Plan, Concerns and any other special aspects of the job).

HAZARD IDENTIFICATION:

☒ Slips, Trips, Falls
 ☐ Overhead Work
 ☒ Dust Hazards
 ☐ Vapors, Gases, Mists
 ☒ Noise
 ☐ Electrical
☒ Pinch Points
 ☐ Radiation
 ☐ Chemical
 ☐ Weather
 ☐ Low Lighting/Visibility
☐ Other(s) _____

PERSONAL PROTECTIVE AND SAFETY EQUIPMENT REQUIRED:

☒ Hard Hat
 ☒ Safety Glasses
 ☒ Leather Work Boots/Shoes
 ☒ Nomex/FR Clothing
☐ Non-entry Rescue
 ☐ Goggles
 ☐ Flash Suit
 ☒ Gloves (type) leather
☒ Hearing Protection
 ☐ Face Shield
 ☐ Slick Suit
 ☐ Respirator (type) _____
☐ Fall Protection
 ☐ Temp. Lighting
 ☐ Other(s) _____

AUTHORIZATIONS/PERMITS/PLATFORMS REQUIRED:

☐ Hot Work
 ☐ Permit Required Confined Space
 ☐ Dive plan
 ☐ Excavation
☐ Confined Space
 ☐ Rescue Plan
 ☐ Live Line Work
 ☐ Equip. Test
☐ Scaffolding
 ☐ Other(s) _____
Have ALL workers received Site Safety Orientation? ☒ Yes ☐ No (if no, check with AES CA before proceeding)Do ALL workers understand their role? ☒ Yes ☐ No (if no, check with AES CA before proceeding)

Contract Admin Review (PRINT/SIGN)	Date/Time	Control Room Review (PRINT/SIGN)	Date/Time
1. <u>Sarah Lewis</u>	<u>4/17/17</u>	1. <u>Bowman</u>	<u>4/17/17 06:42</u>
2. <u>Jeff McClarty</u>	<u>4/18/17</u>	2. <u>Bowman</u>	<u>4/18/17 06:54</u>
3. <u>Jeff McClarty</u>	<u>4/19/17 6:50</u>	3. <u>Bowman</u>	<u>4/19/17 06:50</u>
4. <u>Jeff McClarty</u>	<u>4/20/17 6:50</u>	4. <u>Bowman</u>	<u>4/20/17 06:50</u>
5. _____	_____	5. _____	_____

IN CASE OF EMERGENCY CALL THE CONTROL ROOM

1&2 (714) 374-1401

Hierarchy of Hazard Control is the systematic approach to identify the most effective method(s) to eliminate or minimize exposure to and/or consequences of hazards. Hierarchy of Hazard Controls methods from most to least effective are:

MOST EFFECTIVE

LEAST EFFECTIVE



Job Safety Analysis			
Step No.	Step Description	Potential Hazards	Hazard Mitigation
1	Load out soil	slips trips, Equipment failure, spills, crush, struck by, tipover, Track traffic, blind spots	Housekeeping, inspections, spill kit, keep clear, Communicate, spotters
2	Grade Borm area to stockpile	Same as 1 Dust	water as needed Same as 1
3	full up Truck Bottom gravel	Same as 1 Extra spectators	communicate
4			
5			
6			
7			
8			
9			
10			

I have conducted a daily PIB and reviewed the JSA with MY ENTIRE CREW prior to starting work:

Lead Person Initials: Day 1: Day 2: Day 3: Day 4: Day 5:

IN CASE OF EMERGENCY CALL THE CONTROL ROOM

1&2 (714) 374-1401

Daily Brief Sheet & Safety Meeting

GSD	AES Huntington Beach
-----	----------------------

Date: 04/20/2017

Location: 21730 Newland St. Huntington Beach CA, 92646

Project Manager: Mike Huber

Work Scope:

- Continue Grading the soil Stockpile and tank farm area
- Load out soil
- Housekeeping
- Demo Awning/fence
- Prep tool trailer for demobilization
- Compile rock from tank ring

Equipment (Excavators, Trucks, Etc.):

- Skidsteer
- Volvo 480 with attachments
- Komatsu 360 with bucket and thumb
- Volvo Dump truck
- Dozer
- Mini Excavator

Safety Hazards/PPE/Hazardous Materials Handling Instructions:

- House Keeping – Keep your work area clean and neat, this includes the equipment. Take a garbage can/bag with you for each work area to collect trash as it is generated.
- Stop Work Authority - Everyone has "Stop Work Authority". If anyone sees something that doesn't look right or you are uncomfortable with we will stop work, evaluate and discuss the issue, and when everyone understands and is comfortable we will move forward with the work.
- Barricades - Make sure you barricade your work areas and hang demo signs.
- Slips, Trips & Falls – Be aware of your footing, uneven ground, keep debris out of walkways. 100% Tie off inside manlift. **When using stairs use the hand rails, when using ladders maintain (3) points of contact.**
- Dehydration– Drink water even when it is not hot.
- Burns, fire, cuts– Use proper PPE when conducting hot work. A fire watch with 20 lbs fire extinguisher will remain 30 minutes after hot work cessation.

Activity Hazard Analysis References:

- AHA-1 Aerial Lift
- AHA-2 Powered mobile equipment
- AHA-3 Nuisance dust
- AHA- 6 basic electrical
- AHA- 8 Elevated work
- AHA-11 Flammable and combustible material
- AHA-12 General safety
- AHA-13 Hand, Power Tools
- AHA-14 General Demolition

Daily Brief Sheet & Safety Meeting

GSD	AES Huntington Beach
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- AHA-16 Lead exposure
- AHA-17 LOTO
- AHA-19 Material Handling
- AHA-20 operations of mobile equipment
- AHA-23 Asbestos awareness
- AHA-24 track excavator
- AHA-25 Sign and Barricade
- AHA-26 welding, cutting
- Brief Checklist:

- ☒ Cold Work Permit # _____
- ☒ Hot Work Permit # _____
- ☐ Confined Space Permit _____
- ☐ Hold Point _____
- ☐ Equipment Inspections _____ Daily
- ☒ Spill Kit(s) Available _____

Weather:

Mostly sunny with a high of 75°F, a low of 55°F with SW winds at 8-14 MPH. 10% chance of rain.

Additional Safety Meeting Topics:

- Today's tasks
- 360° Awareness

Brief Sign-in

Gary Trail	Jeff McElroy	WHL	BEI
Tracy Wilson	ENRICO RUFINI	WHL	GEI
Roguelito G. Repurto	Joel Cortez	WHL	BEI
Elmer Gonzalez	Neil Allen	WHL	BEI
Diana SALDANA	RAFAEL RENTERIA	WHL	BEI
Chris Santani			
DAVIDO CEBALLOS			
Tom Cocco			
Rick Warner			
Robert Stormo			
MARK SMITH			
Sarah Wyatt			
Charles Griffith			

Global Scrap & Dismantling Page 2 of 2	HBEP 5346
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Location of Job Unit 5 Penck		Job Task Analyzed Load soil/grade stockpile and tank farm	
General PPE Required: Hard Hat, Safety Glasses, Steel-Toed Safety Shoes, Leather Gloves, Additional PPE (as needed)	Safety Access/ Location Shelter in Place Maintenance bldg	Supervisor of Work: Jesse Howlett / Troy Wilson	
		JSA Prepared By: Troy Wilson	
Pre-Job Preparation	Evacuation Route: Crosswind up wind Assembly Point: Main Gate	Are other crews in area? Yes	
1. Complete JSA and Review 2. Daily Briefs 3. Work permits reviewed and signed		New: <input checked="" type="checkbox"/> Revised: <input type="checkbox"/>	Date: 4/20/17
Job Task (What you are doing)		Weather Forecast: See Daily Brief High Temp: 75 Low Temp: 55 Wind Speed/direction: SW 8 - 14 mph Humidity: Precip: 10%	
Load Soil Trucks Grade stockpile and move soil Site cleanup Demo Awning/fence/wall Compile rock around tank ring		Potential Hazards Equipment failure, Dust, Flying debris, Struck by, Crush, Truck traffic, Spills, Pinch points, Cuts, Lacerations, hand and power tools, electric shock Slips trips and falls, Strains and sprains, Truck drivers	
Recommended Action or Procedure Equipment inspections, Water as needed, Keep distance from activity, Communicate, Watch for trucks do not get between them, Spill kits, Housekeeping Proper lifting, Watch body placement, Gloves, inspect tools and cords, proper tool		Supervisor's Comments: Be aware of your surroundings. Practice 360° awareness at all times.	
Stay focused! Crew Name Signatures: <i>[Signatures]</i>		Supervisor's Initials:	

JOB SAFETY ANALYSIS

Global Scrap & Dismantling Page 1 of 2	(Job Title)
--	-------------

JSA CHECKLIST FORM

Job Analyzed: Soil load out, grade stockpile and tank farm/demo awning

Project Name: AES HE 5346

Consider the following and check the items which apply to the job, then review with the work crew.

PERMITS <input type="checkbox"/> Excavation <input checked="" type="checkbox"/> Cold Work <input type="checkbox"/> Hot Work <input type="checkbox"/> Confined Space Entry Permit <input type="checkbox"/> All Conditions Met <input type="checkbox"/> Signed-off When Complete <input type="checkbox"/> Other: _____	WELDING / BURNING <input type="checkbox"/> Flash-tiums <input type="checkbox"/> Combustibles <input type="checkbox"/> Spark Containment <input type="checkbox"/> Shields <input type="checkbox"/> Grounding <input type="checkbox"/> Water Hose <input type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Fire Blanket <input type="checkbox"/> Fire Watch <input type="checkbox"/> Sewer Covers <input type="checkbox"/> Other: _____	HAZARDS (ENVIRONMENTAL) <input checked="" type="checkbox"/> Cold Stress <input checked="" type="checkbox"/> Heat Stress <input checked="" type="checkbox"/> Heavy Objects <input checked="" type="checkbox"/> Hot/Cold Surfaces or Materials <input checked="" type="checkbox"/> Inadequate Lighting <input type="checkbox"/> Irritating Plants <input checked="" type="checkbox"/> Noise <input type="checkbox"/> Heavy Weather <input type="checkbox"/> Insects/Animals <input type="checkbox"/> Other: _____
PPE <input type="checkbox"/> Chemical Protective Gloves <input checked="" type="checkbox"/> Leather Gloves <input type="checkbox"/> Special Purpose Gloves (e.g. Kevlar) <input type="checkbox"/> Chemical Protective Coveralls <input type="checkbox"/> Acid Suit <input type="checkbox"/> Chemical protective Boots <input type="checkbox"/> Chemical Splash Goggles <input checked="" type="checkbox"/> Face Shield (Tinted for Thermal Cutting) <input type="checkbox"/> Respirator (Lead Protection, while Thermal Cutting & ACM Removal) <input type="checkbox"/> Fresh Air Ventilation <input type="checkbox"/> Hearing Protection (as needed) <input type="checkbox"/> Safety Harness <input type="checkbox"/> Burning Goggles/Welder's Helmet <input type="checkbox"/> Other: _____	Ground/OVERHEAD WORK <input checked="" type="checkbox"/> Baricades <input checked="" type="checkbox"/> Signs <input type="checkbox"/> Hole Cover/blocked <input type="checkbox"/> Handrail (Center steps during floor removal) <input type="checkbox"/> Other: _____	HAZARDS (CHEMICALS) <input type="checkbox"/> Chemical Burn Skin/Eyes <input type="checkbox"/> Flammable <input type="checkbox"/> Ingestion <input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Contact
TOOLS <input checked="" type="checkbox"/> Current Inspection <input checked="" type="checkbox"/> Proper Tools for the Job <input checked="" type="checkbox"/> Good Tool Condition <input type="checkbox"/> Qualifications, e.g. explosive-actuated tool <input type="checkbox"/> Other: _____	ELECTRICAL <input checked="" type="checkbox"/> Locked & Tagged out <input type="checkbox"/> Try Start/Stop Switch <input type="checkbox"/> GFCI Test <input type="checkbox"/> Assured Grounding <input checked="" type="checkbox"/> Extension Cord Inspection <input type="checkbox"/> Other: _____	HAZARDS (BODY) <input type="checkbox"/> Fall Potential <input checked="" type="checkbox"/> Pinch Points (Heavy Equip & Small Tools) <input checked="" type="checkbox"/> Slip-Trip Potential <input type="checkbox"/> Other: _____
EMERGENCY EQUIPMENT <input checked="" type="checkbox"/> Fire Extinguishers <input checked="" type="checkbox"/> Eyewash (Portable) <input checked="" type="checkbox"/> Evacuation Route Mapped <input type="checkbox"/> Other: _____	LIFTING <input type="checkbox"/> Forklift <input type="checkbox"/> Boom Truck <input type="checkbox"/> Load Chart <input type="checkbox"/> Angle <input type="checkbox"/> Crane <input type="checkbox"/> Chain-fall <input type="checkbox"/> Proper Rigging Practices <input checked="" type="checkbox"/> Manual Lifting <input checked="" type="checkbox"/> Condition of Equipment <input type="checkbox"/> Operator Certification (Manlift) Associated equipment <input type="checkbox"/> LOTO <input checked="" type="checkbox"/> Air-gapped <input type="checkbox"/> Blanked/Blinded <input checked="" type="checkbox"/> Air Monitoring <input type="checkbox"/> Verified clean <input type="checkbox"/> Other: _____	OTHER WORK IN AREA <input type="checkbox"/> Others Working Overhead <input type="checkbox"/> Type Work Others Doing <input type="checkbox"/> PPE Due to Other Work <input checked="" type="checkbox"/> Other: Crash/struck by
ACCESS <input type="checkbox"/> Scaffold (properly inspected _____) <input type="checkbox"/> Scaffold Training <input type="checkbox"/> Ladder <input type="checkbox"/> Man-lift <input type="checkbox"/> Personnel Basket (inspected/approved) <input type="checkbox"/> Operator Training <input type="checkbox"/> Special Provisions <input type="checkbox"/> Other: _____	CONFINED SPACE ENTRY <input type="checkbox"/> Permit Required <input type="checkbox"/> Permit Completed <input type="checkbox"/> Personnel Trained <input type="checkbox"/> Rescue Services Available	EXCAVATION <input type="checkbox"/> Permit Completed <input type="checkbox"/> Competent Person Supervising <input type="checkbox"/> Underground Utilities <input type="checkbox"/> Overhead Hazards <input type="checkbox"/> Soils Tested <input type="checkbox"/> Heavy Equipment Inspected <input type="checkbox"/> Perimeter Protection <input type="checkbox"/> Daily Inspections <input type="checkbox"/> Protective Systems <input type="checkbox"/> Air Monitoring

SUPERVISOR/FOREMAN RECOMMENDATIONS:

4-20-17

I Reynaldo Orozco am writing this statement to say that this morning i got in my Volvo 480 after my morning inspection i fired up the equipment and i proceeded to swing left when i did that my counter weight made contact with the truck that was staged to go loaded i failed to keep in mind that he had parked the truck extremely close to my excavator.

Reynaldo Orozco
(832) 881-5122

04-30-2017

Arrive at the Job site located @
AES - 21730 Newland St. Hunting Beach
92646 approximately 600 AM. Stage truck
102/107 to South Side dirt pile around
650 am excavator operator did his
pre-trip inspection on his equipment.
excavator is park next to Apt-102
on the driverside approximately 5-6 feet
away. Operator started his excavator
to warm up, when he swung the top
Cab of the excavator it hit
the Driverside mirror (Broke into Pcs.)
hit the Air filter box, Driver side
fender, Bumper (Pictures are forwarded to
"Tray Wilson"

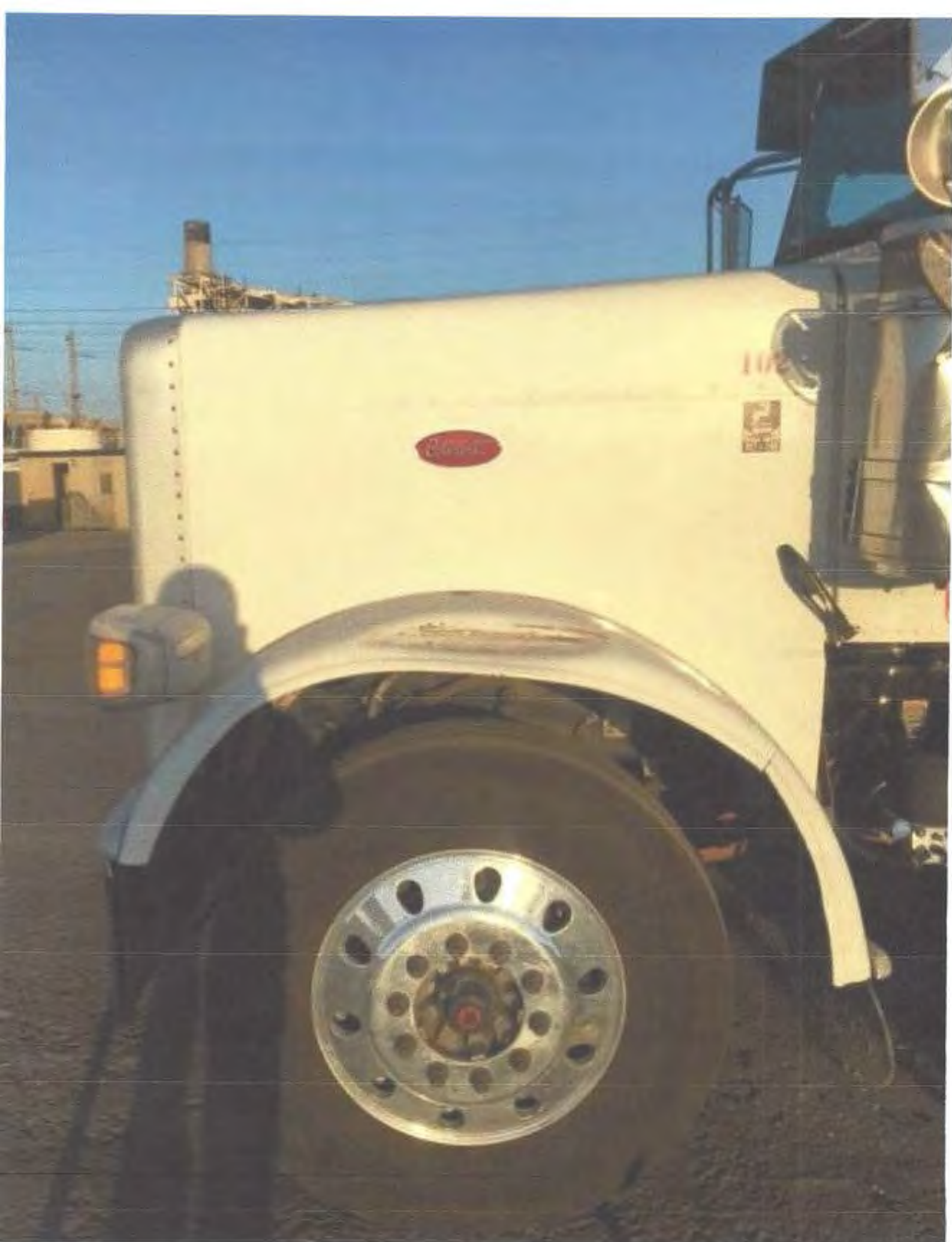
Marcy Jones
Director Of Transportation
Alpha Petroleum Transport Inc
817-808-4151
marcyjones@alphapetroleuminc.com
marcyjones@gmail.com

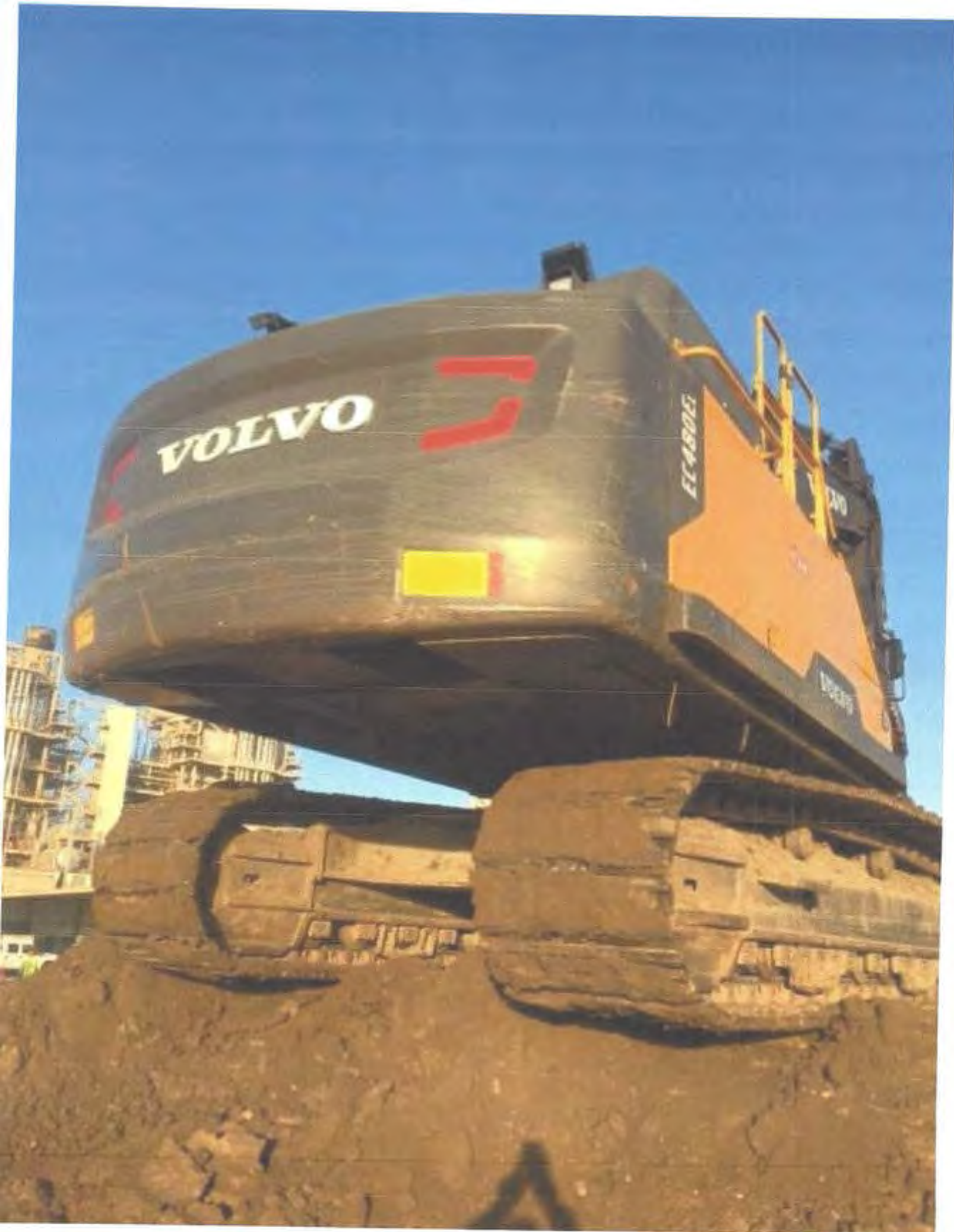












Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: May 5, 2017

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



Location: Unit 1 and 2 Control Room

Worker Safety - 5



Location: Unit 3 and 4 Control Room-



Location: Maintenance Building

Appendix L

Changes to Conditions of Certifications



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

tel 562 493 7891
fax 562 493 7320

April 27, 2016

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

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

Dear Mr. Veerkamp;

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

Sincerely,

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

Attachments

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

Sene Viola

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

Good Morning Sene,

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

Let me know if you have any questions.

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

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

Eric,

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

Best regards,

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

Sene Viola

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

Eric,

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

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

Please give me a call if you have any questions.

Best regards,

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

Sene Viola

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

Sene,

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

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

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

Thanks. Let me know if you have any questions.

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

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

Eric,

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

Attachment 1 – Argus Site Specific Health and Safety Program

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

Sene Viola

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

Eric,

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

Sincerely,

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

Sene Viola

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

Sene,

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

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

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

Good Morning Eric,

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

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

Please let me know if you have any questions.

Thank you,

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

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

Sene,

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

Thank you.

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

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

Good Morning Eric and Kevin,

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

Please give me a call if you have any questions.

Thank you,

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

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

Please give me a call if you have any questions.

Best regards,

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



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

tel 562 493 7891
fax 562 493 7320

March 20, 2017

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 TRANS-3 Traffic Control Plan

Dear Mr. Veerkamp;

AES Huntington Beach Energy, LLC (AES) is providing the attached Berm Removal & Transportation Plan for East Fuel Oil Tank Berm for the limited notice to proceed (LNTP) in accordance with Condition of Certification TRANS-3. If you have any questions please do not hesitate to contact myself.

Sincerely,

Joshua Wynia
Project Director
AES Huntington Beach Energy, LLC

Attachments

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

Berm Removal & Transportation Plan for East Fuel Oil Tank Berm

Submittal Revision 2

Michael Huber

3/16/2016

Demolition of East Fuel Oil Tank Berms

The Tank Berms that surround the East Fuel Oil Tank and Distillate Oil Tank are approximately twelve (12) to seventeen (17) feet above existing grade; the berms are surfaced with asphalt pavement along the top surface, and with a concrete pavement (with wire mesh reinforcing) on the berm side slopes. The asphalt and concrete surfacing shall be removed from the berms and disposed of by GSD.

GSD will demolish the East Fuel Oil Tank Berms and all related equipment, fixtures, stairways, piping, etc. down to grade. GSD will transport and dispose of all contaminated soil, waste and demolition debris in accordance with all federal, state and local laws and regulatory requirements as well as AES requirements. Concrete and asphalt pavement, storm water conveyance systems exterior fencing and other site features designated to remain will be protected.

Piping systems are routed through the base of the tank berm. Pipes and insulation routed through the berm shall be removed and placed in an area designated by AES for asbestos removal.

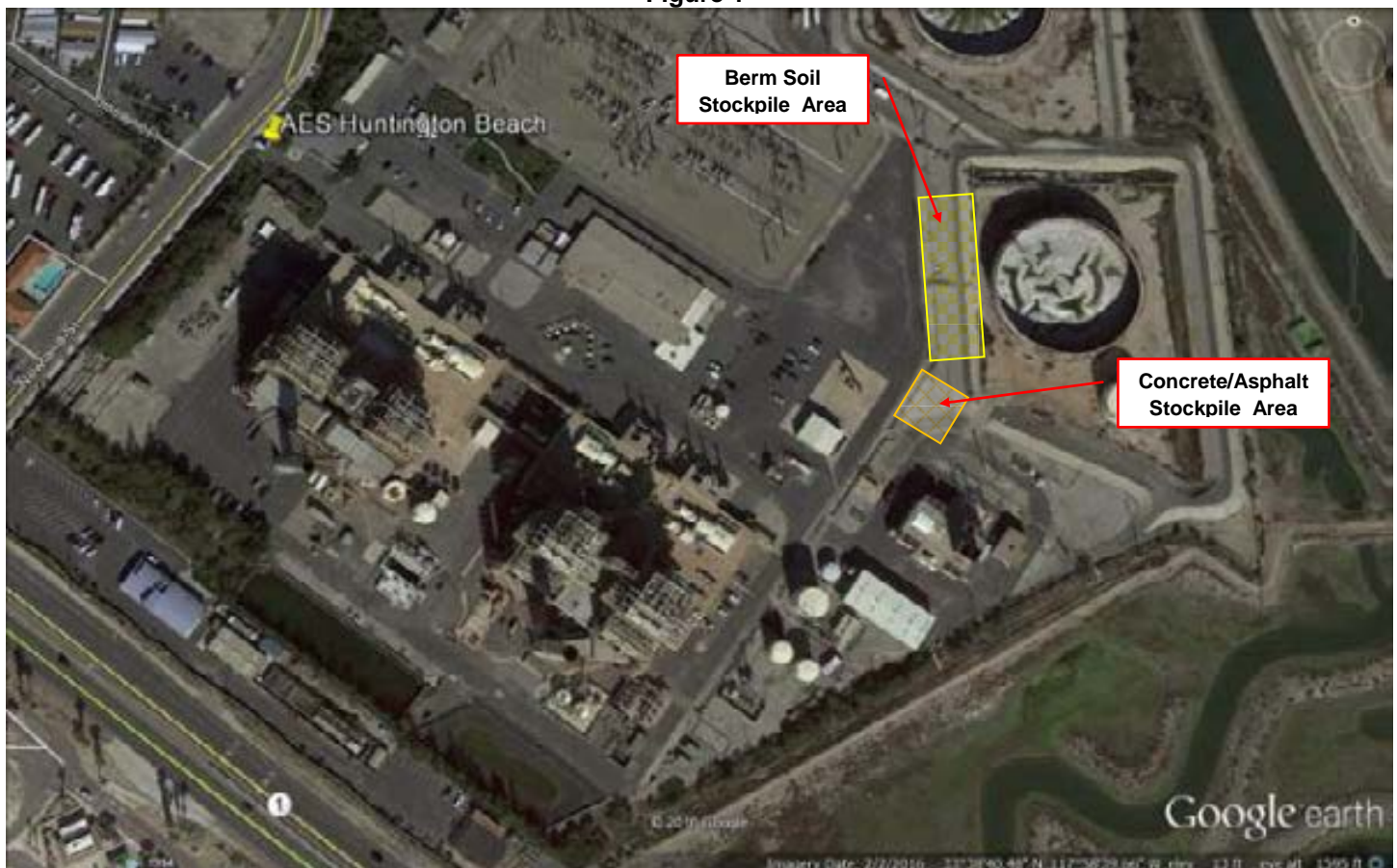
Electrical conduits are routed over the berm (along the access stairs) and through the base of the tank berm; conduits and their contents shall be demolished and removed.

Berm Soil Consolidation

GSD will begin by removing the asphalt and concrete surfacing which will be stockpiled at the southeast corner of the tank farm berm area (Figure 1). The concrete and asphalt will be moved using an excavator with bucket and off road dump truck.

GSD will consolidate the tank farm berms into one stockpile east of the parking lot west of the tank farm area (Figure 1). The berm soil will be moved using an excavator with bucket, off road dump truck and dozer.

Figure 1



Temporary Staging Area

1. No off site staging is authorized, all truck staging will be onsite.
2. GSD will locate the temporary staging area in the parking lot west of the Unit 5 Peaker Building and East Fuel Oil Tank Farm (Figure 2).
3. GSD will remediate contamination of the temporary staging area caused by GSD to the satisfaction of AES.
4. GSD will leave no materials or wastes on site at the completion of the Project.

Figure 2



Traffic Management

General Traffic Requirements

1. GSD will not close or obstruct public streets, walks or facilities. GSD will conduct the Project to minimize interference with access on public streets and sidewalks. No lane or road closures will be required.
2. Signs will be post north and south of the plant main entrance to warn traffic of trucks entering the roadway.
3. GSD will control all traffic pertaining to this Project on the site as well as all traffic entering and leaving the site (Figure 1). Traffic includes all movement of pedestrians, vehicles and equipment.
4. Access for emergency vehicles will be maintained at all times.
5. The anticipated trucking schedule will be 7:00 AM - 5:00 PM, Monday through Saturday.
6. GSD will repair any damage to any existing facilities designated to remain upon completion of the Project resulting from abuse or damage by project vehicles, personnel or equipment.

Traffic Movement Onsite

1. GSD will provide a safe means for pedestrian traffic and ensure that all personnel that arrive on the site are made aware of these means. This may include but not be limited to additional barricades and/or signage at pedestrian crossings.
2. Truck drivers will be met at the main entrance and directed or escorted to the staging and loading areas.
3. Upon arrival each driver name, company and truck number will be tracked on an accountability log.

Speed Limit

1. Upon Arrival at the Property, drivers will be instructed that all Plant Traffic Signage and Speed Limits (10 MPH) will be followed without exception. This includes the Main Gate, Loading/Unloading Areas, and temporary staging area.

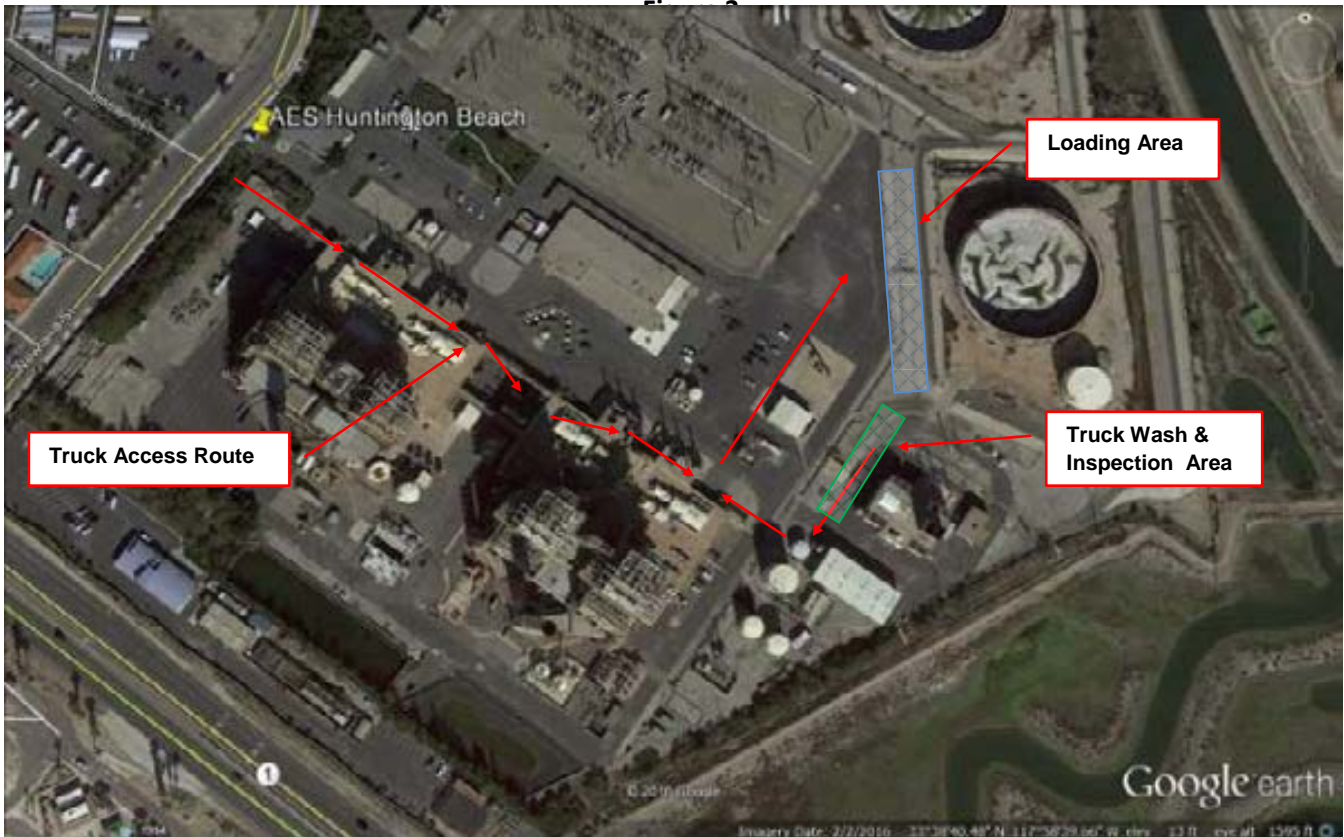
2. The drivers will be briefed on the minimum safety and PPE requirements to be followed while onsite, and what to do in the event of a plant emergency.

Truck Loading

1. Upon arrival at the staging area, driver will remain in vehicle until demolition project personnel direct the driver to the loading area (Figure 3).
2. Once in position at the loading area the driver will remain in the truck during the loading operation.
3. Trucks will be loaded to meet DOT weight restrictions (no overweight or over size loads).
4. The operator or escort will notify the driver when loading is complete and the driver will be directed to the Truck Wash & inspection area.

Truck/Tire Cleaning & Inspection

1. Upon arrival at the cleaning & inspection area (Figure 3) the driver and escort will inspect the truck and trailer. This inspection will include:
 - a. A 360 degree walk around of vehicle to ensure no material is overhanging trailer walls or too high above trailer walls.
 - b. An inspection of Back gate, locking mechanism, and safety chains.
 - c. During inspection, if any deficient item is found, driver/truck will not be permitted to leave until issue is resolved. Equipment Operator will hold on stand-by during inspection to help resolve any issues.
 - d. Inspection of tires for soil/mud that could be tracked out of the loading area. If necessary, GSD personnel will clean and remove any soil/mud that may be tracked out of the loading area.



Exiting Facility

1. After inspection has been completed, bill of lading/manifest will be issued to driver, and a copy of each will be maintained in the field office.
2. Driver will proceed back to the main gate for check out by GSD representative, and follow all traffic signs and speed limits while exiting plant.
3. All trucks leaving the facility will exit onto Newland south towards Pacific Coast Hwy.
4. Soil will be transported to Philadelphia Recycling Mine (PRM)
12000 East Philadelphia St, Ontario, Ca 91761



**21730 Newland St to 12000 E Philadelphia St,
Ontario, CA 91761**

Drive 56.0 miles, 1 h 45 min



Map data ©2017 Google 8 mi

21730 Newland St






Huntington Beach, CA 92646

Get on I-405 S/San Diego Fwy in Fountain Valley from Beach Blvd

- | | | |
|---|--|-----------------|
| ↑ | 1. Head southwest on Newland St toward Biscayne Dr | 16 min (6.7 mi) |
| ↘ | 2. Turn right onto CA-1 N | 0.1 mi |
| ↘ | 3. Turn right onto Beach Blvd | 0.5 mi |
| ↘ | 4. Turn right onto Warner Ave | 4.5 mi |
| ↗ | 5. Use the right 2 lanes to merge onto I-405 S/San Diego Fwy via the ramp to San Diego | 1.1 mi |
| | | 0.3 mi |

Continue on I-405 S/San Diego Fwy. Take CA-57 N and CA-60 E to S Milliken Ave in Ontario. Take exit 40 from CA-60 E

- | | | |
|---|---|------------------|
| ↗ | 6. Merge onto I-405 S/San Diego Fwy | 45 min (47.5 mi) |
| | | 5.5 mi |
| ↘ | 7. Use the right 2 lanes to take exit 9A to merge onto CA-55 N/State Rte 55 N | 4.5 mi |

-  8. Use the right 2 lanes to take exit 10B to merge onto I-5 N toward Santa Ana 4.2 mi
-  9. Use the right 2 lanes to take exit 107A for CA-57 N toward Pomona 0.5 mi
-  10. Continue onto CA-57 N 15.5 mi
- 11. Stay on CA-57 N 2.0 mi
-  12. Keep left at the fork to continue on CA-60 E, follow signs for Pomona/Riverside 15.0 mi
-  13. Take exit 40 for S Hamner Ave/Milliken Ave 0.3 mi

Follow S Milliken Ave to E Philadelphia St in Jurupa Valley

-  14. Use any lane to turn left onto S Milliken Ave 4 min (1.8 mi)
-  15. Turn right onto E Philadelphia St 0.8 mi
-  16. Continue straight to stay on E Philadelphia St 0.4 mi
- 0.5 mi

12000 E Philadelphia St

Ontario, CA 91761

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Appendix M

Filings/Permits



**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SVE Operation (R203) or Rule 1166 NOTIFICATION FORM**

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE); or prior to Excavating, Handling, Monitoring, Treating known or suspect Volatile Organic Compounds (VOC) contaminated soil per R1166. See instructions on the back of this form. For questions check our website at www.aqmd.gov or call the Hotline at (909) 396-2326.

FAX this form to 909-396-3342 and within 48 hours of the fax, MAIL the original form and fee to:

SCAQMD - 1166/203 Notifications, File # 55641, Los Angeles, CA 90074-5641

This form will be faxed back to you with a REFERENCE number if you provide a FAXBACK # here: 949-623-4711

AQMD USE ONLY		RECEIVED BY	POSTMARK	REFERENCE # 469862
COMPLETED BY		Matthew Mayry	Company	ERM-West
			Phone #	909-321-7095
Date	4/18/17	Check #	404	Amount \$57.98
Project #				
NOTIFICATION TYPE (check one only)	Original (Initial)	Revision (prior reference #)	Cancellation (prior reference #)	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PROJECT TYPE (check one only)	¹ Soil Vapor Extraction (SVE)	² R1166 Treating Contaminated Soil	² R1166 Excavation of VOC Soil/Tank	² R1166 Reporting > 50 ppm VOC Soil
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				² R1166 Reporting > 1000 ppm VOC Soil
				<input type="checkbox"/>
¹ SVE Permit issued to (name):		¹ SVE Permit Number:		
¹ SVE Distance to nearest sensitive receptor in feet (see your permit condition requirements):				
² R1166 Mitigation Plan issued to (name):		Compliance Plan issue to: ERM-West		² R1166 Plan Number:
				Compliance Plan No. 583960
² R1166 - Date & time of VOC > 50 or 1000 ppm exceedance:		Highest VOC reading in ppm:		
PROJECT DATES	START 4-19-17	E/D	6-2-17	WORK SHIFT day <input checked="" type="checkbox"/> swing <input type="checkbox"/> night <input type="checkbox"/>
SITE CONTRACTOR INFORMATION		AQMD ID #	CSLB License # 100784	Phone # 281-459-1500
Name GSD Trading USA Inc.		Address 7135 S. Lake Houston Pkwy		
City Houston, TX		Zip 77049	Site supv name & phone # Mike Huber / 281-770-5425	
SITE INFORMATION		Site Name AES	Site AQMD ID #	
Site Address 21730 Newland St		Cross Street		PCH
Site City Huntington Beach		Zip 92646	Site contact name & phone # Matthew Mayry 909-321-7095	
TANK INFORMATION	# OF TANKS	EACH	CAPACITY (gal)	MATERIAL STORED IN TANK
				ABOVE GROUND? (Y/N)
Example	3 tanks		10,000	Gasoline no
INFORMATION CERTIFICATION I certify that the above information is complete and accurate				
Company Name ERM-West		Print Name	Matthew Mayry	Signature <i>Matthew Mayry</i> 4/18/17
COMMENTS				



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT **SVE Operation (R203) or Rule 1166 NOTIFICATION FORM**

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE); or prior to Excavating, Handling, Monitoring, Treating known or suspect Volatile Organic Compounds (VOC) contaminated soil per R1166. See instructions on the back of this form. For questions check our website at www.aqmd.gov or call the Hotline at (909) 396-2326.

FAX this form to 909-396-3342 and within 48 hours of the fax, MAIL the original form and fee to:

SCAQMD - 1166/203 Notifications, File # 88641, Los Angeles, CA 90074-5641

This form will be faxed back to you with a REFERENCE number if you provide a FAXBACK # here: 949-623-4711

AQMD USE ONLY		RECEIVED BY		POSTMARK		REFERENCE # 470782							
COMPLETED BY		Matthew Mayry		Company		ERM-West		Phone #		909-321-7095			
Date		4-27-17		Check #		405		Amount		\$57.98		Project #	
NOTIFICATION TYPE (check one only)		Original (initial)		Revision (prior reference #)		Ref # 469862		Cancellation (prior reference #)					
PROJECT TYPE (check one only)		¹ Soil Vapor Extraction (SVE)		² R1166 Treating Contaminated Soil		² R1166 Excavation of VOC Soil/Tank		² R1166 Reporting > 50 ppm VOC Soil		² R1166 Reporting > 1000 ppm VOC Soil			
¹ SVE Permit issued to (name):				¹ SVE Permit Number:									
¹ SVE Distance to nearest sensitive receptor in feet (see your permit condition requirements):													
² R1166 Mitigation Plan issued to (name):		Compliance Plan issue to: ERM-West		² R1166 Plan Number:		Compliance Plan No. 583990							
² R1166 - Date & time of VOC > 50 or 1000 ppm exceedance:		4-27-17 / 0830 hrs		Highest VOC reading in ppm:		119.2 ppm							
PROJECT DATES		START 4-19-17		END 6-2-17		WORK SHIFT		day <input checked="" type="checkbox"/>		evening <input type="checkbox"/>		night <input type="checkbox"/>	
SITE CONTRACTOR INFORMATION		AQMD ID #		CSLB License #		100784		Phone #		281-459-1500			
Name		GSD Trading USA Inc.		Address		7135 S. Lake Houston Pkwy							
City		Houston, TX		Zip		77049		Site supv name & phone #		Mike Huber / 281-770-5425			
SITE INFORMATION		Site Name		AES		Site AQMD ID #							
Site Address		21730 Newland St		Cross Street		PCH							
Site City		Huntington Beach		Zip		92646		Site contact name & phone #		Matthew Mayry 714-914-1435			
TANK INFORMATION		# OF TANKS		EACH		CAPACITY (gal)		MATERIAL STORED IN TANK		ABOVE GROUND? (Y/N)			
Example		3 tanks		0		10,000		Gasoline		no			
INFORMATION CERTIFICATION		I certify that the above information is complete and accurate											
Company Name		ERM-West		Print Name		Matthew Mayry		Signature		Matthew Mayry 4-27-17			
COMMENTS		First readings above 50 ppm were detected 4-26-17 after lunch. This morning we had the highest reading so far. We are following procedures to wet down, place on plastic, and cover stockpiles with plastic.											

Appendix N
Complaints, Notices of Violations,
Warnings and Citations

**HBEP Project
Owner's Scope Hotline Call Log
April 2017**

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*
4/17/2017	11:20 AM	Not provided	Not provided	714-374-1464	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	N/A	N/A	None	N/A
4/17/2017	11:30 AM	Mike	Not provided	714-398-4542	Not provided	Not provided	Not provided	Concerned about trucking traffic from the site and mobile estates	No	No	Closed	4/17/2017	5:19 PM	Explained the trucking operations including traffic control and approval from City of Huntington Beach and California Energy Commission. Notified caller that the traffic level from Project site would be complete within a week.	JW

*Responders listed by initials:

JT: Jennifer Trotter

JW: Josh Wynia

**HBEP Project
Owner's Scope Hotline Call Log
April 2017**

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*
4/24/2017	8:28 AM	Bill	Quisenberry	909-827-2571	15732 Slover Avenue	Fontana, CA 92337	bquiz21@gmail.com	<p>Caller is a Compliance Officer for the Teamsters. Requested a project overview.</p> <p>Inquired to existing Project Labor agreement and funding source (public or private). Request an email response.</p>	No	No	Active	4/24/2017	9:40 AM	<p>Provided caller with an overview of the project. Notified caller that a Project Labor Agreement (PLA) currently exists for construction of project and provided an overview of PLA.</p>	JT/JW

*Responders listed by initials:

JT: Jennifer Trotter

JW: Josh Wynia