

DOCKETED

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Project Title:	Huntington Beach Energy Project - Compliance
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Document Title:	COM-6, Monthly Compliance Report for August 2016
Description:	Huntington Beach Energy Project (HBEP) Monthly Compliance Report (MCR) for August 2016
Filer:	Eric Veerkamp
Organization:	AES Huntington Beach Energy, LLC
Submitter Role:	Applicant
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September 15, 2016

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

Subject: Huntington Beach Energy Project
 Docket No. 12-AFC-02C
 Monthly Compliance Report – 004 August 2016, in Compliance with COM-6

Dear Mr. Veerkamp:

Enclosed please find the Monthly Compliance Report – 004 for the Huntington Beach Energy Project for the month of August 2016, in compliance with COM-6. If you have any questions, please feel free to contact me at (714) 374-1420.

Sincerely,

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

Joshua Wynia
Project Director

Enclosure

cc: Project File

REPORT

Huntington Beach Energy Project Monthly Compliance Report – 004

Report Period: August 2016

Prepared by:

AES Huntington Beach Energy, LLC

Submitted to:

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

September 15, 2016



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L	Filings/Permits
M	Complaints, Notices of Violations, Warnings and Citations

List of Active Conditions August 2016

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

Acronyms and Abbreviations

AQCMM	Air Quality Construction Mitigation Manager
AST	Aboveground Storage Tank
BMP	Best Management Practice
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
CARB	California Air Resources Board
CBO	Chief Building Official
CEC	California Energy Commission
COC	Condition of Certification
CRS	Cultural Resources Specialist
CPMMP	Construction Particulate Matter Mitigation Plan
CRMMP	Cultural Resources Mitigation and Monitoring Plan
CPM	Compliance Project Manager
FTP	File Transfer Protocol
HBEP	Huntington Beach Energy Project
LNTF	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
WAR	W.A. Rasic
WEAP	Worker Environmental Awareness Program

1.0 Current Project Construction Status

W.A. Rasic (WAR) completed the fuel oil pipeline work scope of removing residual fuel oil from the system and cold cutting and capping the line in preparation for demolition. During this process approximately 6,500 gallons of fuel oil were removed and 56 cold cuts were completed during a 4-week period starting August 1, 2016, and ending August 26, 2016. The two fuel oil lines feeding the large Aboveground Storage Tank (AST) were found to be thick with fuel oil material within the piping that was not able to be pumped out. A secondary work scope is being developed with WAR to remove the remaining material prior to demolition of the fuel oil line.

Energy Commission issued Limited Notice to Proceed (LNTP) for demolition activities on August 10, 2016, that include the following:

- Demolition of the remaining portions of the decommissioned Huntington Beach Generating Station Unit 5 Peaker building, including foundations, building, and small auxiliary mechanical and electrical equipment associated with the Unit 5 Peaker;
- Removal of the east fuel oil tank and the jet propulsion fuel (JP4) storage tank;
- Removal of the fuel storage tanks per the requirements of the Department of Toxic Substances Control (DTSC) Removal Action; and
- Demolition of the containment berms surrounding the tank area and rough grading to a flat surface. Excess fill material will be stockpiled on site and used at a later time during construction of portions of the Huntington Beach Energy Project (HBEP).

Demolition activities began on August 15, 2016, with the Kick-off meeting that included the demolition contractor GSD and attendees from the CEC, NV5, CH2M, Butler Engineering, and AES.

GSD mobilization at the site began August 16, 2016, and included delivery of temporary equipment, tool trailer setup, establishing demolition area boundaries, and implementation of Storm Water Pollution Prevention Plan (SWPPP) Best Management Practices (BMPs).

Demolition began on the east fuel oil tank (large AST) on August 29, 2016. A large opening was created on the south side of the tank that allowed the excavator to enter the tank and to begin demolition of the floating roof and to segregate the foam roofing material from the steel.

The updated construction schedule is included in Appendix A of this report. In addition, 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.

- WAR installed temporary valves and removed residual fuel oil from 1,339 linear feet of two 10-inch insulated fuel oil pipelines and 950 linear feet of 12-inch and 20-inch insulated fuel oil pipelines. Approximately 6,500 gallons of material were recovered and recycled from the fuel oil lines.
- WAR systematically cold cut and removed 3-foot sections of piping at various locations along the fuel oil pipelines to confirm that fuel oil has been removed from the line and to support the future demolition of the pipeline.
- Construction contractor, Argus Contracting, LLP, removed Asbestos Containing Material from two sections of 14-inch surplus piping.

- HVAC contractor, Western Allied Mechanical, Inc., was contracted to recover Freon for the air conditioners located in the Peaker building.
- GSD mobilized to the site, which included delivery of tool trailers, temporary work area setup, and receipt of rental equipment.
- Applicable storm water BMPs were installed as outlined within the Construction SWPPP.
- Utility isolation and verification was completed on the large AST including the 66-KV overhead lines.
- Demolition began on the large AST. A section of the tank wall was removed for access to the floating roof. Demolition of the floating roof was completed. Processing demolition debris, including segregation of foam roofing material from the scrape steel, was completed.
- Ninyo and Moore completed an asbestos survey of the roofing materials and coatings that were not accessible previously. All samples returned negative for asbestos.

3.0 Compliance Matrix

3.1 CEC Documentation

The updated CEC Compliance Matrix is included in Appendix C.

3.2 CBO Documentation

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

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

Table 3-1. Documentation Uploaded to CBO FTP Site

COC	Description	Date Submitted
STRUC-1	AES-HBEP-12-AFC-02-STRUC 1 – Construction Trailer Design - Structural	8/12/16
STRUC-1	AES-HBEP-12-AFC-02-STRUC 1 – Construction Trailer Design – Accessibility	8/27/16
ELEC	AES-HBEP-12-AFC-02-ELEC-1- Construction Trailer Design- Temp Power	8/27/16

4.0 Required Documents Submitted with this Report

4.1 Air Quality

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

4.1.1 AQ-SC3 Construction Fugitive Dust Control

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

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

During construction in August 2016, fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing and demolition activities. Signs have been posted at the entrance to the construction site limiting vehicle speeds to 10 miles per hour. In addition, existing speed limit signs throughout the facility limit vehicle speeds to 12 miles per hour on paved roads. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day. The daily field checklists for fugitive dust are provided in Appendix E and summarized in Table 4-1 below. No air quality-related complaints were received during this reporting period.

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

Implementation Measure	Out of Compliance Trigger	In Compliance Trigger ^a	Results During Compliance Period
All Main Access Roads Onsite Are Paved or Stabilized	No – Dust Plumes Originating from Access Roads	Yes – No Dust Plumes Originating from Access Roads	Yes – In Compliance
All Unpaved Roads Onsite Are Stabilized	No – Dust Plumes Originating from Unpaved Roads	Yes – No Dust Plumes Originating from Unpaved Roads	Yes – In Compliance
All Disturbed Areas Are Watered As Necessary During Grading and Stabilized After Active Construction	No – Dust Plumes Originating from Disturbed Areas	Yes – No Dust Plumes Originating from Disturbed Areas	Yes – In Compliance
Maximum Speed Limit of 10 Miles Per Hour on Unpaved Surfaces	No – Vehicles Exceeding 10 Miles Per Hour on Unpaved Areas	Yes – Vehicles Travel 10 Miles Per Hour or Less on Unpaved Areas	Yes – In Compliance

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

Implementation Measure	Out of Compliance Trigger	In Compliance Trigger ^a	Results During Compliance Period
Visible Speed Limit Signs Posted at Construction Site Entrances	No – No Signs Posted	Yes – Signs Posted	Yes – In Compliance. Ten mph speed limit is posted.
Wheel Inspection or Wash Stations in Place	No - Track-Out into Roadways Not Managed	Yes - No Track-Out Observed	Yes – In Compliance. Wheels inspected. Wash stations to be installed when truck traffic increases.
At Least 20-Foot-Long Gravel Ramps at Wheel Inspection/ Wash Stations	No – 20-Foot-Long Gravel Ramps Not Present	Yes – 20-Foot-Long Gravel Ramps Present	NA – Gravel ramps to be installed when truck traffic increases.
All Unpaved Exits Have Are Graveled or Treated	No – Dirt Entering Roadways	Yes - No Dirt Entering Roadways	Yes – In Compliance. Currently, there are no unpaved exits from construction site
Entrance Limited to Treated Roadways	No – Entrance Not Limited	Yes - Entrance Limited	Yes – In Compliance
SWPPP Control Measures Implemented	No – Contaminated Storm Water Runoff Found in Roadways	Yes – No Contaminated Storm Water Runoff found in Roadways	Yes – In Compliance. BMPs are installed.
Paved Area of Site Swept Daily or As Needed	No - Dirt / Debris Accumulated	Yes – Site Clean	Yes – In Compliance
At Least 500 Feet of Any Paved Roadway Exiting Site Swept As Needed	No – Visible Dirt within 500 Feet of Roadway Entrance	Yes - No Dirt Observed	Yes – In Compliance
Soil Storage Piles and Disturbed Areas Inactive for More Than 10 Days Are Covered or Treated	No – Dust Plumes Originating from Storage Piles and Disturbed Areas	Yes - No Dust Plumes from Storage Piles and Disturbed Areas	Yes – In Compliance
Bulk Material Transport Offsite is Covered or Treated and Loaded With at Least Two Feet of Freeboard	No – Visible Emissions from Bulk Material Transport	Yes – No Visible Emissions from Bulk Material Transport	Yes – In Compliance
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 August 2016. Therefore, no additional dust control measures listed in AQ-SC4 were necessary. No air quality-related complaints were received during this reporting period.

4.1.3 AQ-SC5 Diesel-Fueled Engine Control

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

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

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

- Volvo EC480EL Excavator
- Takeuchi TL10CR Skid Steer Loader
- Skyjack SJ86T Boom
- JLG Skytrak Forklift
- Case 590SN Backhoe

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

4.1.4 AQ-SC6 Construction Particulate Matter Mitigation Plan

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

The CPMMP was effective following the start of demolition. Actual field work did not start until August 29, 2016, with the large AST demolition triggering the start date for compliance for AQ-SC6. The sweeping program will be started prior to September 29, 2016 and will be reported monthly going forward.

4.2 Worker Environmental Awareness Program Training

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.

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-two workers received training during this reporting period. A total of 103 workers have received WEAP training for the project.

4.3 Biological Resources

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

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

4.4 Cultural Resources

4.4.1 CUL-5 Cultural Resources Worker Environmental Awareness Program

As required by CUL-5 Cultural Resources Worker Environmental Awareness Program, 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.

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 CRS and shall attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.

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

4.5 Paleontological Resources

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

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

4.6 Worker Safety

4.6.1 WORKER SAFETY-3 Construction Safety Supervisor

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

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

4.6.1.1 Safety Training

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

4.6.1.2 Safety Management Actions and Safety Incidents

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

AES performs daily safety observations, which are included in Appendix J. No safety management actions or safety incidents were reported during this monthly reporting period.

4.6.1.3 Continuing or Unresolved Situations

- None to report

4.6.1.4 First Aid or Recordable Injuries

- None to report

4.6.2 WORKER SAFETY-5 Automatic External Defibrillator

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

5.0 Compliance Requirements Completed During the Reporting Period

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

Table 5-1. Compliance Submittals During the Reporting Period

COC	Description	Date Submitted	CEC Approval Date	Status
AQ-SC1	Air Quality Construction Mitigation Manager	8/17/16	8/17/16	CEC Approved

6.0 Compliance Submittals Pending Approval

Table 6-1 contains a summary of compliance submittals that exceed the review time stated in the COCs.

Table 6-1. Compliance Submittals Pending Approval

COC	Description	Date Submitted	CEC Approval Date	Status
GEO-2	Compliance with City of Huntington Beach Municipal Code 17.04.085	5/16/16	8/29/16	CEC Approved

7.0 Changes to Conditions of Certification

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

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

Due to the Limited Notice to Proceed (LNTP) activities approved by the CEC, AES proposed an amended VIS-3 submittal to specifically address the activities being performed under LNTP activities. The LNTP VIS-3 submittal was approved by the CEC on May 3, 2016, with the understanding that a comprehensive VIS-3 submittal would be submitted during 4th quarter 2016.

7.2 WORKER SAFETY-1 Project Construction Safety and Health Program

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

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

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

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

8.0 Filings/ Permits Issued by Governmental Agencies

During this reporting period the following documents were submitted or issued by other governmental agencies and are included in Appendix L.

- Rule 1403 Form Notification of Demolition or Asbestos Removal was submitted in compliance with WASTE-2 to the SCAQMD on August 5, 2016, to provide notice of demolition of Unit 5 Peaker and Gas Compressor Building, and East Fuel Oil and Distillate Oil Tanks. On August 17, 2016 a revised notice was submitted.
- Construction SWPPP Permit was submitted to the State Water Resources Control Board on August 4, 2016.
- Limited Notice to Proceed was authorized by the CEC on August 10, 2016.
- California Occupational Safety and Health Administration Permit was received on August 22, 2016.

9.0 Complaints, Notices of Violations, Warnings and Citations

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

As required by NOISE-1 a public notification process was established for the HBEP LNTP. The hotline was activated on June 1, 2016, and since has received 18 calls with no complaints received. The hotline received 3 calls in the month of August 2016; however, the callers did not leave a message or contact information. Call log is included in Appendix M.

Appendix A
Construction Schedule

AES HBEP LNTS SCHEDULE (CLH) 8-24-16		AES Owner's Schedule					24-Aug-16 09:29											
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
AES HBEP LNTS SCHEDULE (CLH) 8-24-16						19-Mar-												
A1000	Project Start	0	01-Sep-15			Project Start; 01-Sep-15 A												
A1100	Review Existing Agreements	10	19-Jan-16	20-Apr-16 A		Review Existing Agreements												
A1150	Prepare Execution Plan Draft	5	11-Apr-16	21-Apr-16 A		Prepare Execution Plan Draft												
A1200	Project Execution Plan Final	20	21-Apr-16	30-Aug-16	119	Project Execution Plan Final												
Development of Stakeholder Management Plan						24-Aug-16, Development of Stakeholder Manage												
Identification of Stakeholders						24-Aug-16, Identification of Stakeholders												
Internal Stakeholders						18-Jan-16 A, Internal Stakeholders												
A1210	AES Operations	1	01-Sep-15	01-Sep-15 A		AES Operations												
A1220	AES E&C	1	18-Jan-16	18-Jan-16 A		AES E&C												
A1230	Kiewit	1	18-Jan-16	18-Jan-16 A		Kiewit												
A1240	AGIC	1	18-Jan-16	18-Jan-16 A		AGIC												
A1250	US SBU Financial	1	18-Jan-16	18-Jan-16 A		US SBU Financial												
A1260	US SBU Legal	1	18-Jan-16	18-Jan-16 A		US SBU Legal												
A1270	US SBU Safety	1	18-Jan-16	18-Jan-16 A		US SBU Safety												
A1280	US SBU Environmental	1	18-Jan-16	18-Jan-16 A		US SBU Environmental												
A1290	Supply Chain	1	18-Jan-16	18-Jan-16 A		Supply Chain												
A1300	US SBU Risk Management	1	18-Jan-16	18-Jan-16 A		US SBU Risk Management												
A1310	AES West BD	1	18-Jan-16	18-Jan-16 A		AES West BD												
External Stakeholder						24-Aug-16, External Stakeholder												
Wetlands Conservancy																		
City of HB-1																		
Southeast Area Neighborhood Committee																		
CEC/CBO																		
SCE						24-Aug-16, SCE												
A1320	Current Contract	1	24-Aug-16	24-Aug-16	233	Current Contract												
A1330	Power Purchase Agreement	1	24-Aug-16	24-Aug-16	233	Power Purchase Agreement												
A1340	Switchyard	1	24-Aug-16	24-Aug-16	233	Switchyard												
A1350	Remediation	1	24-Aug-16	24-Aug-16	233	Remediation												
A1360	Real Estate	1	24-Aug-16	24-Aug-16	233	Real Estate												
SC Gas																		
SC Gas-1																		
Plains future owner																		
SCAQMD																		

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

AES HBEP LNTP SCHEDULE (CLH) 8-24-16		AES Owner's Schedule					24-Aug-16 09:29											
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	<ul style="list-style-type: none"> Coastal Commission HB Fire Orange County Caltrans Interveners: Locals, CEC personnel Chamber of Commerce Huntington by the Sea Unions Local elected officials DTSC Poseidon Mills Land & Water Co (Newland Parking Lot) ASCON (landfill site) 																	
	Prepare and Submit LNTP COC Submittals																	
	A1370	Submit AQ-SC1 to CEC	7	18-Sep-15	01-Apr-16 A													
	A1375	Approve AQ-SC1 to CEC	5	01-Apr-16	05-Aug-16 A													
	A1380	Submit AQ-SC2 to CEC	1	08-Oct-15	08-Oct-15 A													
	A1385	Approve AQ-SC2 to CEC	5	09-Oct-15	15-Mar-16 A													
	A1390	Submit AQ-SC6 to CEC	1	08-Oct-15	08-Oct-15 A													
	A1395	Approve AQ-SC6 to CEC	5	09-Oct-15	15-Mar-16 A													
	A1400	Submit BIO-1 to CEC	7	18-Sep-15	18-Sep-15 A													
	A1405	Approve BIO-1 to CEC	5	19-Sep-15	28-Sep-15 A													
	A1410	Submit BIO-3 to CEC	7	18-Sep-15	18-Sep-15 A													
	A1415	Approve BIO-3 to CEC	5	19-Sep-15	28-Sep-15 A													
	A1420	Submit BIO-5 to CEC	45	11-Jan-16	11-Jan-16 A													
	A1425	Approve BIO-5 to CEC	5	12-Jan-16	20-Apr-16 A													
	A1430	Submit BIO-6 to CEC	45	11-Jan-16	11-Jan-16 A													
	A1435	Approve BIO-6 to CEC	5	12-Jan-16	20-Apr-16 A													
	A1440	Submit CUL-1 to CEC	1	18-Sep-15	22-Apr-16 A													
	A1445	Approve CUL-1 to CEC	49	25-Apr-16	30-Jun-16 A													
	A1450	Submit CUL-2 to CEC	1	17-Sep-15	17-Sep-15 A													
	A1455	Approve CUL-2 to CEC	5	18-Sep-15	30-Jun-16 A													
	A1460	Submit CUL-3 to CEC	30	04-Mar-16	04-Mar-16 A													
	A1465	Approve CUL-3 to CEC	97	10-Mar-16	03-Aug-16 A													
	A1470	Submit CUL-5 to CEC	1	02-Oct-15	03-Oct-15 A													

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



AES HBEP LNTP SCHEDULE (CLH) 8-24-16		AES Owner's Schedule				24-Aug-16 09:29													
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018					
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
A1645	Approve WORKER SAFETY-5 to CEC	5	03-Oct-15	27-Oct-15 A															
A1650	Submit GEN-2 to CBO Master List of LNTP CBO	30	24-Apr-16	24-Apr-16 A															
A1655	Approve GEN-2 to CBO Master List of LNTP CBO	5	05-Apr-16	17-May-16															
Utility Construction Risk Management																			
Above Grade																			
A1660	Develop Above Grade Utility Termination Identific	20	20-Apr-16	12-Jul-16 A															
A1670	Access Interior Tanks and Investigate (Cleaning)	38	13-Jul-16 A	05-Sep-16	114														
A1680	Clean/Cut/Cap Existing Utility Clearance Tanks -	42	30-Jun-16	26-Aug-16	111														
A1690	Clean/Cut/Cap Existing Utility Clearance Peak Bl	48	30-Jun-16	02-Sep-16	111														
Underground																			
A1700	Develop Underground Utility Termination Identific	160	01-Feb-16	09-Sep-16	110														
A1710	Clean/Cut/Cap Existing Utility Clearance All - UG	20	12-Aug-16	09-Sep-16	110														
Environmental Assessment																			
Asbestos and Lead Paint Surveys																			
A1720	Site Field Work	7	14-Sep-15	22-Sep-15 A															
A1730	Development and Review of Survey Document	31	19-Oct-15	30-Nov-15															
Soil Sampling & HRA																			
A1740	SCE Approval of Sampling Plan on Triangle Land	5	04-Jan-16	19-Jan-16 A															
A1750	Initial Soil Sampling Work	60	11-Jan-16	12-Feb-16 A															
A1755	Return for Additional Soil Sample	5	09-May-16	13-May-16															
A1760	*DRAFT* Site Characterization Field Work and R	40	12-Jan-16	22-Feb-16 A															
A1765	*FINAL* Site Characterization Field Work and R	31	09-May-16	13-May-16															
A1770	No Remediation required	90	09-May-16	13-May-16															
A1780	Submit WASTE-1 to CEC	45	28-Jun-16	28-Jun-16 A															
Geotechnical Analysis																			
A1790	Meet with Kiewit and confirm schedule	1	27-Jan-16	27-Jan-16 A															
A1800	Complete geotechnical work plan	40	28-Jan-16	23-Mar-16 A															
A1805	Geotech Work Plan to CBO (FOR INFORMATI	1	25-Mar-16	25-Mar-16 A															
A1810	Conduct Site Survey / Mobilize	3	21-Mar-16	23-Mar-16 A															
A1820	Geotech Field Work	15	23-Mar-16	01-Apr-16 A															
A1830	Complete geotech report	30	04-Apr-16	22-Jun-16 A															
A1840	No Contamination Found / HRA not Required	7	10-Jun-16	10-Jun-16 A															
NPDES Requirements																			

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



AES HBEP LNTP SCHEDULE (CLH) 8-24-16		AES Owner's Schedule				24-Aug-16 09:29																	
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018									
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
A1860	Development of Construction SWPPP	25	07-Apr-16	28-Apr-16 A																			
A1870	SOIL&WATER- 1: SWPPP to CBO (FOR REVIEW)	11	29-Apr-16	07-Jun-16 A																			
A1880	Submit SOIL&WATER-1 to CEC	20	29-Apr-16	06-Jun-16 A																			
A1885	Approve Soil & Water and SWPPP	15	07-Jun-16	15-Jul-16 A																			
Temporary Utilities - Trailers						30-Sep-16, Temporary Utilities - Trailers																	
A1890	ID Locations	15	20-Apr-16	10-May-16																			
Service Agreements						30-Sep-16, Service Agreements																	
A1900	SCE 220V/480V Supply	120	11-May-16	30-Sep-16	110																		
A1910	Internet	90	11-May-16	30-Aug-16	133																		
A1920	Phones	90	11-May-16	30-Aug-16	133																		
A1930	Water	90	11-May-16	06-Sep-16	128																		
A1940	Sewage	20	11-May-16	08-Jun-16 A																			
Asbestos and Lead Paint Abatement Admin Work						14-Apr-16 A, Asbestos and Lead Paint Abatement Admin Work																	
A1950	Develop Abatement Technical Specs	5	01-Feb-16	05-Feb-16 A																			
A1960	Lead and Asbestos Abatement Plan to CBO (FOR INFORMATION)	2	08-Feb-16	09-Feb-16 A																			
A1970	Bid and Award Asbestos and LP Abatement Contractor	8	14-Mar-16	23-Mar-16 A																			
A1980	Submit WASTE-2 form to AQMD and CEC	10	31-Mar-16	14-Apr-16 A																			
A1990	Complete SCAQMD Notification form - Rule 1403	10	31-Mar-16	14-Apr-16 A																			
Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances						21-Sep-16, Clean and Cap AES and Plains Abandoned Oil Lines and Appurtenances																	
A2000	Develop Specification for Work	10	16-Nov-15	06-May-16																			
A2010	Bid and Award Contract - Procurement	10	29-Apr-16	27-Jun-16 A																			
A2020	Pig and Cap Oil Lines	27	25-Jul-16 A	31-Aug-16	117																		
A2030	Development of Summary Report	5	15-Sep-16	21-Sep-16	117																		
Field Lead and Asbestos Abatement Work						05-Sep-16, Field Lead and Asbestos Abatement Work																	
Peaker Building, Fuel Tanks						08-Jul-16 A, Peaker Building, Fuel Tanks																	
A2040	Field Mobilization	3	02-May-16	11-May-16																			
A2050	Field Abatement Work	30	12-May-16	08-Jul-16 A																			
AES and Plain Abandoned Oil Lines and Appurtenances						05-Sep-16, AES and Plain Abandoned Oil Lines and Appurtenances																	
A2060	Field Abatement Work	27	25-Jul-16 A	31-Aug-16	225																		
A2070	Notify AQMD/CEC of Abatement Completion	3	01-Sep-16	05-Sep-16	225																		
LNTP (Prep & Execution)						19-Mar-17, LNTP (Prep & Execution)																	
A2080	CEC Issuance of LNTP	0	10-Aug-16																				
A2090	LNTP Scope Completion	0		17-Jul-17*	0																		
Office Trailers						30-Aug-16, Office Trailers																	

█ Actual Level of Effort █ Remaining Work
█ Actual Work █ Critical Remaining







AES HBEP LNTP SCHEDULE (CLH) 8-24-16		AES Owner's Schedule					24-Aug-16 09:29																
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018									
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3						
A2100	CBO Trailer Established	5	24-Aug-16	30-Aug-16	133																		
A2110	AES Trailer	3	24-Aug-16*	26-Aug-16	120																		
Construction Fencing																							
A2120	Submit VIS-3 to CEC (LNTP)	60	21-Mar-16	03-May-16																			
A2150	Install 8' Fence Screening Material	5	03-May-16	13-May-16																			
Demolition																							
Demolition - Administrative Work																							
A2160	Complete Demolition Specification	30	20-Apr-16	06-Jun-16 A																			
A2170	Demolition Specification to CBO (FOR REVIEW AND APPROVAL)	20	01-Jun-16	06-Jul-16 A																			
A2180	Procure Demo Contractor	20	01-Jul-16 A	18-Jul-16 A																			
A2190	Demo Contractor Develop/Submit Field Work Plan	15	21-Jul-16 A	03-Aug-16 A																			
A2200	Full Demolition Pkg to CBO (FOR REVIEW AND APPROVAL)	20	27-Jul-16 A	27-Jul-16 A																			
Demo AES and Plains Abandoned Oil Lines																							
A2210	Coordination with Wetlands Stakeholders	3	15-Aug-16	24-Aug-16 A																			
A2220	Moblize Demo Crew & Equipment	17	15-Aug-16	12-Sep-16	110																		
A2230	Demo Abandoned Oil Lines	30	03-Oct-16	11-Nov-16	110																		
A2240	Demo Peaker Building, Peaker Aux Building & Fuel Tank	40	14-Nov-16	06-Jan-17	110																		
A2250	Demo Peaker 66kV Line	20	12-Sep-16	10-Oct-16	131																		
A2260	Clean FO and Peaker Fuel Tank Interior	15	12-Sep-16	03-Oct-16	110																		
A2280	Demo Peaker Fuel and FO Tank For Sampling	5	12-Sep-16	19-Sep-16	110																		
A2290	Demo Peaker Fuel and FO Tank	20	10-Oct-16	07-Nov-16	131																		
A2300	Maintenance & Storage Building Relocation	5	07-Nov-16	14-Nov-16	176																		
A2310	Verification of Reused Assets and Interconnects	10	24-Aug-16	06-Sep-16	158																		
A2440	Secure Site (i.e exterior fencing, etc.)	30	26-Sep-16	07-Nov-16	131																		
A2480	Demo Berms	40	07-Nov-16	02-Jan-17	131																		
Soil Remediation Above Ground Storage Tank																							
A2320	Develop Work Plan for DTSC	30	19-Sep-16	31-Oct-16	110																		
A2330	Contract with Soil Remediation	20	31-Oct-16	28-Nov-16	110																		
A2340	Site Remediation	30	28-Nov-16	09-Jan-17	110																		
A2350	Prepare / Submit Remedial Conformation Report	15	09-Jan-17	30-Jan-17	110																		
A2360	DTSC review and approval	10	30-Jan-17	13-Feb-17	110																		
A2370	Remedial Action Plan/HHRA to CBO (FOR INFO)	1	13-Feb-17	14-Feb-17	110																		
Excavate Containment Berms																							
A2380	Develop Civil Grading Plan	20	05-Sep-16	30-Sep-16	151																		

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



AES HBEP LNTP SCHEDULE (CLH) 8-24-16		AES Owner's Schedule					24-Aug-16 09:29											
Activity ID	Activity Name	OD	Start	Finish	TF	2016				2017				2018				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
A2390	Civil Grading plan to CBO (FOR REVIEW AND C	30	03-Oct-16	11-Nov-16	151													
A2392	Develop Specification for Work	10	31-Aug-16	13-Sep-16	189													
A2393	Bid and Award Contract - Procurement	5	14-Sep-16	20-Sep-16	189													
A2394	VIS-3: Construction Fencing to CBO 12' Fence (0	21-Sep-16		189													
A2400	Mobilize to site and perform Civil Grading	25	09-Jan-17	13-Feb-17	111													
Newland Parking																		
A2560	Traffic Analysis/Assessment	169	24-Aug-16	17-Apr-17	0													
A2570	Design Entrance	60	18-Apr-17	10-Jul-17	0													
A2580	Submit / Approve City of HB permit	60	11-Jul-17	02-Oct-17	0													
A2590	AES Obtain Lease of Newland	0		02-Oct-17	0													
A2600	Construct	120	03-Oct-17	19-Mar-18	0													
Interconnect Agreements																		
A2710	Edison Electrical Studies	5	24-Aug-16	30-Aug-16	214													
A2720	AES Review SCE Electric Study	5	31-Aug-16	06-Sep-16	214													
A2730	AES Address SCE Comments and/or Corrections	5	07-Sep-16	13-Sep-16	214													
A2740	Retirement Schedule Units 1 thru 4 (HBEP & Re	5	14-Sep-16	20-Sep-16	214													
Outage Work																		
A2610	Operational Interfaces	5	02-Jan-17	09-Jan-17	131													
A2620	Security Segregation Work for Kiewit	5	09-Jan-17	16-Jan-17	131													
Land Purchase/Leasing/ROW																		
A2630	City of Huntington Beach Land Swap Tank Area	5	24-Aug-16	30-Aug-16	229													
Land Purchase of SCE (Golden Triangle)																		
A2640	Negotiate Purchase Agreement	5	24-Aug-16	30-Aug-16	219													
A2650	Request Funding	5	31-Aug-16	06-Sep-16	219													
A2660	Finalize Land Purchase	5	07-Sep-16	13-Sep-16	219													
Obtain SCE + Plains Farm Easements																		
A2670	Review Parcel Maps	5	24-Aug-16	30-Aug-16	123													
A2680	Review Easement Agreement	5	31-Aug-16	06-Sep-16	123													
A2690	Negotiate Easement Lease	5	07-Sep-16	13-Sep-16	123													
Lease Plains Tank Farm																		
A2700	Negotiate Lease Agreement	5	24-Aug-16	30-Aug-16	229													
Visual Wall (after demo)																		
A2780	Visual Wall Concept Design	5	06-Apr-15	29-Apr-16 A														
A2790	Review Kiewit Proposal for Visual Wall	5	24-Aug-16	30-Aug-16	224													

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



Appendix B

Key Events

Key Event List

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

EVENT DESCRIPTION	DATE
Certification Date	Oct 29, 2014
Petition to Amend Submitted	Sept, 17 2015
POWER PLANT SITE ACTIVITES	
Asbestos and Lead Surveys	Sept 22, 2015
Phase I - Soil Sampling - HRA	Feb 12, 2016
Site Survey and LIDAR Scan	Mar 23, 2016
GeoTech Field Work	April 1, 2016
AQMD Notification for Abatement	April 12, 2016
Phase 2 - Soil Sampling - HRA	May 10, 2016
Lead and asbestos Abetment	May 11, 2016
Vis-3 Phase 1 - Fence screening material	May 11, 2016
Demolitions Specification	Jun 6, 2016
LNTP Owners scope	Aug 10, 2016
Clean and Cap Fuel Oil Lines	Jul 25, 2016
Office Trailers (CBO and AES)	Sept 2, 2016
Mobilizations for Demo	Aug 15, 2016
Demo Fuel Oil Tank	Aug 29, 2016
Demo Oil Lines and 66KV	Oct 3, 2016
Demo Fuel oil Tank Final	Oct 16, 2016
Demo Peaker Building	Nov 14, 2016
Site Remediation (If required)	Mar 10, 2017
Removal of Berms	Apr 21, 2017
Issue of NTP for Construction	June 1, 2017

Appendix C
CEC Compliance Matrix

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

Color Code Key
Not submitted to CEC.
Submitted to CEC; pending approval.
HBEP response to CEC questions pending.
CEC approved.

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

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

Appendix D
CBO Documentation



Transmittal Report

Transmittal Number: CBO-001

Date: 8/12/2016

Project: Huntington Beach Energy Project – Owner’s Scope

Package: STRUC-1 Rev 0

Subject: Construction Trailer Design - Structural

Due Date: 8/12/2016

Comments: Documents submitted to CBO for review

Deliverable #	Title	Revision	Issue Date
STRUC-1.1	Construction Trailer Design (structural)		8/12/2016



Transmittal Report

Transmittal Number: CBO-002

Date: 8/27/2016

Project: Huntington Beach Energy Project – Owner’s Scope

Package: STRUC-1 Rev 0

Subject: Construction Trailer Design - Structural

Due Date: 8/27/2016

Comments: Documents submitted to CBO for review

Deliverable #	Title	Revision	Issue Date
STRUC-1.2	Construction Trailer Design (accessibility)		8/27/2016



Transmittal Report

Transmittal Number: CBO-003

Date: 8/27/2016

Project: Huntington Beach Energy Project – Owner’s Scope

Package: ELEC-1 Rev 0

Subject: Construction Trailer Design - Temp Power

Due Date: 8/27/2016

Comments: Documents submitted to CBO for review

Deliverable #	Title	Revision	Issue Date
Elec-1	Construction Trailer Design (Temp Power)		8/27/2016



MEMORANDUM – SUBMITTAL APPROVALS

DATE: 09/01/16
TO: Joshua Wynia, PM – AES
FROM: Kevin Wedman, CBO – NV5

SUBJECT: AES-HBEP-12-AFC-02 Summary of Submittal Approvals – August, 2016

COMMENTS: The review of submitted documents related to AES Huntington Beach Energy Project, 12-AFC-02 has been completed. These documents were reviewed for compliance with applicable Conditions of Certification (CoC), and applicable California Building Codes. Please note that we have limited our review to regulations required for compliance with applicable CoCs and federal, state and local Laws, Ordinances, and Regulations (LORS).

CoC	Submittal Title	Code	Status
STRUC-1	AES-HBEP-12-AFC-02-STRUC 1 – Construction Trailer Design - Structural	CBC Vol I	CBO Approved
STRUC-1	AES-HBEP-12-AFC-02-STRUC 1 – Construction Trailer Design – Accessibility	CBC Vol I	CBO Approved
ELEC	AES-HBEP-12-AFC-02-ELEC-1- Construction Trailer Design- Temp Power	CEC	CBO Approved

Please contact me if you should have any questions.

Sincerely,

Kevin Wedman, CBO
NV5, Inc.
2525 Natomas Park Drive, Suite 300
O: 916.641.9114 C: 916.600.9964
kevin.wedman@nv5.com

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

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

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
CIVIL-01	CONSTRUCTION		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan. 2. An erosion and sedimentation control plan. 3. A construction storm water pollution prevention plan (SWPPP). 4. Related calculations and specifications, signed and stamped by the responsible civil engineer. 5. Soils, geotechnical, or foundation investigations reports required by the 2013 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading the project owner shall submit the documents described above to the CBO for design review and approval. In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading.		9/9/2016		
CIVIL-02	CONSTRUCTION		The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions.				
CIVIL-03	CONSTRUCTION		The project owner shall perform inspections in accordance with the 2013 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following monthly compliance report.	Within 5 days of discovery of any discrepancies.				
CIV-04	CLOSE OUT		After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work.				
ELEC-01	DEMO		Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the TRANSMISSION SYSTEM ENGINEERING section of this document.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction.				
		Temporary Power for Trailers							KW to do inspection on temp. power set up at Peaker Building on 5/19/16
		Design of Power Connection					8/24/2016	8/27/2016	APPROVED
		Installation of Power Connection							
		Temporary Power for Demolition Activities							APPROVED

Critical

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

Critical

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
GEN-08	CLOSE OUT		The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of any corrective				
GEO-01	CONSTRUCTION		A Soils Engineering Report as required by Section 1803 of the California Building Code (CBC 2013), shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and tsunamis. In accordance with CBC 2013, the report should also include recommendations for ground improvement and/or foundation systems necessary to mitigate these potential geologic hazards, if present. The project owner shall conduct a geotechnical investigation that identifies expected dewatering volumes and the spatial extent of drawdown effects of that dewatering. If the investigation shows that dewatering is likely to affect nearby wetlands or environmentally sensitive habitat areas, mitigation measures shall be incorporated into the final design plans required pursuant to Condition of Certification GEN-02.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils; and tsunamis, and a summary of how the results of the analyses were incorporated into the project foundation and grading plan design for review and comment by the Chief Building Official (CBO). A copy of the Soils Engineering Report, application for grading permit and any comments by the CBO are to be provided to the CPM at least 30 days prior to grading.	action taken to resolve a discrepancy to the CPM within 15 days. If disapproved, the project owner shall				
GEO-02	CONSTRUCTION		The project owner shall comply with the requirements of Huntington Beach Municipal Code Section 17.04.085 to ensure the existing and previously identified abandoned gas well on the site, and any additional wells that may be identified during grading and construction, are appropriately mitigated and made safe. The project owner shall consult with the Fire Chief to determine whether any of the following requirements of the municipal code apply, and shall submit the recommendations of the Fire Chief to the CPM for review and approval.	The project owner shall include in the application for a Methane District Building Permit a copy of the construction project Site Plan Review approved by the California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) that is on file with the Huntington Beach Fire Department PetroChem section. A copy of the site plan review, application for the Methane District Building Permit and any comments by Huntington Beach Fire Chief are to be provided to the CPM at least 30 days prior to initiation of grading.	advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain				COMPLETED
HAZ-07	DEMO		Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the construction area 2. security guards 3. site access control consisting of a check-in procedure or tag system for construction personnel and visitors 4. written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on site or off site 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency 6. evacuation procedures	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Security Plan is available for review and approval.	CBO's approval.				
		Construction Site Security Plan					8/12/2016		COMPLETED
NOISE-06	DEMO		Heavy equipment operation and noisy construction work relating to any project features, including pile driving, shall be restricted to the times delineated below: Mondays through Saturdays: 7:00 a.m. to 8:00 p.m. Sundays and Federal Holidays: Construction not allowed. Limited construction activities may be performed outside of the above hours, with CPM approval as set forth below. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.	Prior to ground disturbance.				
		Letter of Acknowledgement						6/27/2016	COMPLETED
S&W-01	DEMO		The project owner shall manage stormwater pollution from HBEP construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009- DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the HBEP project.	Thirty (30) days prior to site mobilization of HBEP construction activities, the project owner shall submit the construction SWPPP to the CBO and CPM for review and the SWRCB for review and timely comment. A copy of the approved construction SWPPP shall be kept accessible onsite at all times. Within 10 days of its mailing or receipt, the project owner shall submit to the CPM any correspondence between the project owner and the Santa Ana Regional Water Quality Control Board about the general NPDES permit for discharge of stormwater associated with construction and land disturbance activities. This information shall include a copy of the notice of intent and the notice of termination submitted by the project owner to the SWRCB.	Thirty (30) days prior to site mobilization of HBEP construction activities.				

Critical

Cond. #	Sort Code	Submittal	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CBO Status
		Construction SWPPP					6/10/2016 1st submittal	7/20/2016	AES to re-submit SWPPP based on CBO comments. Submitt by 9/9/16
		Notice of Intent (NOI)					8/8/2016		COMPLETED
✓	S&W-03	DEMO	Prior to any groundwater dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The dewatering plan shall include maximum daily and average daily pumping rates, and total volume expected to be pumped during dewatering, as well as the dates expected to be used for dewatering. The plan shall also include estimates of drawdown that may occur at the adjacent marsh land, and identify potential mitigation, as needed, as well as describe under what circumstances such mitigation would be implemented.	At least sixty (60) days prior to dewatering, the project owner shall submit a dewatering plan to the CPM for review and approval. The project owner shall provide a report on the dewatering daily average and maximum rate and total daily volumes in each monthly compliance report when dewatering occurs. At least 30 days prior to any planned dewatering water discharge, the project owner shall submit a RWD to the RWQCB to obtain the appropriate waiver or permit. The project owner shall submit a copy of any correspondence between the project owner and the RWQCB regarding the waiver or permit and all related reports to the CPM within 10 days of correspondence receipt or submittal.	At least sixty (60) days prior to dewatering.				No dewatering anticipated during LNTP.
✓	S&W-04	DEMO	Prior to mobilization for construction, the project owner shall obtain a National Pollutant Discharge Elimination System permit for industrial waste and stormwater discharge to the Pacific Ocean. The project owner shall discharge to the same outfall currently utilized by the Huntington Beach Generating Station under the requirements of Order No. R8-2006- 0011, NPDES No. CA0001163. The project owner shall provide a copy of all permit documentation sent to the Santa Ana or State Water Board to the CPM and notify the CPM in writing of any reported non-compliance.	Prior to construction mobilization, the project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the Santa Ana or State Water Board. Thirty (30) days prior to 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	SUBMITTED
		Demolition Work Plan					9/9/2016		COMPLETED
		12' Construction Fence Design					9/23/2016		
		Utility Clearance Plan					9/9/2016		Utility Isolation Verification - East Fuel Oil Tank and Distillate Tank SUBMITTED 9/13/16
		Demolition Site Delineation Plan					9/14/2016		

Critical

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

Critical

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

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

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

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

Appendix E

Air Quality



**Construction Equipment
& Services**

8/30/2016

To whom it may concern,

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

Equipment Information

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

Engine Information

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

Current hours reported on 8/30/2016: 1064 hours.

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

Last inspection by Volvo technician: 8/15/2016.

Last inspection by Volvo Product Support: 8/25/2106.

Next oil service due: 1500 hours.

R/S,

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



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

08-30-16

LETTER OF MAINTENANCE VERIFICATION

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

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

- | | <u>E.I.N.</u> |
|---|---------------|
| 1. BOOM 85' TELESCOPIC 4WD> UNIT # 10424609 | <u>UA5B47</u> |
| 2. SKID STEER TRACK LOADER 2400#> UNIT # 10519303 | <u>KT8C54</u> |
| 3. FORKLIFT VARIABLE REACH 8000#> UNIT # 10348179 | <u>DW6G75</u> |

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

Mark Skye
Branch Manager
United Rentals, Inc.



August 31st, 2016

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 W.A. Rasic Construction recommendations.

This is for the below listed equipment on site at:

AES Southland
21730 Newland Street,
Huntington Beach, CA

<u>Equipment</u>	<u>Serial #</u>
1. Lincoln Welder> SAE300HE	<u>C1141001928</u>
2. Kaeser> M-50 Air Compressor> UNIT # 7065	<u>2380</u>
3. Case> 590 Super N loader B'hoe> UNIT # 3051	<u>jjGN59SNCEC711133</u>

All info verified by:
W.A. Rasic Construction service department
7314 Scout Ave.
Bell Gardens, CA 90201

A handwritten signature in blue ink, appearing to read 'Jack Quick', is written over a large, light blue circular stamp or watermark.

Jack Quick
Project Manager
W.A. Rasic Construction

Appendix E

HBEP Off Road Diesel Equipment

<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID</u> 6 digit alpha numeric	<u>HBEP ID</u>	<u>Equipment</u>							<u>Engine</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>	<u>Diesel (hp)</u>	<u>Tier</u>	
8/25/2016	onsite	VK3D96	HBEP-EN004	Volvo	EC480EL Excavator	2015	310118	Volvo Construction Equipment & Services (VCES)	GSD	Volvo	EVSXL12.8T4F	D13J	12.8 L	2014	502602	373	4F	
8/18/2016	onsite	KT8C54	HBEP-EN001	Takeuchi	TL10CR Skid steer loader	2016	201003340	United Rentals	GSD	Kubota	EXBXL03.8AKD	V3800-T	3.8 L	2014	2GJ0317	108	4I	
8/18/2016	onsite	UA5B47	HBEP-EN002	Skyjack	SJ86T Boom	2015	97100108	United Rentals	GSD	Deutz	FDZXL02.9020	TD2.9L4	2.9 L	2015	11772765	74	4F	
8/18/2016	8/29/2016	DW6G75	HBEP-EN003	JLG Skytrak	8042 Rough Terrain Forklift	2015	160066913	United Rentals	GSD	Cummins	ECEXL03.3ADA	QSB3.3	3.2 L	2014	68617161	100	4I	
7/25/2016	onsite	MU9W57	HBEP-EN005	CASE	590 Super N loader Backhoe	2014	JJGN59SNCE C711133	WA Rassic	Case	FPT Industrial	EFPXL03.4ADD	FPT F5BFL413A	3.4 L	2014	201279	109	4	

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

AQCMM or Delegate name: MICHAEL HUGHES
 AQCMM or Delegate signature: [Signature]
 Date: 8-17-2016

Form: HBEP-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	Y	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?		N/A
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?		NOT SET UP YET
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?		N/A
Are onsite paved roads swept daily?*		N/A
Are paved public roadways within 500 feet of exits swept as needed?*		N/A
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?		N/A NO OFF PAVED SURFACE ACTIVITIES TO DATE
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?		N/A HAS NOT STARTED
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?		NONE
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: GSD NOT ON SITE / NO EQUIP ON SITE
WAR - 20" FSL pipe breeches and capping

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

AQCMM or Delegate name:

MICHAEL HUGHES

Form: HBEP-CAQ-002

AQCMM or Delegate signature:

[Signature]

Date:

8-17-2016

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

ADDITIONAL NOTES:

AQCMH HBEP - LNTP

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

8-18-2016

AQCMH or Delegate name:

MARK SMITH

Form: HBEP-CAQ-001

AQCMH or Delegate signature:

Date:

8-18-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?		N/A
Are speed limit signs posted at the main entrances?	Y	NA
Are equipment and vehicle operators using designated onsite roads?	Y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?		NO EXPORT
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	N	Project Start-Up SWPPP Plan is being initiated
Are onsite paved roads swept daily?*	N	NO EXPORT / NO EARTHWORK TODAY
Are paved public roadways within 500 feet of exits swept as needed?*	N	ll ll
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	N/A	NO EARTHWORK HAS COMMENCED
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?	N/A	NO TRUCK HAULING
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: MARK SMITH

Form: HBEP-CAQ-002

AQCMM or Delegate signature: *[Signature]*

Date: 8-18-2016

Diesel-Fueled Engine Control Checklist Item (AQ-5C5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today? GSD } Bobcat Skid Steer T2510 KT8054 UNITED } SKYJACK - SJ86T RENTAL } SKYTRAK - JLG DW6675	YES (3)	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 AQCCM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	NO	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the HBEP Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are green or yellow AQCCM tags visible for all diesel off-road engines operating onsite? Will be logged in checked & tagged	YES	If no, the onsite Delegate shall: 1.) Verify equipment is included on the HBEP Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	YES	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:
EQUIPMENT LISTED ARRIVED THIS AM

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

AQCMM or Delegate name: MARK SMITH
 AQCMM or Delegate signature: [Signature]
 Date: 8-19-2015

Form: HBEP-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are main access roads onsite paved or stabilized?	Y	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	✓	NONE
Are speed limit signs posted at the main entrances?	Y	
Are equipment and vehicle operators using designated onsite roads?	Y	
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?	✓	NOT YET NEEDED
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	Being Deployed
Are onsite paved roads swept daily?*	Y	NOT NEEDED YET NO CONSTRUCTION
Are paved public roadways within 500 feet of exits swept as needed?*	✓	N/A
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	✓	N/A NO CONSTRUCTION TO DATE
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?	✓	N/A
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	NONE
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
 AQCMM or Delegate signature: [Signature]
 Date: 8-19-2016

Form: HBEP-CAQ-002

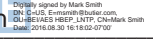
Diesel-Fueled Engine Control Checklist Item (AQ-SCS)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the HBEP Off-Road Diesel Equipment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

ADDITIONAL NOTES:
NO COMPLAINTS OR ISSUES REQUIRING ACTION TODAY

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith 

Date: 08-22-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?		N/A EXITS PAVED
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?		WILL BE DEPLOYED
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are onsite paved roads swept daily?*		No transport off site as of this date
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	
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?		N/A as of this date not needed
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:
No construct/Demo work as of this date

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: _____

Date: 08-22-2016

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

ADDITIONAL NOTES:
Equipment on site has been listed and is being verified to be tag. Equip moved on 8-18

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

AQCMM or Delegate name: _____

Form: HBEP-CAQ-001

AQCMM or Delegate signature: _____

Date: _____

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?		
Are unpaved roads onsite stabilized?		
Are unpaved exits graveled?		
Are speed limit signs posted at the main entrances?		
Are equipment and vehicle operators using designated onsite roads?		
Are wheel washers, with a minimum of 20 foot gravel ramps, installed?		
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?		
Are onsite paved roads swept daily?*		
Are paved public roadways within 500 feet of exits swept as needed?*		
Are all soil piles and disturbed areas that are inactive for longer than 10 days 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?		
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?		
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: _____

Form: HBEP-CAQ-002

AQCMM or Delegate signature: _____

Date: _____

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?		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?		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?		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?		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?		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=US, email=Mark@Baker.com,
c=US, o=12-AFC-02C HBEP LNTP, cn=Mark Smith
Date: 2016.08.26 14:11:04-0700

Date: 08-24-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	N/A	N/A EXITS PAVED
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?	N/A	WILL BE DEPLOYED when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	Being Deployed
Are onsite paved roads swept daily?*	Y	As needed, No transport off site as of this date
Are paved public roadways within 500 feet of exits swept as needed?*	Y	As needed, no transport off site, not needed
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	Y	No inactive stockpiles
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	N/A as of this date not needed, no transport off site as of this date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES:
No construct/Demo work as of this date, Set up prep

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith 

Date: 08-24-2016

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

ADDITIONAL NOTES:
Equipment on site has been logged and listed, and it is/they are being verified for tags.

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: c=US, email=Mark@Baker.com,
ou=1201425 HBEP LNTP, cn=Mark Smith
Date: 2016.08.26 14:11:04-0700

Date: 08-25-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	N/A	N/A EXITS PAVED
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?	N/A	N/A will be deployed when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	Being Deployed most completed LNTP
Are onsite paved roads swept daily?*	Y	No transport off site as of this date
Are paved public roadways within 500 feet of exits swept as needed?*	Y	N/A no off site transport sa of this date
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	Y	No inactive stock piles at this time
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?	N/A	N/A as of this date not needed, no off site bulk transport to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES:
No construct/Demo work as of this date, Set up prep

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith 

Date: 08-25-2016

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

ADDITIONAL NOTES:
Equipment on site has been listed and is being verified to be tag. VOLVO 480 Excavator delivered today, listed and being verified.

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=US, email=Mark@bauer.com,
ou=121423 HBEP LNTP, cn=Mark Smith
Date: 2016.08.26 14:11:04-0700

Date: 08-26-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	N/A	N/A EXITS PAVED
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?	N/A	N/A will be used when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	Being Deployed most completed LNTP
Are onsite paved roads swept daily?*	Y	As needed, No bulk transport off site as of this date
Are paved public roadways within 500 feet of exits swept as needed?*	Y	As needed, no off site transport as of this date
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	N/A	No inactive soil stockpiles
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	N/A	as of this date not needed, No off site bulk transport to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES:

No construct/Demo work as of this date, Set up prep, deploy bmp's, GSD equipment delivered yesterday. Listed and logged awaiting approval

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith 

Date: 08-26-2016

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

ADDITIONAL NOTES:
Equipment on site has been listed and is being verified to be tag. VOLVO 480 Excavator delivered yesterday, logged and listed and being verified.

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: _____

Date: 08-29-2016

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	
Are unpaved roads onsite stabilized?	Y	
Are unpaved exits graveled?	N/A	Exits are Paved
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?	N/A	Ready at staging area, Will be deployed when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are onsite paved roads swept daily?*	Y	As needed, currently not required, No off site transport to date
Are paved public roadways within 500 feet of exits swept as needed?*	Y	As needed, currently no off site bulk trucking
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	N/A	No inactive stockpiles on site
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?	N/A	No bulk transport to date
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner?	N	
If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).		

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

ADDITIONAL NOTES: First Day of Construction/DEMO tank #5 east fuel tank, Demo
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Air Quality Construction Mitigation Plan for the Huntington Beach Energy Project, LNTP
(12-AFC-02C)

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: _____

Date: 08-29-2016

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

ADDITIONAL NOTES:

WA Rasic demobilized. Only the Kaeser 185 air compressor was removed. Case 590SN is parked.

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

AQCMM or Delegate name: Mark mSmith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith

Date: 8-30-2016

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	
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	N/A	Exits are paved
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?	N/A	deployed at staging area will be used when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	Y	as needed, not needed at this time, no earthwork
Are paved public roadways within 500 feet of exits swept as needed?*	Y	as needed basis, no off site transport as of this day.
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	no active stock piles
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?	N/A	n/a as of this date, no bulk off site transport
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:
Demo on tank started Monday 08-29, no earth excavations are made, fugitive dust control accomplished by 1.5 inch fire hose with sprayer nozzle

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith 

Date: 8-30-2016

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark mSmith

Form: HBEP-CAQ-001

AQCMM or Delegate signature: Mark Smith Digitally signed by Mark Smith
DN: cn=US, email=Mark@baker.com,
c=US, o=12-AFC-02C HBEP LNTP, cn=Mark Smith
Date: 2016.08.30 11:27:27 -0700

Date: 8-31-2016

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	
Are unpaved roads onsite stabilized?	y	
Are unpaved exits graveled?	N/A	Exits are paved
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?	N/A	As needed use, deployed at staging area will be used when needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	y	
Are onsite paved roads swept daily?*	Y	as needed, not needed at this time, no earthwork
Are paved public roadways within 500 feet of exits swept as needed?*	Y	as needed basis, no off site transport as of this day.
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered?	y	no active stock piles
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?	N/A	as of this date, no bulk off site transport
Are dust plumes visible with the potential to be transported offsite and within 400 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form HBEP-CAQ-003).	N	

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

ADDITIONAL NOTES:

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

AQCMM or Delegate name: Mark Smith

Form: HBEP-CAQ-002

AQCMM or Delegate signature: Mark Smith 

Date: 8-31-2016

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

ADDITIONAL NOTES:

Appendix F
Worker Environmental Awareness
Program

WORKER ENVIRONMENTAL AWARENESS PROGRAM TRAINING ACKNOWLEDGEMENT

AES Huntington Beach Energy Project

Please note: By Signing below, I acknowledge that I have received training at an education session prior to starting work on this project. During that session, I was provided information regarding the biological, cultural, and paleontological resources within the project area.

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.

Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
8-15-98	Elcain Gonzalez	GSD		Wynia
"	Reynaldo Orozco	GSD		WYNIA
"	MIKE HUBER	GSD		Wynia
"	Maggie Fitzgerald	CH2M		Wynia
"	Sally Drinkard	CH2M		Wynia
"	Jesse Howlett	GSD		Wynia
"	KEITH MCGREGOR	CH2M		Wynia
"	MIKE AUGHES	AES		WYNIA
"	Peter Torrey	CH2M		Wynia
"	MARK SMITH	BEI		WYNIA/CH2M
"	JEFF McCLARTY	BEI		Josh



Appendix G
Biological Resources Monthly
Summary Report

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

August 2016 Reporting Period

Prepared for:
AES Southland Development, LLC.
21730 Newland Street
Huntington Beach, CA 92646

Prepared by:

CH2MHILL®

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Santa Ana, CA 92707

September 2016

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1.0 Introduction

This monthly compliance report (MCR) summarizes biological resources monitoring activities and documentation conducted during Limited Notice to Proceed (LNTP) activities at the Huntington Beach Energy Project (HBEP) from August 1 through August 31, 2016, in accordance with the March 2016 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The HBEP LNTP boundary is provided in Figure 1. The California Energy Commission (CEC) Compliance Project Manager (CPM) approved August 15, 2016 as the LNTP construction start date. LNTP construction is currently estimated to conclude in late 2016.

The LNTP scope of work executed prior to full construction activities will include the following:

- Asbestos and Lead Survey
- Asbestos and Lead Abatement
- Soil Sampling and Human Health Risk Assessment
- Construction Screening Fence Installation (Construction Site and Newland Parking Lot)
- Clean, Cap, Remove Abandoned Oil Lines (includes asbestos removal)
- Demolition of Structures (Unit #5 Peaker and Compressor Buildings, Aboveground Storage Tanks and Ancillary Equipment)
- Excavation and Stockpiling of Containment Berms

The following biological Conditions of Certification (COC) pertaining to monitoring activity covered by this MCR include, but are not limited to:

- BIO-2 Duties of Designated Biologist and Biological Monitor(s)
- BIO-5 Worker Environmental Awareness Program (WEAP)
- BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan
- BIO-7 General Impact Avoidance and Minimization Measures
- 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 CH2M during the August 2016 reporting period. Construction mobilization began on August 15, 2016 and is expected to be completed in December 2016.

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

2.1 WEAP Training

In adherence with BIO-5, all onsite staff receive WEAP training prior to start of work. A total of 42 staff completed the required WEAP training in August 2016. Attachment 1 provides a summary table of the Project's WEAP attendance. The hard copy sign-in training logs for August 2016 will be submitted under separate cover.

2.2 LNTP Activities Monitored

Biological monitoring during tank demolition activities was conducted on August 26, 2016. The Biological Resources Compliance Monitoring Log is provided in Attachment 2.

2.3 Nesting Birds

No active bird nests were identified within the HBEP LNTP site during August 2016. In compliance with BIO-8, the pre-construction nesting bird survey report was submitted under separate cover to the CEC CPM, United States Fish and Wildlife Service (USFWS), and California Department of Fish and Wildlife (CDFW) on August 29, 2016.

2.4 Special-Status Species

Three special-status species were observed within the project vicinity during monitoring, which included the following: great blue heron (California Department of Forestry and Fire Protection [CDF] Sensitive [S]), snowy egret (*Egretta thula*; CDFW *Special Animals List*¹), and white-tailed kite (*Elanus leucurus*; CDFW Fully Protected [FP]).

2.5 Wildlife Injuries and Mortalities

2.5.1 Migratory Bird Treaty Act Protected Species

No injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed at the project site.

2.5.2 Other Species

No other wildlife injuries or mortalities were observed at the Project site. A list of wildlife species observed during the monitoring events are included as Attachment 3.

2.6 Daily Inspections

In accordance with BIO-2 and BIO-7, the following onsite personnel were trained by the Melissa Fowler/Designated Biologist on how to conduct daily inspections for biological resources and to

¹ This species does not have a formal designation, but is included on the CDFW *Special Animals List*. Available online at: <http://www.dfg.ca.gov/wildlife/nongame/list.html>

comply with applicable COCs: Jeff McClarty, Keith McGregor, EJ Penewell, Mark Smith, and Josh Wynia. Daily inspections started on August 15, 2016 and associated logs are included in Attachment 4.

2.7 Hazardous Material Spills

No hazardous material spills occurred at Project site during the biological resources monitoring event.

2.8 Trash

No litter was observed within the Project site during the biological resources monitoring event.

2.9 Non-compliance Reports

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

Attachment 1
WEAP Training Summary

**WEAP Summary Table through August 31, 2016
Amended Huntington Beach Energy Project**

Month Training Conducted	Monthly Total of WEAP Attendees*
August 2016	42
Total	42
*Attendance is based on training sign-in sheets	

Attachment 2
Biological Resources Compliance Monitoring Log

AES Southland Development Huntington Beach Energy Project (HBEP)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
August 26, 2016	Mark Canfield				0830-1200
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
69	58	1-3	N	Good	Overcast
Location(s) of Work Site Activities Monitored					
AES HBEP Limited Notice to Proceed (LNTP) project disturbance area and access roads.					
Summary of Biological Resources Monitoring Observations					
<p>The biologist conducted a thorough biological resources monitoring survey for special-status species and nesting birds on the AES HBEP LNTP project site. The survey included: the fuel oil AST tank and basin; the compressor building, Peaker Building 5, the maintenance storage building, and adjacent parking lot area.</p> <p>Bird/Nesting Birds Observations:</p> <ul style="list-style-type: none"> • No active bird nests or courtship and nesting behavior was observed during today's monitoring event. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • Two (2) great blue heron (<i>Ardea herodias</i>; California Department of Forestry and Fire Protection [CDF] Sensitive [S]) were observed foraging in the upper Magnolia Marsh wetlands. • A snowy egret (<i>Egretta thula</i>; California Department of Fish and Wildlife [CDFW] Special Animals List - nesting colony) was observed foraging in the upper Magnolia Marsh wetlands. • A white-tailed kite (<i>Elanus leucurus</i>; CDFW Fully Protected [FP]) was observed flying north through the area from the Magnolia Marsh wetlands. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • Coyote (<i>Canis latrans</i>) tracks observed throughout project site. Small mammal tracks (possibly <i>Neotoma</i> sp. or <i>Rattus</i> sp.) on east side of fuel tank basin by locked gate to Magnolia Marsh access road. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • None 					
Wildlife Species Observed:					
<ul style="list-style-type: none"> • American crow (<i>Corvus brachyrhynchos</i>), California ground squirrel (<i>Spermophilus beecheyi</i>), desert cottontail (<i>Sylvilagus audubonii</i>), great blue heron, gull (<i>Larus</i> sp.), rock pigeon (<i>Columba livia</i>), snowy egret (<i>Egretta thula</i>), and white-tailed kite. 					

Photo 1



Location	Oil pipeline next to tank basin.	Description	Oil pipeline being prepared for removal. Ends capped at all cut locations to contain pipe contents; also excludes wildlife entry.
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Photo 2



Location	Magnolia Marsh	Description	Approximate location of great blue heron (yellow oval).
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Photo 3



Location	Fuel tank basin.	Description	Recent coyote tracks.
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Attachment 3
Observed Wildlife Species List

**Observed Wildlife Species List August 2016
Huntington Beach Energy Project**

Common Name	Scientific Name	Status Federal/State
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--
Great blue heron	<i>Ardea herodias</i>	--/S*
Gull	<i>Larus sp.</i>	--/--
Rock pigeon	<i>Columba livia</i>	--/--
Snowy egret	<i>Egretta thula</i>	--/L
White-tailed kite	<i>Elanus leucurus</i>	--/FP
Mammals		
California ground squirrel	<i>Otospermophilus beecheyi</i>	--/--
Desert cottontail	<i>Sylvilagus audubonii</i>	--/--
<p>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 L = Species is listed on the CDFW <i>Special Animals List</i>. Available online at: http://www.dfg.ca.gov/wildlife/nongame/list.html *California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.</p>		

Attachment 4
Biological Resources Daily Inspection Logs

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: Tuesday 8-16-2016 ; Day#2
Employee/Contractor Name (Company): Mark Smith Butier Engineering Inc. AES HBEP - LNTP	Weather: Temperature (°F): 6@7am / 7@3:30pm; Humidity (%): 5%am / 1%@3:30pm Wind Speed (mph): 5am / 1 pm Wind Direction: wsw Cloud Cover (%): 0%@ 8am; Visibility: sm, am / , pm Precipitation: 0

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
General Impact Avoidance & Minimization Measures			
Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	None observed
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

BIOLOGICAL RESOURCES DAILY INSPECTION					DATE: Wednesday 08-17-2016	
CONTRACT # AES: P.N. XXX		AES SOUTHLAND HB/LNTP			BIO REPORT NO. : #03	
		Huntington Beach Repower				
Status	WORKING?	YES	NO	IF NOT, WHY NOT:	GSD Not on Site (training day)	
			X	WA Rassic working		
	Weather: 62° @7:00am thick marine ovrcst; Humidity 79% Wind 1mph westerly			69° @10:00am clearing, Humidity 75% Wind 4mph westerly. Clear @ 12pm 80° @2:30pm clr sunny Humidity 58% Wind 9mph westerly.		
General Contractor: Demolition : GSD Working Hours: (7:00am to 3:30pm)						
Check Points	AES Proj. No.:		YES	NO	REMARKS:	
	MANGEMENT ON SITE		X		(AES:., Josh W.)	
GSD:Manpower	Project Manager, Project Engineer, Foreman, Safety/Compliance Officer, (Operator:1) (Laborer: 1)					
GSD:Equipment	No Equipment on Site					
WARassic:Mnpwr	Crew of 6					
	Case back hoe, air compressor					
Sub-Contractor:	WAR's sub Envent vapor filter system and sub K-Vac, crew of 3					
Sub-Contractor:						
Site Visit	EJ Pennwell					
Site Visit						
BIO OBSERVATIONS						
Site Work /	9:00am and 2 pm Proposed work Site Area scanned. No wildlife observed					
	Contractors is not operating equipment today. Workers stayed within the delineated work area.					
Melissa Fowler	Project Biologist CH2M, see Melissa's daily for Monday day#1,					
	No open trenched/No ponded water/existing surface undisturbed/No stockpiles/					
Deliveries						
Photos	See files, Project Daily Report/Photos					
Utilities Encounter	Not Shown on contract drawing utilities:					
INSTRUCTIONS GIVEN OR RECEIVED/CONTROVERSIES:						
ISSUE	AES:					
	:					
	:					
	BEL:					

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-18-2016
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather: see Butier Daily Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None known on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-19-2016
Employee/Contractor Name (Company): Mark Smith Butier Engineering Inc. / AES HBEP - LNTP	Weather: see Butier Daily Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None known on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-22-2016
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather: Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-23-2016
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather: Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-24-2016
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather: Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-25-2016	
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather:	
	Temperature (°F):	Humidity (%):
	Wind Speed (mph):	Wind Direction:
	Cloud Cover (%):	Visibility:
	Precipitation:	

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: 8-26-2016
Employee/Contractor Name (Company): Butier Engineering Inc. / AES HBEP - LNTP	Weather: Temperature (°F): Humidity (%): Wind Speed (mph): Wind Direction: Cloud Cover (%): Visibility: Precipitation:

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes: Mark Canfield On-Site this AM weekly

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: Monday 8-29-2016 ; Day#11
Employee/Contractor Name (Company): Mark Smith Butier Engineering Inc. / AES HBEP - LNTF	Weather: Temperature (°F): 65 / 77@3:30pm Humidity (%):85% /61%@3:30pm Wind Speed (mph): 2 to 5/ 12 pm Wind Direction: wsw Cloud Cover (%): 60%@ 8am Visibility: 3 sm am / 5 -10 pm Precipitation: 0

Summary of Daily Inspections (as applicable): AM 2-SNEG in wetlands south of project area

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
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General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	None observed
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: Tuesday 8-30-2016 ; Day#12
Employee/Contractor Name (Company): Mark Smith Butier Engineering Inc. AES HBEP - LNTP	Weather: Temperature (°F): 66@7am / 77@3:30pm; Humidity (%): 85%am / 61%@3:30pm Wind Speed (mph): 2 to 5am / 12 pm Wind Direction: wsw Cloud Cover (%): 60%@ 8am; Visibility: 3 sm am / 5 -10 pm Precipitation: 0

Summary of Daily Inspections (as applicable): AM 1-SNEG in wetlands south of project area

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
--	----------------------	----------------------	-----------------

General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	None observed
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Huntington Beach Energy Project (HBEP) - Limited Notice to Proceed

Biological Resources Daily Inspection

Site Supervisor Name: Josh W.	Date: Wednesday 8-31-2016 ; Day#13
Employee/Contractor Name (Company): Mark Smith Butier Engineering Inc. AES HBEP - LNTP	Weather: Temperature (°F): 68@7am / 84@3:30pm; Humidity (%): 92%am / 57%@3:30pm Wind Speed (mph): 4am / 10 pm Wind Direction: wsw Cloud Cover (%): 60%@ 8am; Visibility: 3 sm am / clear 5 -10sm pm Precipitation: 0

Summary of Daily Inspections (as applicable):

Reminder: If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1473 or Melissa.Fowler@ch2m.com. In the event the DB cannot be reached, please contact Mark Canfield/Biological Monitor at (949) 510-8230 or Mark.Canfield@ch2m.com. After you have contacted the DB or Biological Monitor, please complete a "Wildlife Observation Form".

Compliance Verification Checklist - Biological Resources:

	In Compliance	Action needed	Comments
--	----------------------	----------------------	-----------------

General Impact Avoidance & Minimization Measures

Stay within designated work areas (e.g., construction access, staging, etc.)	Y	N	
Trenches, bores, and excavations have been backfilled, sloped at a 3:1 ratio at the ends to provide wildlife escape ramps, or covered completely to prevent wildlife access.	Y	N	
No spoils are stockpiled adjacent to the southeastern fence line (purpose: to minimize potential for spoils to enter into adjacent wetlands).	Y	N	
Soil bonding and weighting agents used on unpaved surfaces are non-toxic to wildlife and plants.	Y	N	
Water applied to dirt roads and construction areas is appropriate to avoid puddles from forming onsite.	Y	N	

Vehicles and equipment are maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials	Y	N	
Litter-free work site - trash and food-related waste are placed in self-closing containers and removed weekly or more frequently from the site.	Y	N	
No firearms or weapons are onsite.	Y	N	None observed
Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations.	Y	N	
Pesticide management in accordance with standard best management practices (BMPs).	Y	N	
Exclusion Zones (e.g., no-disturbance buffer for active nests)	Y	N	None on site
Displaced wildlife	N	N	
Onsite traffic speed limit 15 mph	Y	N	10 TO 12MPH
Pre-construction surveys (nesting birds and bats)	Y	N	

Notes:

Appendix H
Cultural Resources Monthly Summary
Report

APPENDIX INTENTIONALLY LEFT BLANK

Appendix I
Paleontological Resources Monthly
Summary Report

APPENDIX INTENTIONALLY LEFT BLANK

Appendix J
Worker Safety

CONTRACTOR SAFETY OREIENTATION TRAINING

ACKNOWLEDGEMENT

AES Huntington Beach Energy Project

Proof of Contractor Orientation

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.

Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
8-15-16	Jeff McLarty	BET	<i>[Signature]</i>	Josh
8-15-16	MARK SMITH	BET	<i>[Signature]</i>	WYNIA
8-15-16	Peter Torrey	CH2M	<i>[Signature]</i>	Wynia
8-15-16	KEITH MCGREGOR	CH2M	<i>[Signature]</i>	WYNIA
8-15-16	Sally Drinkaud	CH2M	<i>[Signature]</i>	Wynia



CONTRACTOR SAFETY OREIENTATION TRAINING ACKNOWLEDGEMENT

AES Huntington Beach Energy Project

Proof of Contractor Orientation

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.

Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
8-15-16	Jeff McElarty	BET	<i>Jeff McElarty</i>	Josh
8-15-16	MARK SMITH	BET	<i>Mark Smith</i>	WYNIA
8-15-16	Peter Torrey	CH2M	<i>Peter Torrey</i>	Wynia
8-15-16	KEITH MCGREGOR	CH2M	<i>Keith McGregor</i>	WYNIA
8-15-16	Sally Drinkard	CH2M	<i>Sally Drinkard</i>	Wynia



AES Huntington Beach Energy Project

Contractor Safety Orientation

Personnel Trained YTD	109	Personnel Trained in August	42	
Contractor Name	Current	Original Date	Vendor Name	WEAP Training
Cabrera, Martin	8/1/2016	8/1/2016	Envent Corporation	8/1/2016
Lowry, Lou	8/3/2016	8/3/2016	Western Allied	8/3/2016
Weeks, Andrea	6/9/2016	6/9/2016	Butier Engineering	8/4/2016
Cloud, Dane	8/4/2016	8/1/2016	W.A. Rasic Construction	8/4/2016
Everett, Michelle	8/4/2016	8/4/2016	NV5	8/4/2016
Schlueter, Greg	8/5/2016	8/5/2016	Envent Corporation	8/5/2016
McClarty, Jeff	8/15/2016	8/15/2016	BEI	8/15/2016
Smith, Mark	8/15/2016	8/15/2016	BEI	8/15/2016
Torrey, Peter	8/15/2016	8/15/2016	CH2M	8/15/2016
McGregor, Keith	8/15/2016	8/15/2016	CH2M	8/15/2016
Drinkard, Sally	8/15/2016	8/15/2016	CH2M	8/15/2016
Hughes, Mike			AES Southland	8/15/2016
Gonzalez, Efrain			GSD	8/15/2016
Orozco, Reynaldo			GSD	8/15/2016
Huber, Mike			GSD	8/15/2016
Fitzgerald, Maggie			CH2M	8/15/2016
Houleh, Jesse			GSD	8/15/2016
Carrillo, Jose	8/16/2016	8/16/2016	Envent Corporation	8/16/2016
Sanders, Samuel	8/16/2016	8/16/2016	Envent Corporation	8/16/2016
Trail, Gary	8/18/2016	8/18/2016	GSD	8/18/2016
Hagemann, Hannah	8/23/2016	8/23/2016	Arcadis	8/23/2016
Juarez, Marco	8/23/2016	8/23/2016	Interphase Environmental Inc	8/23/2016
Leon, Michael	8/23/2016	8/23/2016	Interphase Environmental Inc	8/23/2016
Oshiro, Bobby	8/23/2016	8/23/2016	Pacific Coast Locators	8/23/2016
Johnsen, John	8/23/2016	8/23/2016	Southern California Edison Cc	8/23/2016
Rubio, Jack			AES Huntington Beach	8/25/2016
Bui, Nam			AES Huntington Beach	8/25/2016
Charles, Gilbert			AES Huntington Beach	8/25/2016
Spencer, David			AES Huntington Beach	8/25/2016
Alcala, Daniel			AES Huntington Beach	8/25/2016
Ledbetter, John			AES Huntington Beach	8/25/2016
Porter, Simon			AES Huntington Beach	8/25/2016
Moreno, Paula			AES Huntington Beach	8/25/2016
McKinlay, Coury			AES Southland	8/25/2016
Kahle, Kody			AES US SBU	8/25/2016
Gonzalez, Jesus	8/26/2016	8/26/2016	GSD	8/26/2016
Paul, James	8/29/2016	8/29/2016	Smithco Surveying Engineerir	8/29/2016
Griffith, Eric	8/29/2016	8/29/2016	Smithco Surveying Engineerir	8/29/2016
Bamsey, Scott			AES Huntington Beach	8/30/2016
Salotto, Rose			AES Huntington Beach	8/30/2016
Molina, Jason			AES US SBU	8/30/2016
Cruz, Noe			Irwin	8/30/2016

Safety Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

9/1/2016

Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0062	Safety	160801 Asbestos Removal Gas Pipe	AES	EJ Penewell	Positive Observation	Other	Medium	Closed	8/11/2016	8/11/2016	preparing to decontaminate pipe of asbestos	Use tyvek suits, respirators and gloves to protect workers while removing asbestos	0
SO-0063	Safety	160801 Prepare and tap line #1 position #1	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/11/2016	8/11/2016	Set up for drilling of pipe with bonding, blowout protection, fire watch and permit and walk through so all know their roles.	Rasic followed procedures planned and practiced.	0
SO-0064	Safety	160802 South end Pipes 1&2 position 7	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/16/2016	8/16/2016	Fuel lines 1 & 2 at position 7 are prepared for drilling	All safety requirement were met and documented	0
SO-0065	Safety	160804 Removal of Pipe cut	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/16/2016	8/16/2016	Removal of pipe cut on line1 at position 7	Followed appropriate safety procedures	0
SO-0066	Safety	160805 Drilling line 2 at position 7	AES	EJ Penewell	Unsafe Condition	Hot Work	High	Closed	8/16/2016	8/17/2016	While working at position 7 (near power plant) on lines 1 & 2 including welding, another project was started near our work site. We had to shut down and move for the safety of our workers.	Stopped our work.	0
SO-0067	Safety	160808 Tapping line 3 position 3 at FO Tank	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/17/2016	8/17/2016	Team is set up to tap FO line 3 at FO tank and is tapping	Tapping was conducted as described above and as shown in photo.	0
SO-0068	Safety	160810 Backhoe operator not wearing seat belt	AES	EJ Penewell	Rule Violation	Equipment/Tools	Medium	Open	8/17/2016		Backhoe operator not wearing seat belt while operating equipment.	Stopped operator and discussed. He admitted he was wrong right away. Did a retraining with foreman and advised not wearing your seat belt will be and is grounds for dismissal from job.	0
SO-0069	Safety	160811 First aid for cut finger	AES	EJ Penewell	Unsafe Act	Personal Protective Equipment	High	Closed	8/17/2016	8/17/2016	Worker cut finger (paper cut per worker) while removing 10 in FO pipe at line 3, position 4 inside berm area. Occurred at approximately 10 am.	Bandage was applied after cleaning cut. Trained per above.	0
SO-0070	Safety	160811 AES safety stand down	AES	EJ Penewell	Positive Observation	Other	High	Closed	8/17/2016	8/17/2016	Safety stand down to review safety issues and current events throughout AES.	Attended and participated. It was a moving presentation by AES staff.	0
SO-0071	Safety	160812 Waste FO Tanker with guage	AES	EJ Penewell	Positive Observation	Hazard Communication	High	Closed	8/17/2016	8/17/2016	Fuel oil waste tanker is collecting product from the various pipes for safe disposal.	Following safety rules.	0
SO-0072	Safety	160815 GSD orientation and Kick off	AES	EJ Penewell	Positive Observation	Other	High	Closed	8/19/2016	8/19/2016	Arrival and kick off meeting with demo contractor.	Participation in meeting and answer questions.	0
SO-0073	Safety	160816 FO pipe 4 at position 2 cut and capped	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/19/2016	8/19/2016	At position 2 line 4 cutting pipe and welding covers.	Cut and welded line 4 position 2.	0
SO-0074	Safety	160818 Cut and cap line 4 position 3	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/19/2016	8/19/2016	Cut and cap line 4 at position 3	Followed safe procedures and hot work permit.	0
SO-0075	Safety	160819 Fire extinguishers need cert tag	AES	EJ Penewell	Rule Violation	Equipment/Tools	Low	Closed	8/19/2016	8/19/2016	Both boom lift and fork lift do not have correct certification tag.	Advised GSD, responsible contractor, and they advised rental company.	0
SO-0076	Safety	160822 Cutting and venting fuel oil line	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/25/2016	8/25/2016	Rasic is cutting and venting line 1 & 2 at position 4.	Followed hot work procedures as required and capped same lines.	0
SO-0077	Safety	160823 Drilling hot tap fuel oil line	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/25/2016	8/25/2016	At position 7, line 2 contractor begins cutting fuel oil line.	As described above do all safety checks.	0

Safety Observations

Project Name: HB - Owners Scope

Project Number: SLOS-HB

9/1/2016

Record No.	Category	Title	Creator Company	Creator	Observation Class	Observation Type	Priority	Status	Creation Date	End Date	Observation	Action Taken	Days taken to Close
SO-0078	Safety	160824 F.O. Line hot cutting	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/26/2016	8/26/2016	Contractor set up to hot cut position 5 line 1.	As described above, all participants, have well defined role in the safe execution of this successful tast.	0
SO-0079	Safety	160825 New heavy equipment on site	AES	EJ Penewell	Positive Observation	Other	Medium	Closed	8/26/2016	8/26/2016	Contractor has had delivered an excavator for use on demolition p.ortion of this project	Contractor provided required information according to requirements.	0
SO-0080	Safety	160826 F.O.Pipe cut to fill with slurry	AES	EJ Penewell	Positive Observation	Confined Space	High	Closed	8/29/2016	8/29/2016	Contractor, following hot work permit, ventilated, air tested, cut, and filled with slurry position 5, lines 1 & 2.	As described above, contractor followed safe procedures as required by hot work permit.	0
SO-0081	Safety	160829 Per-demo of F O tank job walk	AES	EJ Penewell	Positive Observation	Risk & Hazard Assessment	High	Closed	8/30/2016	8/30/2016	GSD P.M. escorted and walked AES and NV5 through the electrical isolation and process by which entry into tank will occur.	GSD is following the plan as written.	0
SO-0082	Safety	160831 Excavator cleaning inside F O tank	AES	EJ Penewell	Positive Observation	Work Practice	High	Closed	8/31/2016	8/31/2016	Excavator is inside F O tank removing roof portion of tank.	Used briefing check list as required.	0
SO-0083	Safety	160830 F O tank cutting	AES	EJ Penewell	Positive Observation	Hot Work	High	Closed	8/31/2016	8/31/2016	With use of boom lift 8 x 20 steel panels are cut out of tank.	Followed all safety rules to have no accidents.	0

Worker Safety - 5

Project: AES Huntington Beach Energy Project

Docket #: 12-AFC-02

Updated: August 30, 2016

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



Location: Unit 1 and 2 Control Room

Worker Safety - 5



Location: Unit 3 and 4 Control Room



Location: Maintenance Building

Appendix K
Changes to Conditions of Certifications



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

tel 562 493 7891
fax 562 493 7320

April 27, 2016

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

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

Dear Mr. Veerkamp;

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

Sincerely,

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

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

Attachments

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

Sene Viola

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

Good Morning Sene,

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

Let me know if you have any questions.

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

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

Eric,

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

Best regards,

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

Sene Viola

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

Eric,

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

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

Please give me a call if you have any questions.

Best regards,

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

Sene Viola

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

Sene,

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

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

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

Thanks. Let me know if you have any questions.

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

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

Eric,

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

Attachment 1 – Argus Site Specific Health and Safety Program
Attachment 2 – Ninyo & Moore (3rd party oversight) Site-Specific Abatement Specification

Sene Viola

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

Eric,

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

Sincerely,

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

Sene Viola

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

Sene,

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

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

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

Good Morning Eric,

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

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

Please let me know if you have any questions.

Thank you,

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

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

Sene,

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

Thank you.

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

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

Good Morning Eric and Kevin,

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

Please give me a call if you have any questions.

Thank you,

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

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

Please give me a call if you have any questions.

Best regards,

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

Appendix L

Filings/Permits



GSD COMPANIES

Rule 1403 Form Notification of Demolition or Asbestos Removal

Submittal Revision 0

Michael Huber

8/5/2016

Copies of required notifications, permits and authorizations consistent with "Section 01015 – General Provisions"

**South Coast Air Quality Management District**21865 Copley Drive, Diamond Bar, CA 91765-4182
Phone: (909)396-2336 (www.aqmd.gov)**USPS-Mail Form and Fee To:**SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641**All Others-Mail Form and Fee To:**Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065**Rule 1403 Form Notification of Demolition or Asbestos Removal**

1 Fax these type of Notification Forms to (909)396-3342 and mail the originals within 48 hrs

Project Type	DEMOLITION <input checked="" type="checkbox"/>	DEMOLITION (Fire Training) <input type="checkbox"/>	ASBESTOS REMOVAL (Renovation) <input type="checkbox"/>	PLANNED RENO (Annual) <input type="checkbox"/>	1 PROCEDURE 4 PLAN <input type="checkbox"/>	1 PROCEDURE 5 PLAN <input type="checkbox"/>	Project Urgency	EMERGENCY <input type="checkbox"/>	ORDERED <input type="checkbox"/>
Notification Type	ORIGINAL <input checked="" type="checkbox"/>	1 CANCELLATION <input type="checkbox"/>	1 REVISION AMOUNT <input type="checkbox"/>	1 REVISION DATES <input type="checkbox"/>	1 REVISION OTHER <input type="checkbox"/>				

Contractor Information: Notifications should be submitted by the contractor performing the project

CSLB License 100782 A Cal. OSHA REG _____ AQMD ID _____ CHECK _____ FEE \$ 666.33 DATE 08/05/2016 PROJECT# _____

Company Name GSD Trading USA, Inc. List Site Supervisor(s) _____ Phone _____

Address 7135 South Lake Houston Pkwy. Michael Huber (281) 770-5425

City Houston State TX Zip 77049 Jesse Howlett (832) 808-1189

Completed by Michael Huber Phone (281) 770-5425

Site Information: Copies of this notification and the CAC asbestos survey report must be kept at the worksite during this project

Site Name AES Huntington Beach Energy LLC

Site Address 21730 Newland Street Cross Street Pacific Coast Highway

Site City Huntington Beach State CA Zip 92646 County Orange

Site Owner AES Huntington Beach Energy LLC Contact Joshua Wynia Phone (714) 227-9994

Owner Address 21730 Newland Street City Huntington Beach State CA Zip 92646

Describe Work Demolition of Unit 5 Peaker & Gas Compressor Bldg., and East Fuel Oil & Distillate Oil Tanks

Describe Work Location (s) Unit 5 Peaker & Gas Compressor Bldg., and East Fuel Oil & Distillate Oil Tanks

Demolition Project Start Date 08/22/2016 Demolition Project End Date 12/23/2016 Project Work Shift Day Swing Night

²BUILDING SIZE in sq ft 15160.00 Number of Floors 2 Building Age (years) 58 Number of Buildings or Dwelling Units 2

Building Prior Present Use SCHOOL HOSPITAL CONDO/APT PUBLIC BLDG. INDUSTRIAL COMMERCIAL OFFICE UNI/COLLEGE HOUSE SHIP OTHER

Required Building Information ASBESTOS SURVEY? YES NO ASBESTOS FOUND? YES NO ASBESTOS REMOVED? YES NO BUILDING TO BE DEMOLISHED? YES NO

Asbestos Information: Do not provide this information in demolition notifications, see pg 2

Asbestos Amount to be Removed in sq ft	FRIABLE	CLASS I	CLASS II	² TOTAL AMOUNT	0.00			
Amount of Each Type of Asbestos in sq ft	ACOUSTIC CEILING	LINOLEUM	INSULATION	FIRE PROOFING	DUCTING	STUCCO	MASTIC	FLOOR TILES (VAT)
	DRYWALL	PLASTER	TRANSITE	ROOFING	OTHER	PLEASE DESCRIBE OTHER TYPE OF ASBESTOS:		

Asbestos Removal From SURFACES PIPES COMPONENTS

Asbestos Detection Procedures: Check the procedures and analytical methods used to determine the presence of asbestos in the building. See Survey Checklist

SURVEY BULK SAMPLING INSPECTION CAC ASSUMED AS ASBESTOS-PACM PLM PCM TEM

Controls: Check the combination of Rule 1403 procedures used to control asbestos emissions. (Procedure 4 and 5 submit plans for AQMD prior approval)

PROCEDURE NUMBER 1 2 3 4 5

Emergency Asbestos Removal: Check the sudden unexpected event and attach a letter from the person affected by the emergency explaining how this event caused unsafe conditions, equipment damage or unreasonable financial burden. For disturbed/damaged asbestos materials see Procedure 5 Guidelines.

FIRE FLOOD WATER DAMAGE EARTHQUAKE NUISANCE VANDALISM HEALTH/SAFETY FINANCIAL BURDEN EQUIPMENT DAMAGE OTHER

Name of Person Declaring/ Authorizing the Emergency _____ Phone _____ Date of Emergency _____ Hour of Emergency _____

AQMD USE ONLY:	SCREENED BY	RECEIVED	POSTMARKED	ENTERED BY	NOTIFICATION #
-----------------------	-------------	----------	------------	------------	----------------

**South Coast Air Quality Management District**21865 Copley Drive, Diamond Bar, CA 91765-4182
Phone: (909)396-2336 (www.aqmd.gov)**Rule 1403 Form Notification of Demolition or Asbestos Removal**

USPS-Mail Form and Fee To:

SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641

All Others-Mail Form and Fee To:

Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065**Demolition Information:** All asbestos containing materials must be removed *prior* to any demolition activityAsbestos Removal Company Name Argus Contracting, LP Date of Asbestos Removal 07/08/2016

Check work practices to prevent, suppress and contain dust, and dust controls to be use at the demolition site

SPRAY WATER	EXIT GRATES	TARP TRUCKS/BINS	FENCE SCREENS	STONE TRUCK PADS	TIRE WASHING	SOIL STABILIZERS	OTHER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Contingency Demolition Plan: Check actions to be followed if unexpected asbestos is found during demolition or asbestos material becomes disturbed, crumbled, pulverized or reduced to powder. Disturbed/Damaged ACM requires a Procedure 5 Plan Approval prior to clean-up (See *Procedure 5 Guidelines*)

STOP WORK	NOTIFY OWNER	SECURE	STABILIZE	POST SIGNS	ISOLATE WORK AREA	SURVEY	CHARACTERIZE WASTE	OTHER
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Ordered Demolition: Attach a copy of the agency order

Agency Name _____	Phone _____	Date of Order _____
Authorizing Person _____	Title _____	Date Ordered to Begin _____

Waste Information
WASTE TRANSPORTER #1 Rainbow Environmental Services
 Address 17121 Nichols Lane
 City Huntington Beach State CA Zip 92647
WASTE STORAGE SITE Rainbow Environmental Services
 Address 17121 Nichols Lane
 City Huntington Beach State CA Zip 92647
WASTE TRANSPORTER #2 _____
 Address _____
 City _____ State _____ Zip _____

LANDFILL Frank R. Bowerman Landfill
 Address 11002 Bee Canyon Access Road
 City Irvine State CA Zip 92679
Contractor Certification: All contractors or owner/operator submitting this notification must sign this formI certify that an individual trained in the provisions of regulations AQMD *Rule 1403* and the *Asbestos NESHAP Title 40 CFR Part 61 Subpart M* will be on site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I hereby certify that all of the information contained herein and information submitted with this notification is true and correct.

Company Name <u>GSD Trading USA, Inc.</u>	Title of Owner/Operator <u>Project Manager</u>
Print Name of Owner/Operator <u>Michael Huber</u>	Signature of Owner/Operator <u>M. Huber</u> Date <u>08/05/2016</u>

Notification Fee: No notifications shall be considered received pursuant to *Rule 1403*, unless it is accompanied by the required payment (*Rule 301*, Table VI). Please make check payable to "SCAQMD". Fees are per notification and vary according to the **TOTAL AMOUNT** of asbestos removed or the demolition **BUILDING SIZE**. The Revision Amount fee is the difference between the new Project Size Fee category and the original Project Size Fee category (See *Fee Information*)

Project Size Fee: \$ 666.33	Fee Based on Project Size (sq ft)		Additional Fees	
Additional Fee: \$ 0.00	1,000 or less _____	\$ 50.00	<input type="checkbox"/>	Special Handling Fee _____ \$ 50.00
Total Fee Due: \$ 666.33	1,001 to 5,000 _____	\$ 100.00	<input type="checkbox"/>	Revision to Notification _____ \$ 50.00
	5,001 to 10,000 _____	\$ 100.00	<input type="checkbox"/>	Returned Check Fee _____ \$ 00.00
	10,001 to 50,000 _____	\$ 000.00	<input checked="" type="checkbox"/>	Planned Renovation _____ \$ 000.00
	50,001 to 100,000 _____	\$ 000.00	<input type="checkbox"/>	Procedure 4 or 5 Plan _____ \$ 000.00
	100,001 or more _____	\$ 000.00	<input type="checkbox"/>	Expedited 4 or 5 Plan _____ \$ 000.00

AttentionKeep Three (3) Copies of This Notification Form for your records, to post at the worksite, and to obtain a city demolition permit. See *California Health and Safety Code 19827.5* that requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909-396-2336. Forms, instructions and *Rule 1403* can be obtained from the AQMD website at <http://www.aqmd.gov>. Please mail this signed original notification form, fee, and any attachments to: For USPS: SCAQMD, PO Box 55641, Los Angeles, CA 90074-5641; For ALL OTHER: Bank of America Lockbox Services, Lockbox # 55641, 2706 Media Center Drive, Los Angeles, CA 90065. Mailing saves time, money and reduces traffic and air pollution.

Project # _____

SCAQMD

Check Number: 57011
Check Date: Aug 4, 2016
Duplicate
Check Amount: \$666.33

Item to be Paid - Description	Discount Taken	Amount Paid
08/04/16-Per Notification of Demolition or Asbestos Removal		666.33



G.S.D. TRADING U.S.A., INC.
7135 S. LAKE HOUSTON PKWY.
HOUSTON, TX 77049

CAPITAL BANK
HOUSTON, TX 77229
88-229/1130

057011

Six Hundred Sixty-Six and 33/100 Dollars

DATE	AMOUNT
Aug 4, 2016	*****\$666.33

PAY TO THE ORDER OF
SCAQMD
P.O. Box 55641
Los Angeles, CA 90074-5641



[Handwritten Signature]
AUTHORIZED SIGNATURE

Memo:

⑈057011⑈ ⑆113002296⑆ ⑈0419 200 ⑈

SCAQMD

Check Number: 57011
Check Date: Aug 4, 2016
Duplicate
Check Amount: \$666.33

Item to be Paid - Description	Discount Taken	Amount Paid
08/04/16-Per Notification of Demolition or Asbestos Removal		666.33



GSD COMPANIES

Rule 1403 Form Notification of Demolition or Asbestos Removal

Submittal Revision 1

Michael Huber

8/17/2016

Copies of required notifications, permits and authorizations consistent with "Section 01015 – General Provisions"

**South Coast Air Quality Management District**

21865 Copley Drive, Diamond Bar, CA 91765-4182

Phone: (909)396-2336 (www.aqmd.gov)

**Rule 1403 Form Notification of Demolition or Asbestos Removal****USPS-Mail Form and Fee To:**SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641**All Others-Mail Form and Fee To:**Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065

1 Fax these type of Notification Forms to (909)396-3342 and mail the originals within 48 hrs

Project Type	DEMOLITION <input checked="" type="checkbox"/>	DEMOLITION (Fire Training) <input type="checkbox"/>	ASBESTOS REMOVAL (Renovation) <input type="checkbox"/>	PLANNED RENO (Annual) <input type="checkbox"/>	1 PROCEDURE 4 PLAN <input type="checkbox"/>	1 PROCEDURE 5 PLAN <input type="checkbox"/>	Project Urgency	EMERGENCY <input type="checkbox"/>	ORDERED <input type="checkbox"/>
Notification Type	ORIGINAL <input type="checkbox"/>	1 CANCELLATION <input type="checkbox"/>	1 REVISION AMOUNT <input type="checkbox"/>	1 REVISION DATES <input checked="" type="checkbox"/>	1 REVISION OTHER <input type="checkbox"/>	Please provide original date			

Contractor Information: Notifications should be submitted by the contractor performing the project

CSLB License 100782 4 Cal OSHA REG _____ AQMD ID _____ CHECK _____ FEE _____ DATE 08/17/2016 PROJECT# _____

Company Name GSD Trading USA, Inc. List Site Supervisor(s) _____ Phone _____

Address 7135 South Lake Houston Pkwy. Michael Huber (281) 770-5425

City Houston State TX Zip 77049 Jesse Howlett (832) 808-1189

Completed by Michael Huber Phone (281) 770-5425

Site Information: Copies of this notification and the CAC asbestos survey report must be kept at the worksite during this project

Site Name AES Huntington Beach Energy LLC

Site Address 21730 Newland Street Cross Street Pacific Coast Highway

Site City Huntington Beach State CA Zip 92646 County Orange

Site Owner AES Huntington Beach Energy LLC Contact Joshua Wynia Phone (714) 227-9994

Owner Address 21730 Newland Street City Huntington Beach State CA Zip 92646

Describe Work Demolition of Unit 5 Peaker & Gas Compressor Bldg., and East Fuel Oil & Distillate Oil Tanks

Describe Work Location(s) Unit 5 Peaker & Gas Compressor Bldg., and East Fuel Oil & Distillate Oil Tanks

Demolition Project Start Date 08/29/2016 Demolition Project End Date 12/23/2016 Project Work Shift Day Swing Night

²BUILDING SIZE in sq ft 15160.00 Number of Floors 2 Building Age (Years) 58 Number of Buildings or Dwelling Units 2

Building Prior/ Present Use SCHOOL HOSPITAL CONDO/APT PUBLIC BLDG. INDUSTRIAL COMMERCIAL OFFICE UNI/COLLEGE HOUSE SHIP OTHER

Required Building Information ASBESTOS SURVEY? YES NO ASBESTOS FOUND? YES NO ASBESTOS REMOVED? YES NO BUILDING TO BE DEMOLISHED? YES NO

Asbestos Information: Do not provide this information in demolition notifications, see pg 2

Asbestos Amount to be Removed in sq ft

FRIABLE	CLASS I	CLASS II	² TOTAL AMOUNT
_____	_____	_____	0.00

Amount of Each Type of Asbestos in sq ft

ACOUSTIC CEILING	LINOLEUM	INSULATION	FIRE PROOFING	DUCTING	STUCCO	MASTIC	FLOOR TILES (VAT)
_____	_____	_____	_____	_____	_____	_____	_____
DRYWALL	PLASTER	TRANSITE	ROOFING	OTHER	PLEASE DESCRIBE OTHER TYPE OF ASBESTOS:		
_____	_____	_____	_____	_____	_____		

Asbestos Removal From SURFACES PIPES COMPONENTS

Asbestos Detection Procedures: Check the procedures and analytical methods used to determine the presence of asbestos in the building. See Survey Checklist
SURVEY BULK SAMPLING INSPECTION CAC ASSUMED AS ASBESTOS-PACM PLM PCM TEM **Controls:** Check the combination of Rule 1403 procedures used to control asbestos emissions. (Procedure 4 and 5 submit plans for AQMD prior approval)PROCEDURE NUMBER 1 2 3 4 5 **Emergency Asbestos Removal:** Check the sudden unexpected event and attach a letter from the person affected by the emergency explaining how this event caused unsafe conditions, equipment damage or unreasonable financial burden. For disturbed/damaged asbestos materials see Procedure 5 Guidelines.

FIRE FLOOD WATER DAMAGE EARTHQUAKE NUISANCE VANDALISM HEALTH/SAFETY FINANCIAL BURDEN EQUIPMENT DAMAGE OTHER

 Name of Person Declaring/ Authorizing the Emergency _____ Date of Emergency _____ Hour of Emergency _____
Phone _____

AQMD USE ONLY: SCREENED BY _____ RECEIVED _____ POSTMARKED _____ ENTERED BY _____ NOTIFICATION # _____

² Fees are per Notification and vary according to the ²TOTAL AMOUNT of asbestos removed or the demolition ²BUILDING SIZE

**South Coast Air Quality Management District**21865 Copley Drive, Diamond Bar, CA 91765-4182
Phone: (909)396-2336 (www.aqmd.gov)**Rule 1403 Form Notification of Demolition or Asbestos Removal****USPS-Mail Form and Fee To:**SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641**All Others-Mail Form and Fee To:**Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065**Demolition Information:** All asbestos containing materials must be removed *prior* to any demolition activityAsbestos Removal Company Name Argus Contracting, LP Date of Asbestos Removal 07/08/2016

Check work practices to prevent, suppress and contain dust, and dust controls to be use at the demolition site

SPRAY WATER EXIT GRATES TARP TRUCKS/BINS FENCE SCREENS STONE TRUCK PADS TIRE WASHING SOIL STABILIZERS OTHER _____**Contingency Demolition Plan:** Check actions to be followed if unexpected asbestos is found during demolition or asbestos material becomes disturbed, crumbled, pulverized or reduced to powder. Disturbed/Damaged ACM requires a Procedure 5 Plan Approval prior to clean-up (See Procedure 5 Guidelines)STOP WORK NOTIFY OWNER SECURE STABILIZE POST SIGNS ISOLATE WORK AREA SURVEY CHARACTERIZE WASTE OTHER _____**Ordered Demolition:** Attach a copy of the agency orderAgency Name _____ Phone _____ Date of Order _____
Authorizing Person _____ Title _____ Date Ordered to Begin _____**Waste Information**WASTE TRANSPORTER #1 Rainbow Environmental Services
Address 17121 Nichols Lane
City Huntington Beach State CA Zip 92647WASTE STORAGE SITE Rainbow Environmental Services
Address 17121 Nichols Lane
City Huntington Beach State CA Zip 92647WASTE TRANSPORTER #2 _____
Address _____
City _____ State _____ Zip _____LANDFILL Frank R. Bowerman Landfill
Address 11002 Bee Canyon Access Road
City Irvine State CA Zip 92679**Contractor Certification:** All contractors or owner/operator submitting this notification must sign this formI certify that an individual trained in the provisions of regulations AQMD Rule 1403 and the Asbestos NESHAP Title 40 CFR Part 61 Subpart M will be on site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I hereby certify that all of the information contained herein and information submitted with this notification is true and correct.Company Name GSD Trading USA, Inc. Title of Owner/Operator Project Manager
Print Name of Owner/Operator Michael Huber Signature of Owner/Operator [Signature] Date 08/17/2016**Notification Fee:** No notifications shall be considered received pursuant to Rule 1403, unless it is accompanied by the required payment (Rule 301, Table VI). Please make check payable to "SCAQMD". Fees are per notification and vary according to the **TOTAL AMOUNT** of asbestos removed or the demolition **BUILDING SIZE**. The Revision Amount fee is the difference between the new Project Size Fee category and the original Project Size Fee category (See Fee Information)

Project Size Fee:	Fee Based on Project Size (sq ft)		Additional Fees	
Additional Fee: _____	1,000 or less _____	<input type="checkbox"/>	Special Handling Fee _____	<input type="checkbox"/>
Total Fee Due: _____	1,001 to 5,000 _____	<input type="checkbox"/>	Revision to Notification _____	<input type="checkbox"/>
	5,001 to 10,000 _____	<input type="checkbox"/>	Returned Check Fee _____	<input type="checkbox"/>
	10,001 to 50,000 _____	<input type="checkbox"/>	Planned Renovation _____	<input type="checkbox"/>
	50,001 to 100,000 _____	<input type="checkbox"/>	Procedure 4 or 5 Plan _____	<input type="checkbox"/>
	100,001 or more _____	<input type="checkbox"/>	Expedited 4 or 5 Plan _____	<input type="checkbox"/>

AttentionKeep Three (3) Copies of This Notification Form for your records, to post at the worksite, and to obtain a city demolition permit. See California Health and Safety Code 19827.5 that requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909.396.2336. Forms, instructions and Rule 1403 can be obtained from the AQMD website at <http://www.aqmd.gov>. Please mail this signed original notification form, fee, and any attachments to: For USPS: SCAQMD, PO Box 55641, Los Angeles, CA 90074-5641; For ALL OTHERS: Bank of America Lockbox Services, Lockbox # 55641, 2706 Media Center Drive, Los Angeles, CA 90065. Mailing saves time, money and reduces traffic and air pollution.

Project # _____

You are logged-in as: **Josh Wynia - AES Huntington Beach Energy.**
If this account does not belong to you, please log out.

Navigate To:

Certification

The application is organized into different tabs. Please complete all applicable tabs before submitting the form. If you want to complete the application at a later time, please click on "Save & Exit".

WDID:	8 30C377093	Owner/Operator:	AES Huntington Beach Energy	Certified Date:	08/02/2016
Application ID:	472116		21730 Newland st Huntington Beach CA 92646	Processed Date:	08/04/2016
Status:	Active	Site/Facility:	AES Huntington Beach	NOT Effective Date:	
Previous ID:	-		21730 Newland St Huntington Beach CA 92646	Permit Type:	Construction - NOI

- [Owner Info](#)
- [Developer Info](#)
- [Site Info](#)
- [Risk](#)
- [Addtl Site Info](#)
- [Post Construction](#)
- [Billing Info](#)
- [Attachments](#)
- [Certification](#)
- [Requirements](#)
- [Inspections](#)
- [Print](#)
- [Status History](#)
- [Linked Users](#)
- [NOTs](#)
- [COIs](#)

The application was successfully received by the State Water Resources Control Board.

SWRCB Application No.	SA472116
Permit Type:	Construction
Submission/Certify Date	08/02/2016
Certifier Name	Josh Wynia
Certifier Title	Project Director

Please print out this screen as proof of certification. The confirmation details was also email to the address on file

[Download Copy of Record](#)

Fields marked with * are mandatory fields.

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512



August 10, 2016

Stephen O’Kane
Manager, Sustainability, and
Regulatory Compliance
AES Huntington Beach, LLC
2173 Newland Street
Huntington Beach, CA. 92546

**SUBJECT: HUNTINGTON BEACH ENERGY PROJECT 12-AFC-2C
LIMITED NOTICE TO PROCEED FOR DEMOLITION ACTIVITIES**

Dear Mr. O’Kane:

The California Energy Commission (Energy Commission) staff has finished its review of the pre-construction requirements for the Huntington Beach Energy Project (HBEP) (12-AFC-2C), and is issuing this limited notice to proceed as authorized by the November 2014 Final Decision (Decision) for the HBEP. Staff has determined that deconstruction activities associated with the demolition of the Huntington Beach Generating Station (HBGS) may commence. All demolition activities shall be carried out in accordance with the MOU between the Energy Commission and NV5, finalized on September 28, 2015, and shall follow all applicable state and local requirements for these activities.

The demolition activities that may commence are discussed below:

- Demolition of the remaining portions of the decommissioned HBGS Unit 5 Peaker building, including foundations, building, and small auxiliary mechanical and electrical equipment associated with the Unit 5 Peaker;
- Removal of the east fuel oil tank and the jet propulsion fuel (JP4) storage tank;
- Removal of the fuel storage tanks per the requirements of the Department of Toxic Substances Control (DTSC) Removal Action; and
- Demolishing of the containment berms surrounding the tank area and rough grading to a flat surface. Excess fill material will be stockpiled on site and used at a later time during construction of portions of the Huntington Beach Energy Project.

August 5, 2016

Review of pre-construction submittals associated with the construction of the HBEP will not occur until after Energy Commission proceeding concerning the Petition to Amend the HBEP has been completed, which is anticipated the 2nd Quarter of 2017. A full notice to proceed for all other activities will be issued when remaining pre-construction condition of certification submittals are approved, as required by the conditions of certification. The Energy Commission staff will continue to work closely with AES to ensure conformance with all conditions of certification as written in the Decision. Lack of conformance with any of the conditions of certification may result in suspension of demolition activities.

If you have any questions, please call me at (916) 654-4295 or e-mail me at eric.veerkamp@energy.ca.gov.

Sincerely,

Eric W. Veerkamp, Compliance Project
Manager

cc: Tracy Powell, Compliance Manager, AES Southland
Kevin Wedman, Contract Building Official, NV5
Christine Root, Office Manager, California Energy Commission
Kevin Bell, Senior Staff Council, California Energy Commission
Sene Viola, Documents Control Manager



GSD COMPANIES

Cal OSHA Permit

Submittal Revision 0

Michael Huber

8/22/2016

PROJECT PERMIT

Permit Issued To

(Insert Employer's Name, Address and Telephone No.)

GSD Companies
 7135 S. LAKE HOUSTON PKWY.
 HOUSTON, TX 77049

 (281) 770 - 5425

No. _____
 Date 8/22/16
 Region 3
 District 1
 Tel. (714) 558-4451

Type of Permit SINGLE PROJECT D3-DEMOLITION

Pursuant to Labor Code Sections 6500 and 6502, this Permit is issued to the above-named employer for the projects described below.

State Contractor's License Number		1007824	Permit Valid through		1/30/17
Description of Project	Location Address		Anticipated Dates		
			Starting	Completion	
AES Huntington Beach Energy, LLC Unit 5 Peaker (33 ft), East Fuel Oil Tank, compressor building and a 65 ft stack demolition	21730 Newland St.	<u>City</u> Huntington Beach <u>County</u> Orange	8/23/16	1/30/17	

This Permit is issued upon the following conditions:

1. That the work is performed by the same employer. If this is an annual permit the appropriate District Office shall be notified, in writing, of dates and location of job site prior to commencement.
2. The employer will comply with all occupational safety and health standards or orders applicable to the above projects, and any other lawful orders of the Division.
3. That if any unforeseen condition causes deviation from the plans or statements contained in the Permit Application Form the employer will notify the Division immediately.
4. Any variation from the specification and assertions of the Permit Application Form or violation of safety orders may be cause to revoke the permit.
5. This permit shall be posted at or near each place of employment as provided in 8 CCR 341.4

Received From Michael Huber	RECEIVED BY C.H.	
<input type="checkbox"/> Cash	Amount	Date
<input checked="" type="checkbox"/> Check <small>20686807765</small>	\$50.00	8/22/16

Investigated by Christa Herrman 8/22/16
 Safety Engineer Date

Approved by [Signature] 8/22/16
 District Manager Date

Appendix M
Complaints, Notices of Violations,
Warnings and Citations

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

Date	Time	First Name	Last Name	Phone Number	Address	City/State/ZIP	Email	Inquiry	Complaint?	Noise?	Status	Response Date	Response Time	Response	Responder*
8/6/2016	7:06 PM	No Name	No Name	Not provided	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	N/A	N/A	None	N/A
8/10/2016	7:21 PM	No Name	No Name	Not provided	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	N/A	N/A	None	N/A
8/28/2016	7:39 AM	No Name	No Name	Not provided	Not provided	Not provided	Not provided	No voice message left.	No	No	Closed	N/A	N/A	None	N/A

*Responders listed by initials:

N/A: Not Applicable