

**DOCKETED**

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<b>Organization:</b>	Carlsbad Energy Center LLC
<b>Submitter Role:</b>	Applicant
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October 9, 2020

Mr. Anwar Ali, PhD  
Compliance Project Manager  
Amended Carlsbad Energy Center Project (07-AFC-06C)  
California Energy Commission  
1516 Ninth Street (MS-2000)  
Sacramento, CA 95814

**RE: AMENDED CARLSBAD ENERGY CENTER PROJECT, DOCKET NO. 07-AFC-06C, DEMOLITION OF ENCINA POWER STATION  
CONDITION OF CERTIFICATION, COM-6  
SEPTEMBER 2020, MONTHLY COMPLIANCE REPORT**

Dear Dr. Ali:

Cabrillo I LLC ("Project Owner") submits the September 2020 Monthly Compliance Report (MCR) in compliance with the AFC Docket No. 07-AFC-06C, Conditions of Certification (COCs) COM-6 for the Amended Carlsbad Energy Center Project (ACECP) located at 4600 Carlsbad Boulevard, Carlsbad, California.

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended on March 20, 2020. Demolition activities recommenced during the week of July 6-10, 2020. Demolition activities involving asbestos abatement, physical removal of numerous facility structures and equipment, mobilization of equipment to support the demolition of the stack chimney, and additional staff mobilization occurred during the month of September 2020.

Biological surveys and construction storm water inspections were conducted in September 2020.

If you have any questions or comments, please do not hesitate to contact me at (760) 930-1505.

Sincerely,

A handwritten signature in black ink, appearing to read "George L. Piantka".

George L. Piantka, PE  
Sr. Director, Regulatory Environmental Services  
NRG Energy, Inc.

Attached: Amended Carlsbad Energy Center Project (07-AFC-06C), California Energy Commission, Monthly Compliance Report, September 2020

cc: File



**Amended Carlsbad  
Energy Center Project  
Encina Power Station  
Demolition  
(07-AFC-06C)  
California Energy Commission  
Monthly Compliance Report  
COM-6**

**September 2020**

***Submitted by: Cabrillo Power I LLC***

***Date Submitted: 10-09-2020***

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- Attachment A: COMPLIANCE-5 and COMPLIANCE-6: Key Events Schedule and Compliance Matrix – September 2020
- Attachment B: COMPLIANCE-6: Project Schedule, September 2020
- Attachment C: AQ-SC3: Air Quality Construction Compliance Summary, September 2020
- Attachment D: BIO-6: Phase II Biological Resources Monthly Compliance Report
- Attachment E: CUL-5 and PAL-5: Certification of Completion, Worker Environmental Awareness Program
- Attachment F: CUL-6/PAL-6: Paleontological Resource Monitoring
- Attachment G: COMPLIANCE-6: Noise Hotline Calls, September 2020
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- Attachment L: GEN-2 and TSE-1: Master Drawing List Update
- Attachment M: GEN-3: Proof of DCBO Payment
- Attachment N: CIVIL-1, GEN-6, MECH-1: DCBO Plan Approvals and Mechanical Inspections
- Attachment O: WORKER SAFETY-3: Construction Safety Supervisor Monthly Report
- Attachment P: WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report
- Attachment Q: CIVIL-3 and STRUC-2: Non-Conformance Report Log
- Attachment R: COM-13: Incident Reporting Requirements

## **I. Summary**

This Monthly Compliance Report (MCR) focuses on Phase IV of the Amended Carlsbad Energy Center Project (i.e., demolition of Encina Power Station) as Phases I-III - pre-construction and construction/operations phases of ACECP and decommissioning of Encina Power Station - have been completed. MCRs documenting those phases of work can be found in Compliance Proceedings for the Carlsbad Energy Center Project (docket number 07-AFC-06C).

### **a. Demolition Status**

Phase III (decommissioning) activities began December 11, 2018 with the retirement of the Encina Power Station; decommissioning was completed by Cabrillo Power I LLC (owner of Encina Power Station) in October 2019. The Project Owner completed all compliance activities and COC submittals necessary to achieve Phase IV, Start of Demolition, in September 2019. Demolition preparation was conducted September 2019 through January 2020; abatement and demolition began on January 29, 2020.

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended from March 20, 2020 until July 5, 2020. Demolition-related equipment and materials were placed in a safe-condition and storm water best management practices were confirmed by on-site personnel during the suspension of demolition activities.

Demolition activities recommenced during the week of July 6-10, 2020 with limited remobilization during which staff were re-orientated to the site and the scope of work, and safety trained.

Full-scale demolition activities and additional staff remobilization occurred during the month of September 2020. Demolition activities involving asbestos abatement, physical removal of numerous facility structures and equipment, mobilization of equipment to support the demolition of the stack chimney, and additional staff mobilization occurred during the month of September 2020.

Currently, an OSHA recordable injury was reported by the demolition contractor due to a knee-strain sustained by one of its

employees. However, the injury and classification of the injury may be downgraded to a First-Aid injury based on pending investigation with an orthopedic specialist. The report detailing the circumstances and current classification of this incident is found in the Incident Investigation Report with Attachment O.

**b. Revised/Updated Schedule**

Per COC COM-5, the Compliance Matrix and COC deliverables are provided in **Attachment A**. **Attachment B** provides a schedule of project milestones for demolition, remediation, and construction.

**c. Explanation of Significant Permitting Activities and Changes to Schedule (as applicable)**

Neither significant permitting activities nor changes to schedule have occurred since the CEC's approval of ACECP in 2015.

The updated project schedule is provided in **Attachment B**.

**II. List of documents submitted to meet specific conditions**

- a. AQ-SC2: Air Quality Demolition Mitigation Plan
- b. AQ-SC3: Construction Fugitive Dust Control - Air Quality Compliance Monthly Report.
- c. AQ-SC4: Dust Plume Response Requirement - Air Quality Compliance Monthly Report.
- d. AQ-SC5: Diesel-Fueled Engine Control – Air Quality Compliance Monthly Report.
- e. GEN-1: CBO Notice
- f. NOISE-1: Community Mailer and Noise Complaint Hotline Number
- g. NOISE-3: Noise Control Program
- h. SOIL&WATER-2: Non-Potable Construction Water Use Plan
  - i. SOIL&WATER-2&6: Construction water usage summary.
- i. SOIL&WATER-4&9: SDRWQCB email dated 11/22/2019
- j. SOIL&WATER-9: Wastewater disposal summary
- k. TRANS-1: Demolition Traffic Control Plan
- l. TRANS-7: Demolition Parking and Staging Plan
- m. WASTE-5: Demolition Waste Management Plan
- n. WORKER SAFETY-1: Demolition Safety and Health Program



- o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
- p. WORKER SAFETY-4: CBO Safety Monitor monthly report
- q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5<sup>th</sup> Revision Notice)
- r. COM-13: Incident Reporting Requirements

### **III. Updated Compliance Matrices**

The Compliance Matrix updated to reflect the Amended CECP is included in **Attachment A**.

### **IV. List of conditions satisfied during reporting period including reference to actions which satisfied certification**

Air Quality: AQ-SC3, AQ-SC4, and AQ-SC5 - Air Quality Construction Compliance inspections and report. See **Attachment C**.

Biological Resources: BIO-5, BIO-6, BIO-7, and BIO-8 – Biological Resources Compliance inspections and report. See **Attachment D**.

COM-11/NOISE-1: Noise hotline log and complaint resolution process. See **Attachment G**. *No Noise Hotline calls in September 2020*

WORKER SAFETY-3: Construction Safety Supervisor Monthly Report. See **Attachment O**.

WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report. See **Attachment P**.  
*Not conducted in September 2020*

COM-13: Incident Reporting Requirements. See **Attachment R**.

### **V. List of submittal deadlines missed during reporting period including explanation and estimate of when information will be provided**

None

### **VI. Cumulative list of approved changes to conditions of certification**

The California Energy Commission approved changes to the COCs on August 3, 2015. An updated compliance matrix with amended COCs for demolition is provided in **Attachment A**.

## **VII. List of any filings with, or permits issued by, other governmental agencies during the month**

None

## **VIII. Project compliance activities over next two months including changes to schedule**

The Project Owner will make the following compliance filings, as needed, over the next two months:

- a. AQ-SC1: Air Quality Construction Mitigation Manager (AQCMM) will implement the monitoring and reporting requirements of AQ-SC2, AQ-SC3, AQ-SC4, and AQ-SC5.
- b. BIO-5: Worker Environmental Awareness Plan training (*if required*)
- c. BIO-6: Monitoring and reporting as required per the BRMIMP.
- d. COMPLIANCE-6: Submit Monthly Compliance Reports.
- e. SOIL&WATER-2: Water usage summary.
- f. TRANS-5: Inspection reports on roadway conditions. (*if required*)
- g. TRANS-6: Provide summary of overweight or oversized vehicle permits as needed. (*if required*)
- h. TRANS-8: Provide a summary of encroachment permits obtained or utilized during the reporting month. (*if required*)
- i. WASTE-1: Submit correspondence with San Diego County Department of Environmental Health as needed.
- j. WORKER SAFETY-5: As needed worker training on Automated External Defibrillator (AED) locations.
- k. COM-13: Incidents requiring notifications and reporting will be submitted to CPM

## **IX. Additions to on-site compliance file**

Files are maintained onsite on a regular basis as COCs are implemented.

## **X. List of complaints, notices of violation, official warnings, citations received during month, description**

**of resolutions of any resolved complaints and status  
of any unresolved complaints**

No violations, official warnings, or citations related to the demolition of the Encina Power Station were received in September 2020. A summary table of calls logged and responded to will be included, as applicable, in **Attachment G**.

**ATTACHMENT A**

**COMPLIANCE-5 AND COMPLIANCE-6  
KEY EVENTS AND COMPLIANCE MATRIX  
SEPTEMBER 2020**

**CEC CONDITIONS OF CERTIFICATION**

TECHINAL NAME	COC Number	Subtask	Condition Type	Deliverable Req.	Description	Comments	Date Submitted	Dated Approved by CEC
AQ-SC	1		Air Quality Manager	Y	<b>Air Quality Construction/Demolition Mitigation Manager (AQCM):</b> The project owner shall designate and retain an on-site AQCM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction/demolition. The on-site AQCM may delegate responsibilities to one or more AQCM Delegates. The AQCM and AQCM Delegates shall have full access to all areas of construction on the project site and linear facilities and shall have the authority to stop any or all construction/demolition activities as warranted by applicable construction/demolition mitigation conditions. The AQCM and AQCM Delegates may have other responsibilities in addition to those described in this condition. The AQCM shall not be terminated without written consent of the Compliance Project Manager (CPM).		8/26/2019	9/20/2019
AQ-SC	2		Air Quality Plan	Y	Air Quality Construction/Demolition Mitigation Plan (AQCMP): The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5.	Submitted to CEC on 10/16/19. Resubmitted with updates per CEC request 12/28/19. Docketed by CEC on 1/2/2020	10/16/2019, resubmitted 12/28/19	1/2/2020
AQ-SC	3	a	Air Quality Plan	Y	Construction Fugitive Dust Control: The AQCM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. A. All unpaved roads and disturbed areas in the project and laydown construction/demolition sites shall be watered as frequently as necessary to comply with the dust mitigation objectives of AQ-SC4. The frequency of watering may be reduced or eliminated during periods of precipitation. B. No vehicle shall exceed 10 miles per hour on unpaved areas within the project and laydown construction/demolition sites. C. The construction/demolition site entrances shall be posted with visible speed limit signs. D. All construction/demolition equipment vehicle tires shall be inspected and washed as necessary to be cleaned and free of dirt prior to entering paved roadways. E. Gravel ramps of at least 20 feet in length must be provided at the tire washing/cleaning station. F. All unpaved exits from the construction/demolition site shall be graveled or treated to prevent track-out to public roadways. G. All construction/demolition vehicles shall enter the construction/demolition site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. H. Construction/demolition areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent runoff to roadways. I. All paved roads within the construction/demolition site shall be swept at least twice daily (or less during periods of precipitation) on days when construction/demolition activity occurs to prevent the accumulation of dirt and debris. J. At least the first 500 feet of any public roadway exiting the construction/demolition site shall be swept visually clean, using wet sweepers or air filtered dry vacuum sweepers, at least twice daily (or less during periods of precipitation) on days when construction/demolition activity occurs or on any other day when dirt or runoff from the construction/demolition site is visible on the public roadways.	included with AQ-SC2		
AQ-SC	3	b	Air Quality Plan		K. All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered or shall be treated with appropriate dust suppressant compounds. L. All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard. M. Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction/demolition areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation. N. Disturbed areas will be re-vegetated as soon as practical. O. Haul trucks used during the Encina Power Station demolition shall be limited to traveling on paved or graveled surfaces at all times within the boundary of the Encina Power Station property. The fugitive dust requirements listed in this condition may be replaced with as stringent or more stringent methods as required by SDAPCD Rule 55.	included with AQ-SC2		
AQ-SC	4	a	Air Quality Plan	N	Dust Plume Response Requirement: The AQCM or Delegate shall monitor all construction/demolition activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner, or (4) within 50 feet upwind of the I-5 freeway indicate that existing mitigation measures are not resulting in effective mitigation. The AQCM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes, other than those occurring upwind of the I-5 Freeway, are observed: Step 1: The AQCM or Delegate shall direct more intensive application of the existing mitigation methods within 15 minutes of making such a determination. Step 2: The AQCM or Delegate shall direct implementation of additional methods of dust suppression if Step 1 specified above fails to result in adequate mitigation within 30 minutes of the original determination. Step 3: The AQCM or Delegate shall direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation within one hour of the original determination. The activity shall not restart until the AQCM or Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shut-down source. The owner/operator may appeal to the CPM any directive from the AQCM or Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.	included with AQ-SC2		

**CEC CONDITIONS OF CERTIFICATION**

<b>AQ-SC</b>	<b>4</b>	<b>b</b>	Air Quality Plan		The AQCMM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes occurring within 50 feet upwind of the I-5 Freeway are observed: Step 1: The AQCMM or Delegate shall immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on the I-5 freeway. The AQCMM or Delegate shall direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of the I-5 freeway but are not causing obscuration of visibility to drivers. Step 2: The AQCMM or Delegate shall direct implementation of additional methods of dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: The AQCMM or Delegate shall direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. The activity shall not restart until the AQCMM or Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on the I-5 Freeway will not occur upon restarting the shut-down fugitive dust source.			
<b>AQ-SC</b>	<b>5</b>	<b>a</b>	Air Quality Plan	Y	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the Monthly Compliance Report, a construction/demolition mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction/demolition-related emissions. The following off-road diesel construction/demolition equipment mitigation measures shall be included in the Air Quality Construction Mitigation Plan (AQCMP) required by AQ-SC2, and any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval. a) All diesel-fueled engines used in the construction/demolition of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. b) All construction/demolition diesel engines with a rating of 50 hp or higher shall meet, at a minimum, the Tier 4 or 4i California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1), unless a good faith effort to the satisfaction of the CPM that is certified by the on-site AQCMM demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 4 or 4i engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 3 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NOx) and diesel particulate matter (DPM) to no more than Tier 3 levels unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. For purposes of this condition, the use of such devices is "not practical" for the following, as well as other, reasons: 1. There is no available retrofit control device that has been verified by either the California Air Resources Board or U.S. Environmental Protection Agency to control the engine in question to Tier 3 equivalent emission levels and the highest level of available control using retrofit or Tier 2 engines is being used for the engine in question; or 2. The construction/demolition equipment is intended to be on site for ten working days or less. 3. The CPM may grant relief from this requirement if the AQCMM can demonstrate a good faith effort to comply with this requirement and that compliance is not practical.	<b>included with AQ-SC2</b>		
<b>AQ-SC</b>	<b>5</b>	<b>b</b>	Air Quality Plan		c) The use of a retrofit control device may be terminated immediately, provided that the CPM is informed within ten working days of the termination and that a replacement for the equipment item in question meeting the controls required in item "b" occurs within ten days of termination of the use, if the equipment would be needed to continue working at this site for more than 15 days after the use of the retrofit control device is terminated, if one of the following conditions exists: 1. The use of the retrofit control device is excessively reducing the normal availability of the construction/demolition equipment due to increased down time for maintenance, and/or reduced power output due to an excessive increase in back pressure. 2. The retrofit control device is causing or is reasonably expected to cause engine damage. 3. The retrofit control device is causing or is reasonably expected to cause a substantial risk to workers or the public. 4. Any other seriously detrimental cause which has the approval of the CPM prior to implementation of the termination. d) All heavy earth-moving equipment and heavy duty construction/demolition-related trucks with engines meeting the requirements of (b) above shall be properly maintained and the engines tuned to the engine manufacturer's specifications. e) All diesel heavy construction/demolition equipment shall not idle for more than five minutes. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. f) Construction/demolition equipment will employ electric motors when feasible.			
<b>AQ-SC</b>	<b>12</b>		MCR	Y	The project owner shall not allow the overlap of specific construction and demolition phase activities. The following activities shall not be conducted concurrently with any of the other listed activities: 1. ASTs 5, 6, and 7 demolition (licensed CECP activity) 2. ASTs 1, 2, and 4 demolition and berm removal (PTR described activities). 3. Amended CECP construction (PTA described activities). 4. EPS demolition (PTA and Encina Power Station Demolition Plan described activities). In addition, the gas turbines initial commissioning activity and the EPS demolition activity shall not be performed concurrently.	<b>N/A</b>		
<b>AQ-SC</b>	<b>13</b>		MCR	Y	The project owner shall not implode or fell any concrete or mortar structure, such as the main exhaust stack or the power plant building, during the demolition of the Encina Power Station.			

**CEC CONDITIONS OF CERTIFICATION**

GEN	1	c	CBO	N	<p>The project owner shall design, construct, and inspect the project in accordance with the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California 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 laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (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). The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility, including the demolition of above-ground fuel oil storage tanks 1, 2, and 4 (ASTs 1, 2, and 4), and the demolition of the Encina Power Station (EPS) (2013 CBC, Appendix Chapter 1, §1.1.3, Scope). All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this document.</p> <p>In the event that the initial engineering designs are submitted to the CBO when the successor to the 2013 CBSC is in effect, the 2013 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern.</p> <p>The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.</p>	<p>Comments Received from CBO on Execution Plan on 12/4/19 Comments returned to CBO on 1-9-20. CBO approved on 1/22/2020</p>	01/09/2020	1/22/2020
HAZ	7		Security Plan	Y	<p>Prior to commencing tank demolition, a site-specific Demolition and Construction Site Security Plan for the tank demolition and construction phases shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following:</p> <ol style="list-style-type: none"> <li>1. perimeter security consisting of fencing enclosing the demolition and construction areas;</li> <li>2. security guards;</li> <li>3. site access control consisting of a check-in procedure or tag system for demolition and construction personnel and visitors;</li> <li>4. written standard procedures for employees, contractors, and vendors when encountering suspicious objects or packages on-site or off-site;</li> <li>5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency; and</li> <li>6. evacuation procedures.</li> </ol>	Submitted to CEC	11/6/2019	11/19/2019
NOISE	1		Notice	Y	<p>At least 15 days prior to the start of any demolition activities associated with the amended CECP, the project owner shall notify the city of Carlsbad and all residents within one-half mile of the site, by mail or other effective means, of the commencement of project demolition and construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the demolition, construction, and operation of the amended CECP and include that telephone number in the above notice. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year, and all subsequent demolition activities at the Encina Power Station have been completed.</p>	Noise Notification has been completed and mailers sent out to public/residents within one mile on 9/23. Notice sent to CEC on 9/25/19	9/25/2019	12/18/2019
NOISE COMPLIANCE	1 11		Hot Line Response	Y	<p>Throughout the demolition of above-ground fuel oil storage tanks 1, 2, 4, 5, 6, and 7 (ASTs 1, 2, 4, 5, 6, and 7), construction and operation of the amended CECP, and demolition of the Encina Power Station the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The project owner or authorized agent shall:</p> <ul style="list-style-type: none"> <li>• Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint;</li> <li>• Attempt to contact the person(s) making the noise complaint within 24 hours (within 12 hours if the complaint is related to nighttime concrete pour);</li> <li>• Conduct an investigation to determine the source of noise related to the complaint;</li> <li>• Take all feasible measures to reduce the noise at its source if the noise is project related; and</li> <li>• Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction.</li> </ul>	Hot Line Established	8/13/2019	10/2/2019
NOISE	3		Letter	Y	<p>The project owner shall submit to the CPM for review and approval a noise control program and a statement, signed by the project owner's project manager, verifying that the noise control program will be implemented throughout the demolition of ASTs 5, 6, and 7, and construction and demolition activities associated with of the amended CECP. The noise control program shall be used to reduce employee exposure to high noise levels during demolition and construction in accordance with Title 8, California Code of Regulations, sections 5095-5099, and Title 29, Code of Federal Regulations, section 1910.95</p>	Prepared, submitted to CEC, and approved on 10/2/19	8/26/2019	10/3/2019



**CEC CONDITIONS OF CERTIFICATION**

NOISE	6		Letter	Y	Noisy construction work relating to any project features shall be restricted to the times of day delineated below:  Weekdays 7:00 a.m. to 6:00 p.m. Saturdays 8:00 a.m. to 6:00 p.m.  Haul trucks and other engine-powered equipment shall be equipped with mufflers that meet all applicable regulations. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies. For purposes of this condition, "noisy construction work" shall be defined as any project-related work that draws a noise complaint caused by the construction or demolition activities associated with the CECP, as opposed to another source, as verified by the CPM, pursuant to NOISE-2.			
SOIL&WATER	2	a	Plan	Y	Potable water shall not be used for any construction activity, including EPS demolition activities, that is suitable for non-potable water use if a non-potable water source is available at the project site. Prior to site mobilization, the project owner shall submit to the CPM a Non-Potable Construction Water Use Plan (plan) for the supply and use of non-potable water in construction activities. The plan shall consider the use of recycled water available at the site. The plan shall specify those construction activities that would use non-potable water and those construction activities that would use potable water. Potable water use for EPS demolition activities that are suitable for non-potable water shall count toward the cumulative total limit, in accordance with SOIL&WATER-6.	10/11/19 - NRG response submitted to CEC. Status request from CEC sent 11/12/19	10/11/2019	12/18/2019
SOIL&WATER	2	b	MCR	Y				
SOIL&WATER	4	a	Permit	Y	The project owner shall submit to the San Diego Regional Water Quality Control Board (SDRWQCB) all information required by the SDRWQCB to obtain a Waste Discharge Requirements (WDR) Order for the discharge of EPS demolition wastewater to the Pacific Ocean in accordance with NPDES requirements. The project owner shall submit to the CPM all copies of correspondence between the project owner and the SDRWQCB regarding the WDR Order within 10 days of its receipt or submittal.	SDRWQCB concurrence request for use of existing Industrial Permit and Storm Water Permit submitted 10/31/19. NRG submitted email to CEC from SDRWQCB in regards to permits on 11/22/2019.	11/22/2019	11/27/2019
SOIL&WATER	6	a	Water Use	Y	During normal operation the project shall use no more than three acre-feet per year (AFY) of potable water for drinking, sanitary, and fire protection testing purposes. The project shall use recycled water for all industrial and landscape irrigation purposes during operation of the CECP, unless potable water is needed for emergency backup use. For the purpose of this condition, the term emergency shall mean the inability of the CECP to take, or for the city of Carlsbad to deliver, recycled water to the CECP in a quantity sufficient to meet CECP demand due to Acts of God, natural disaster, and other circumstances beyond the control of the project owner, including interruption of recycled water service and it is necessary for the CECP to prepare to or continue to operate to serve a peaking load. If more than 3AFY of potable water is needed during operation for non-emergency uses, the owner shall be required to file a formal petition to amend the project. If the CECP requires potable water for EPS demolition and emergencies that will cumulatively exceed 300 acre-feet, during the life of the project, the project owner shall file a petition to amend. All emergency water use shall be reported in annual compliance reports. Reported values shall include			
SOIL&WATER	6	b	Reporting	Y				
SOIL&WATER	9	a	Permit Reporting	Y	Prior to transport and disposal of any facility construction or demolition-related wastewaters offsite, the project owner shall test and classify the stored wastewater to determine proper management and disposal requirements. The project owner shall provide evidence that wastewater is disposed of at an appropriately licensed facility. The project owner shall ensure that the wastewater is transported and disposed of in accordance with the wastewater's characteristics and classification and all applicable LORS (including any CCR Title 22 Hazardous Waste and Title 23 Waste Discharges to Land requirements). Where discharge of wastewater must comply with the San Diego Regional Water Quality Control Board (SDRWQCB) and State Water Resources Control Board regulatory requirements, the project owner shall submit a Report of Waste Discharge (ROWD) to the compliance project manager (CPM) and SDRWQCB for determination of which regulatory waiver or permit applies to the proposed discharges. The project owner shall pay all necessary fees for filing and review of the ROWD and all other related fees. Checks for such fees shall be submitted to the SDRWQCB and shall be payable to the State Water Resources Control Board. The project owner shall ensure compliance with the provisions of the waiver or permit applicable to the discharge. Where the regulatory requirements are not applied pursuant to a National Pollutant Discharge Elimination System permit, it is the Commission's intent that the requirements of the applicable waiver or permit be enforceable by both the Commission and the SDRWQCB. In furtherance of that objective, the Commission hereby delegates the enforcement of the waiver or permit requirements, and associated monitoring, inspection, and annual fee collection authority, to the SDRWQCB. The CPM and SDRWQCB shall confer with each other and coordinate, as needed, in the enforcement of the requirements.	ROWD not needed as existing permits (Encina industrial NPDES permit and Construction General NPDES Permit for stormwater discharges) will be used to confirm compliance with COC. NRG submitted email to CEC from SDRWQCB in regards to permits on 11/22/2019.	11/22/2019	11/27/2019
SOIL&WATER	9	b	MCR			Provided in MCR		

CEC CONDITIONS OF CERTIFICATION

SOIL&WATER	9	c	Permit			Permit(s) provided when obtained from SDRWQCB		
SOIL&WATER	9	d	Reporting			As needed		
TRANS	1		Permit	Y	The project owner shall consult with the City of Carlsbad and prepare and submit to the city of Carlsbad for review and comment and the Compliance Project Manager (CPM) for approval a construction/demolition traffic control plan. The plan shall be implemented during all phases of construction/demolition and shall addresses the following issues: <ul style="list-style-type: none"> <li>• timing of truck trips, including heavy equipment and building materials deliveries, especially those that would cross the railroad tracks;</li> <li>• redirecting construction and demolition traffic with a flag person at a minimum for trucks traveling eastbound on Cannon Road from the SDG&amp;E Service Gate to cross the railroad tracks;</li> <li>• signing, lighting, and traffic control device placement if required;</li> <li>• need for construction work hours and arrival/departure times outside and during peak traffic periods;</li> <li>• insurance of access for emergency vehicles to the project site;</li> <li>• temporary closure of travel lanes;</li> <li>• access to adjacent residential and commercial property during the construction of all pipelines;</li> <li>• specification of construction-related haul routes; and</li> <li>• identify safety procedures for exiting and entering the site access gate</li> </ul>		10/29/2019, Modified Plan sent 11/14/19	12/12/2019
TRANS	5	a	Reporting	Y	During and following completion of project construction and demolition, the project owner shall repair any damage to roadways affected by construction/demolition activity to pre-project road conditions or better. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of demolition and construction, the project owner shall photograph or videotape, all roadways that will be affected by pipeline construction and heavy truck traffic. The project owner shall provide the CPM and the city of Carlsbad with a copy of the images for the roadway segments under its jurisdiction. Also, prior to start of demolition and construction, the project owner shall notify the city about the schedule for project demolition/construction. The purpose of this notification is to allow the city the opportunity to postpone any planned roadway resurfacing and/or improvement projects until after the project demolition/construction has taken place and to coordinate demolition/construction-related activities associated with other projects.		9/16/2019	9/30/2019
TRANS	7		Plan	Y	During project construction/demolition, the project owner shall implement a parking and staging plan for project construction and demolition to enforce a policy that all project-related parking occurs on site or in designated off-site parking areas.		10/16/2019	10/22/2019
WASTE	5	a	Plan		The project owner shall prepare a Demolition and Construction Waste Management Plan for all wastes generated during demolition and construction of the facility and shall submit the plan to the CPM for review and approval. The plan may be submitted in two sections: Demolition activities and Construction activities. Both sections of the plan shall contain, at a minimum, the following: <ul style="list-style-type: none"> <li>• a description of all demolition and construction waste streams, including projections of frequency, amounts generated, and hazard classifications; and</li> <li>• management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans.</li> <li>• a reuse/recycling Debris Management Plan for demolition and construction materials that meets or exceeds the waste diversion goals established by the Integrated Waste Management Compliance Act (Pub. Resources Code, § 41780 et seq.) and CAL Green Title 24, California Code of Regulations, Part 11sections 4.408, 5.408, 301.1.1 and 301.3.</li> </ul>		10/16/2019	11/12/2019
WASTE	6		Permit	Y	Prior to demolition of existing structures, the project owner shall complete and submit a copy of a San Diego County Air Pollution Control District (District) Asbestos Renovation and Demolition Notification Form to the CPM and the District for review. The project owner shall remove all asbestos-containing material (ACM) from the site prior to demolition.	Final (4th) Revised Asbestos Notification Form was submitted to San Diego Air Pollution Control District and CPM for January 29, 2020 Start of Demolition of Asbestos Abatement.	1/10/2020 1/17/2020 1/21/2020 1/24/2020	1/29/2020
VIS	3	B	Screening		If necessary to provide visual screening of staging activities, equipment and materials in the short term, the project owner shall provide temporary dark-colored, opaque fencing to provide visual screening until landscape screening described above has achieved sufficient maturity to provide visual screening. Existing opaque fencing shall be maintained along the Carlsbad Boulevard frontage of the EPS for the duration of construction and demolition. The project owner shall submit to the CPM for review and approval, and simultaneously to the city of Carlsbad for review and comment, a landscaping plan whose proper implementation will satisfy these requirements. The plan shall include: a) A detailed landscape, grading, and irrigation plan, at a reasonable scale. The plan shall demonstrate how the requirements stated above shall be met. The plan shall provide a detailed installation schedule demonstrating installation of as much of the landscaping as early in the construction process as is feasible in coordination with project construction. The intent of the plan shall be to minimize loss of existing perimeter tree and shrub screening, particularly at the northeast laydown site; and to provide supplemental and replacement plantings as needed to screen staging sites.			

**CEC CONDITIONS OF CERTIFICATION**

WORKER SAFETY	1	b	Plan	Y	<p>The project owner shall submit to the Compliance Project Manager (CPM) a copy of the Project Demolition and Construction Safety and Health Program containing the following:</p> <ol style="list-style-type: none"> <li>1. a Demolition and Construction Personal Protective Equipment Program;</li> <li>2. a Demolition and Construction Exposure Monitoring Program;</li> <li>3. a Demolition and Construction Injury and Illness Prevention Program;</li> <li>4. a Demolition and Construction Emergency Action Plan; and</li> <li>5. a Demolition and Construction Fire Prevention Plan.</li> <li>6. an Encina Power Station Demolition Plan.</li> </ol> <p>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 Demolition and Construction Emergency Action Plan, the Demolition and Construction Fire Prevention Plan, and an Encina Power Station Demolition Plan shall be submitted to the Carlsbad Fire Department for review and comment prior to submittal to the CPM for approval.</p>		11/6/2019	12/11/2019
WORKER SAFETY	3	a	Supervisor	Y	<p>The project owner shall provide a site Demolition Safety Supervisor (DSS) and a Construction Safety Supervisor (CSS) who, by way of training and/or experience, is are knowledgeable of tank demolition, power plant construction activities and relevant laws, ordinances, regulations, and standards; is are capable of identifying workplace hazards relating to the demolition and/or construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The DSS or CSS shall:</p> <ol style="list-style-type: none"> <li>1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs;</li> <li>2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects;</li> <li>3. assure that all demolition, construction and commissioning workers and supervisors receive adequate safety training;</li> <li>4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents; and</li> <li>5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.</li> </ol>		10/8/2019	12/11/19 - But need to update all Federal OSHA citations with the appropriate Cal/OSHA code citations
WORKER SAFETY	4		CBO	Y	<p>The project owner shall make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. Those services 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 conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities and shall do this during the period of tank demolition/removal, construction of the CECF, and demolition/removal of the EPS.</p>		9/12/2019	10/10/2019
WORKER SAFETY	5		Training	Y	<p>The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during tank demolition, construction and operations and demolition/removal of the EPS and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times. During demolition of the tanks and the EPS, construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Demolition or Construction Project Manager or delegate, the Demolition or Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.</p>	Training held on 12/4/19. Completed AED Training.	12/5/2019	12/10/2019

Submitted to CEC  
Approved by CEC

**ATTACHMENT B**

**COMPLIANCE-6**  
**PROJECT SCHEDULE**  
**SEPTEMBER 2020**

Activity ID	Activity Name	Orig Dur	Early Start	Late Start	Early Finish	Late Finish	Float	2020												2021												2022						
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>MA0842 NRG Encina Power Station - Update 05 - 2020-09-01</b>								4/8/22, M																														
<b>Project Overview</b>								4/8/22, P																														
<b>Project Durations</b>								4/8/22, P																														
PD1000	Project Management	649	9/1/20	12/4/20	4/8/22	4/8/22	0	Project M																														
PD1010	Maintain Office and Break Bldg-Provided by NRG	649	9/1/20	12/4/20	4/8/22	4/8/22	0	Maintain																														
PD1020	Temporary Facilities	649	9/1/20	12/4/20	4/8/22	4/8/22	0	Temporary																														
PD1030	Site Safety Management	649	9/1/20	12/4/20	4/8/22	4/8/22	0	Site Safe																														
PD1040	Security Gate 3	649	9/1/20	12/4/20	4/8/22	4/8/22	0	Security C																														
PD1050	Maintain Scale	1	9/1/20	3/28/22	9/1/20	3/28/22	467	Maintain: Scale																														
<b>Preconstruction</b>								10/21/20, Preconstruction																														
PC1020	Major Demolition Equipment Mobilization	55	9/1/20	11/9/21	10/21/20	1/11/22	360	Major Demolition Equipment Mobilization																														
<b>No.6 Fuel Line Purge &amp; Removal</b>								9/1/20, No.6 Fuel Line Purge & Removal																														
PC.FL.1050	Fuel Oil Unit 4 piping removal	5	9/1/20	1/15/22	9/1/20	1/15/22	408	Fuel Oil Unit 4 piping removal																														
PC.FL.1060	Fuel Oil Unit 5 piping removal	5	9/1/20	1/15/22	9/1/20	1/15/22	408	Fuel Oil Unit 5 piping removal																														
<b>Interior Demolition</b>								12/9/20, Interior Demolition																														
<b>Unit 1 Turbine / Generator / Condenser</b>								9/22/20, Unit 1 Turbine / Generator / Condenser																														
ID.U1.1000	Shell Removal	4	9/18/20	4/23/21	9/22/20	4/27/21	174	Shell Removal																														
<b>Unit 2 Turbine / Generator / Condenser</b>								12/9/20, Unit 2 Turbine / Generator / Condenser																														
ID.U2.1000	Shell Removal	4	9/14/20	4/8/21	9/17/20	4/12/21	165	Shell Removal																														
ID.U2.1010	Prep Motor	3	11/18/20	4/13/21	11/21/20	4/15/21	113	Prep Motor																														
ID.U2.1020	Cut Rotor	2	11/21/20	4/16/21	11/24/20	4/17/21	113	Cut Rotor																														
ID.U2.1030	Consender & Tube Pre-Cut	11	11/24/20	4/19/21	12/9/20	4/30/21	113	Consender & Tube Pre-Cut																														
<b>Unit 3 Turbine / Generator / Condenser</b>								12/1/20, Unit 3 Turbine / Generator / Condenser																														
ID.U3.1000	Shell Removal	3	9/10/20	4/5/21	9/12/20	4/7/21	165	Shell Removal																														
ID.U3.1010	Prep Motor	2	10/30/20	3/25/21	11/2/20	3/26/21	113	Prep Motor																														
ID.U3.1020	Cut Rotor	2	11/2/20	3/27/21	11/4/20	3/29/21	113	Cut Rotor																														
ID.U3.1030	Consender & Tube Pre-Cut	12	11/4/20	3/30/21	11/18/20	4/12/21	113	Consender & Tube Pre-Cut																														
ID.U3.1040	Basement Floor Mounted Equipment Bolt Removal	5	11/18/20	4/30/21	11/24/20	5/5/21	128	Basement Floor Mounted Equipment Bolt Removal																														
ID.U3.1050	Heavy Piping Unit Separation	4	11/24/20	5/6/21	12/1/20	5/10/21	128	Heavy Piping Unit Separation																														
<b>Unit 4 Turbine / Generator / Condenser</b>								11/11/20, Unit 4 Turbine / Generator / Condenser																														
ID.U4.1000	Shell Removal	4	9/5/20	3/31/21	9/9/20	4/3/21	165	Shell Removal																														
ID.U4.1010	Prep Motor	3	10/6/20	3/1/21	10/9/20	3/3/21	113	Prep Motor																														
ID.U4.1020	Cut Rotor	3	10/9/20	3/4/21	10/13/20	3/6/21	113	Cut Rotor																														
ID.U4.1030	Consender & Tube Pre-Cut	15	10/13/20	3/8/21	10/30/20	3/24/21	113	Consender & Tube Pre-Cut																														
ID.U4.1040	Basement Floor Mounted Equipment Bolt Removal	6	10/30/20	4/19/21	11/6/20	4/24/21	134	Basement Floor Mounted Equipment Bolt Removal																														
ID.U4.1050	Heavy Piping Unit Separation	4	11/6/20	4/26/21	11/11/20	4/29/21	134	Heavy Piping Unit Separation																														
<b>Unit 5 Turbine / Generator / Condenser</b>								10/10/20, Unit 5 Turbine / Generator / Condenser																														
ID.U5.1000	Shell Removal	4	9/1/20	1/30/21	9/4/20	2/3/21	118	Shell Removal																														
ID.U5.1010	Prep Motor	3	9/5/20	2/4/21	9/8/20	2/6/21	118	Prep Motor																														
ID.U5.1020	Cut Rotor	3	9/9/20	2/8/21	9/11/20	2/10/21	118	Cut Rotor																														
ID.U5.1030	Consender & Tube Pre-Cut	15	9/12/20	2/11/21	9/29/20	2/27/21	118	Consender & Tube Pre-Cut																														
ID.U5.1040	Basement Floor Mounted Equipment Bolt Removal	6	9/30/20	4/7/21	10/6/20	4/13/21	150	Basement Floor Mounted Equipment Bolt Removal																														
ID.U5.1050	Heavy Piping Unit Separation	4	10/7/20	4/14/21	10/10/20	4/17/21	150	Heavy Piping Unit Separation																														
<b>Chimney Demolition</b>								9/1/20, Chimney Demolition																														
CD.1005	Stack Submittals - Review	5	9/1/20	2/15/21	9/1/20	2/15/21	131	Stack Submittals - Review																														
<b>Power Block Demolition</b>								10/6/20, Power Block Demolition																														
<b>Unit 5 - Power Block Demolition</b>								9/25/20, Unit 5 - Power Block Demolition																														
PB.U5.1000	Demo F.D. Fan Bldg. Col. 26 to 31 / H to K	4	9/9/20	4/27/21	9/12/20	4/30/21	185	Demo F.D. Fan Bldg. Col. 26 to 31 / H to K																														
PB.U5.1010	Demo Col. A to A1 / 31 to 25	4	9/22/20	5/1/21	9/25/20	5/5/21	178	Demo Col. A to A1 / 31 to 25																														
<b>Non-ACM Insulation Removal</b>								9/2/20, Non-ACM Insulation Removal																														
PB.U5.IR.1	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	2	9/1/20	4/5/21	9/2/20	4/6/21	173	Basement Fl. El. -14'0" (Col. D-G/ 26-31)																														
<b>Unit 4 - Power Block Demolition</b>								10/6/20, Unit 4 - Power Block Demolition																														
PB.U4.1000	Demo Col. A to A1 / 22 to 18	1	10/5/20	2/27/21	10/6/20	2/27/21	113	Demo Col. A to A1 / 22 to 18																														

Activity ID	Activity Name	Orig Dur	Early Start	Late Start	Early Finish	Late Finish	Float	2020												2021												2022											
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
<b>Regulated Materials Univ Waste Removal</b>								9/3/20, Regulated Materials Univ Waste Removal																																			
<b>Unit 4 - Regulated Materials Univ Waste Removal</b>								9/3/20, Unit 4 - Regulated Materials Univ Waste Removal																																			
RM.U4.1060	Platform El. 63'3" (Col. D-H/ 16-23)	1	9/1/20	3/30/21	9/1/20	3/30/21	168	Platform El. 63'3" (Col. D-H/ 16-23)																																			
RM.U4.1070	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	9/1/20	3/30/21	9/1/20	3/30/21	168	Air Heater Fl. 42'6"(Col. D-H/ 16-23)																																			
RM.U4.1080	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	9/2/20	3/31/21	9/2/20	3/31/21	168	Operating Fl. El. 34'0" (Col. D-H/ 16-23)																																			
RM.U4.1090	Bumer Platform El. 23'8" (Col. D-H/ 16-23)	1	9/2/20	3/31/21	9/2/20	3/31/21	168	Bumer Platform El. 23'8" (Col. D-H/ 16-23)																																			
RM.U4.1100	Bumer Platform El. 15'4" (Col. D-G/ 16-23)	1	9/1/20	5/17/21	9/1/20	5/17/21	209	Bumer Platform El. 15'4" (Col. D-G/ 16-23)																																			
RM.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1	9/2/20	5/18/21	9/2/20	5/18/21	209	Basement Fl. El. 0'0" (Col. G-H/ 16-23)																																			
RM.U4.1120	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	1	9/3/20	5/19/21	9/3/20	5/19/21	209	Basement Fl. El. -14'0" (Col. D-F/ 17-23)																																			
<b>Site Demolition</b>								10/29/20, Site Demolition																																			
SD.1010	South Overhead Electric Bridge Powerhouse to Control Bldg. 1/2	2	9/1/20	3/26/21	9/2/20	3/27/21	165	South Overhead Electric Bridge Powerhouse to Control Bldg. 1/2																																			
SD.1020	North Overhead Electric Bridge Powerhouse to Control Bldg. 3	2	9/3/20	6/17/21	9/4/20	6/18/21	234	North Overhead Electric Bridge Powerhouse to Control Bldg. 3																																			
SD.1030	SDG&E Piping Removal @ Switchyard Area	1	9/5/20	6/19/21	9/5/20	6/19/21	234	SDG&E Piping Removal @ Switchyard Area																																			
SD.1040	Water Tank @ Gas Turbine Peaker	3	9/7/20	6/21/21	9/9/20	6/23/21	234	Water Tank @ Gas Turbine Peaker																																			
SD.1050	Gas Turbine Peaker	10	9/3/20	4/1/21	9/14/20	4/12/21	168	Gas Turbine Peaker																																			
<b>Demolition of Various Out Buildings</b>								10/6/20, Demolition of Various Out Buildings																																			
SD.OB.1010	Upper Storage Bldg.	2	9/30/20	3/22/22	10/1/20	3/23/22	437	Upper Storage Bldg.																																			
SD.OB.1020	Upper Warehouse	4	10/2/20	3/24/22	10/6/20	3/28/22	437	Upper Warehouse																																			
SD.OB.1030	Demo Southeast Bridge to Boilerhouse	4	9/1/20	5/15/21	9/4/20	5/19/21	208	Demo Southeast Bridge to Boilerhouse																																			
<b>Control Houses</b>								10/29/20, Control Houses																																			
SD.CH.1000	Control Bldg. 1/2 Tunnel Opening	2	10/27/20	1/7/22	10/29/20	1/8/22	352	Control Bldg. 1/2 Tunnel Opening																																			
<b>Waste Water Treatment Area</b>								10/6/20, Waste Water Treatment Area																																			
WW.1000	Electrical Disconnect	10	9/1/20	3/26/21	9/11/20	4/6/21	165	Electrical Disconnect																																			
WW.1010	Utility Verification	1	9/12/20	4/7/21	9/12/20	4/7/21	165	Utility Verification																																			
WW.1020	Piping Segregation from EW Tank Piping	2	9/14/20	4/8/21	9/15/20	4/9/21	165	Piping Segregation from EW Tank Piping																																			
WW.1030	TW & LVW Tank Piping Removal	2	9/16/20	4/10/21	9/17/20	4/12/21	165	TW & LVW Tank Piping Removal																																			
WW.1040	Obsolete Piping Removal WWT to Powerhouse	4	9/18/20	3/10/22	9/22/20	3/14/22	437	Obsolete Piping Removal WWT to Powerhouse																																			
WW.1050	LVW Tank 2 Demo	4	9/18/20	4/13/21	9/22/20	4/16/21	165	LVW Tank 2 Demo																																			
WW.1060	LVW Tank 1 Demo	4	9/23/20	4/17/21	9/26/20	4/21/21	165	LVW Tank 1 Demo																																			
WW.1070	TW Tank 6 Demo	4	9/28/20	4/22/21	10/1/20	4/26/21	165	TW Tank 6 Demo																																			
WW.1080	TW Tank 5 Demo	4	10/2/20	4/27/21	10/6/20	4/30/21	165	TW Tank 5 Demo																																			
WW.1090	EW Tank 4 Demo	3	9/23/20	3/15/22	9/25/20	3/17/22	437	EW Tank 4 Demo																																			
WW.1100	EW Tank 3 Demo	3	9/26/20	3/18/22	9/29/20	3/21/22	437	EW Tank 3 Demo																																			
<b>Interior Asbestos Abatement</b>								12/9/20, Interior Asbestos Abatement																																			
IA.1000	Unit 1 Level B Abatement	10	9/1/20	2/3/21	9/11/20	2/15/21	122	Unit 1 Level B Abatement																																			
IA.1010	Unit 3 Level B Abatement	5	9/12/20	4/3/21	9/17/20	4/8/21	162	Unit 3 Level B Abatement																																			
IA.1020	Turbine 5 Shell Spray On Cut & Dispose	5	9/18/20	4/9/21	9/23/20	4/14/21	162	Turbine 5 Shell Spray On Cut & Dispose																																			
IA.1030	Turbine 4 Shell Spray On Cut & Dispose	5	9/24/20	4/15/21	9/29/20	4/20/21	162	Turbine 4 Shell Spray On Cut & Dispose																																			
IA.1040	Turbine 3 Shell Spray On Cut & Dispose	3	9/30/20	4/21/21	10/2/20	4/23/21	162	Turbine 3 Shell Spray On Cut & Dispose																																			
IA.1050	Turbine 2 Shell Spray On Cut & Dispose	3	10/3/20	4/24/21	10/6/20	4/27/21	162	Turbine 2 Shell Spray On Cut & Dispose																																			
IA.1060	Turbine 1 Shell Spray On Cut & Dispose	3	10/7/20	4/28/21	10/9/20	4/30/21	162	Turbine 1 Shell Spray On Cut & Dispose																																			
<b>Roofing Abatement</b>								12/3/20, Roofing Abatement																																			
IA.RA.1000	Boiler 4 Roof Vent Removal	2	9/5/20	6/8/21	9/7/20	6/9/21	224	Boiler 4 Roof Vent Removal																																			
IA.RA.1010	Boiler 4 Roof Flashing Removal	2	9/8/20	6/10/21	9/9/20	6/11/21	224	Boiler 4 Roof Flashing Removal																																			
IA.RA.1020	Boiler 5 Roof Vent Removal	2	9/10/20	6/12/21	9/11/20	6/14/21	224	Boiler 5 Roof Vent Removal																																			
IA.RA.1030	Boiler 5 Roof Flashing Removal	2	9/12/20	6/15/21	9/14/20	6/16/21	224	Boiler 5 Roof Flashing Removal																																			
IA.RA.1040	Turbine 1 Roof Field Removal	10	9/15/20	6/17/21	9/25/20	6/28/21	224	Turbine 1 Roof Field Removal																																			
IA.RA.1050	Boiler 3 Roof Field Removal	10	11/19/20	2/1/21	12/3/20	2/11/21	51	Boiler 3 Roof Field Removal																																			
IA.RA.1060	Turbine 2 Roof Field Removal	10	9/26/20	6/29/21	10/7/20	7/9/21	224	Turbine 2 Roof Field Removal																																			
IA.RA.1080	Turbine 4 Roof Vent Removal	2	10/8/20	7/10/21	10/9/20	7/12/21	224	Turbine 4 Roof Vent Removal																																			
IA.RA.1100	Turbine 5 Roof Vent Removal	2	10/10/20	7/13/21	10/12/20	7/14/21	224	Turbine 5 Roof Vent Removal																																			
<b>Unit 5 - Asbestos Abatement Interior</b>								9/4/20, Unit 5 - Asbestos Abatement Interior																																			
IA.U5.1000	Level 5 Control Room VAT	4	9/1/20	6/3/21	9/4/20	6/7/21	224	Level 5 Control Room VAT																																			

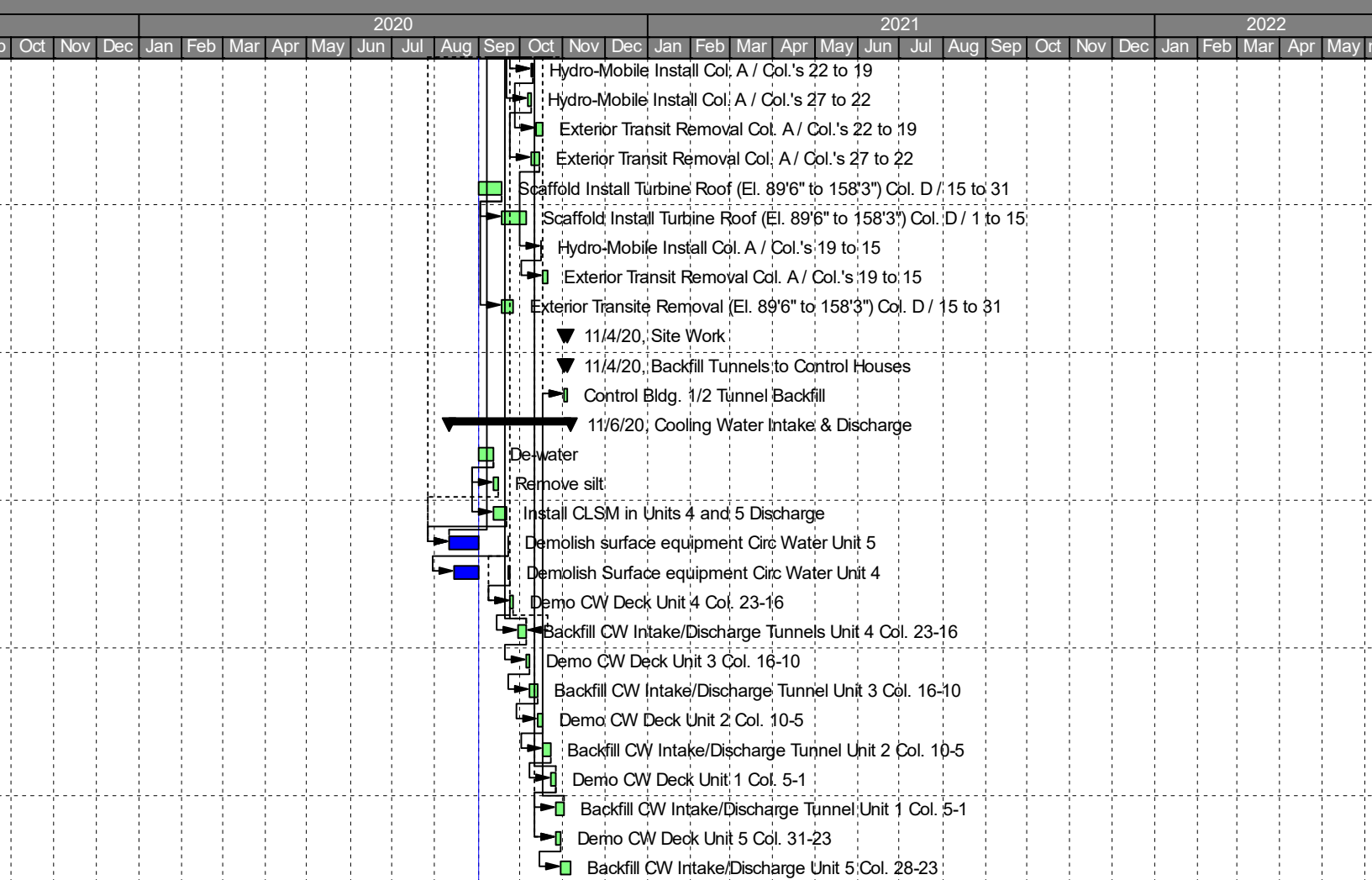








Activity ID	Activity Name	Orig Dur	Early Start	Late Start	Early Finish	Late Finish	Float	2020												2021												2022							
								Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
TR.1240	Hydro-Mobile Install Col. A / Col.'s 22 to 19	2	10/9/20	5/15/21	10/10/20	5/17/21	175																																
TR.1250	Hydro-Mobile Install Col. A / Col.'s 27 to 22	2	10/7/20	6/25/21	10/8/20	6/26/21	212																																
TR.1260	Exterior Transit Removal Col. A / Col.'s 22 to 19	6	10/12/20	5/18/21	10/17/20	5/24/21	175																																
TR.1270	Exterior Transit Removal Col. A / Col.'s 27 to 22	6	10/9/20	6/28/21	10/15/20	7/3/21	212																																
TR.1280	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 15 to 31	15	9/1/20	4/14/21	9/17/20	4/30/21	181																																
TR.1285	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 1 to 15	15	9/18/20	5/1/21	10/5/20	5/18/21	181																																
TR.1300	Hydro-Mobile Install Col. A / Col.'s 19 to 15	1	10/16/20	1/7/22	10/16/20	1/7/22	361																																
TR.1310	Exterior Transit Removal Col. A / Col.'s 19 to 15	3	10/17/20	1/8/22	10/20/20	1/11/22	361																																
TR.1350	Exterior Transite Removal (El. 89'6" to 158'3") Col. D / 15 to 31	8	9/18/20	1/3/22	9/26/20	1/11/22	381																																
<b>Site Work</b>		2	11/2/20	1/10/22	11/4/20	1/11/22	349																																
<b>Backfill Tunnels to Control Houses</b>		2	11/2/20	1/10/22	11/4/20	1/11/22	349																																
SW.1000	Control Bldg. 1/2 Tunnel Backfill	2	11/2/20	1/10/22	11/4/20	1/11/22	349																																
<b>Cooling Water Intake &amp; Discharge</b>		57	9/1/20	1/23/21	11/6/20	1/8/22	345																																
CW.1010	De-water	10	9/1/20	1/23/21	9/11/20	2/4/21	113																																
CW.1030	Remove silt	3	9/12/20	2/10/21	9/15/20	2/13/21	118																																
CW.1040	Install CLSM in Units 4 and 5 Discharge	8	9/12/20	2/4/21	9/21/20	2/13/21	113																																
CW.1050	Demolish surface equipment Circ Water Unit 5	3	9/22/20	2/13/21	9/22/20	2/15/21	113																																
CW.1060	Demolish Surface equipment Circ Water Unit 4	3	9/22/20	2/15/21	9/23/20	2/15/21	113																																
CW.1070	Demo CW Deck Unit 4 Col. 23-16	3	9/23/20	2/16/21	9/26/20	2/18/21	113																																
CW.1080	Backfill CW Intake/Discharge Tunnels Unit 4 Col. 23-16	5	9/29/20	2/22/21	10/5/20	2/26/21	113																																
CW.1090	Demo CW Deck Unit 3 Col. 16-10	3	10/5/20	6/12/21	10/8/20	6/15/21	203																																
CW.1100	Backfill CW Intake/Discharge Tunnel Unit 3 Col. 16-10	5	10/8/20	6/16/21	10/14/20	6/21/21	203																																
CW.1110	Demo CW Deck Unit 2 Col. 10-5	3	10/14/20	6/22/21	10/17/20	6/24/21	203																																
CW.1120	Backfill CW Intake/Discharge Tunnel Unit 2 Col. 10-5	5	10/17/20	6/25/21	10/23/20	6/30/21	203																																
CW.1130	Demo CW Deck Unit 1 Col. 5-1	3	10/23/20	7/1/21	10/27/20	7/3/21	203																																
CW.1140	Backfill CW Intake/Discharge Tunnel Unit 1 Col. 5-1	5	10/27/20	1/4/22	11/2/20	1/8/22	349																																
CW.1150	Demo CW Deck Unit 5 Col. 31-23	3	10/27/20	7/5/21	10/30/20	7/7/21	203																																
CW.1160	Backfill CW Intake/Discharge Unit 5 Col. 28-23	6	10/30/20	7/8/21	11/6/20	7/14/21	203																																



**ATTACHMENT C**

**AQ-SC3  
AIR QUALITY CONSTRUCTION  
COMPLIANCE SUMMARY  
SEPTEMBER 2020**



## Air Quality Construction Compliance Summary

### Amended Carlsbad Energy Center Project, Phase IV, San Diego County, CA (07-AFC-06C)

**PREPARED FOR:** Carlsbad Energy Center LLC  
**PREPARED BY:** George Piantka, NRG Energy, Inc.  
**DATE:** October 09, 2020  
**COMPLIANCE PERIOD:** September 2020

This compliance memorandum summarizes the activities conducted in July 2020 to demonstrate compliance with the approved *Air Quality Construction Mitigation Plan (AQCMP) for Phase IV of the Amended Carlsbad Energy Center Project (Amended CECP) (CEC, 2019)*. The Amended CECP Phase IV AQCMP covers the aboveground demolition/removal of Encina Power Station. Below grade demolition and site remediation, which would be accomplished under the authority of San Diego County Environmental Health Department (site remediation) and the City of Carlsbad (redevelopment of the site for future use), are beyond the scope of Phase IV of the Amended CECP.

Mobilization for Phase IV of the project started during the first week of November 2019. Limited demolition and asbestos abatement began on January 29, 2020.

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended on March 20, 2020. Demolition activities recommenced during the week of July 6-10, 2020 with limited remobilization during which staff were re-orientated to the site and the scope of work, and safety trained.

Demolition activities involving asbestos abatement, physical removal of numerous facility structures and equipment, mobilization of equipment to support the demolition of the stack chimney, and additional staff mobilization occurred during the month of September 2020.

#### **Fugitive Dust Compliance Measures**

For this compliance period during Phase IV of the Encina Power Station Demolition, the following compliance measures were implemented, if they occurred, using the compliance checklist:

- Observance of a visible dust plume
- Additional control measures implemented to reduce a visible dust plume
- Complaints filed with the San Diego Air Pollution Control District
- Deviations from the AQCMP

The demolition contractor(s) began limited demolition activities and asbestos abatement on January 29, 2020 and resumed these activities in July 2020. The active demolition and activities that could create fugitive dust did not result in visible fugitive dust in September 2020. Therefore no additional control measures were implemented. No complaints were filed with the San Diego Air Pollution Control District. No deviations from conditions AQ-SC3 or AQ-SC4 occurred during the compliance period.



Fugitive dust control measures prescribed in the AQCMP are monitored via checklists, which are included in Attachment A of this report.

## **Diesel Equipment Compliance Measures**

Diesel-fueled engines subject to the AQCMP and used during this compliance period that met the diesel equipment compliance measures were tagged by the Air Quality Construction Mitigation Manager (AQCOMM) and/or the Delegated AQCOMM to indicate the equipment are approved for use onsite. The equipment tagged during this compliance period are included in Table 1.

The following compliance measures were implemented during this compliance period:

- Equipment with diesel engines with a rating of 50 horsepower (hp) or higher shall meet Tier 4/4i emissions standards. No exemptions were requested for this compliance period.
- Equipment is maintained in accordance with manufactures recommendations.
- Equipment idling limited to 5 minutes or less to the extent practical.
- Equipment is labeled in accordance with Air Resources Board requirements.
- Equipment will employ electric motors where feasible.

Equipment onsite and used during this compliance period are being recorded and are listed in Table 1. Documentation confirming that equipment used for ten (10) days or more are Tier 4 or Tier 4i, along with the appropriate letter from the equipment owner confirming maintenance is performed as required for the equipment listed in Table 1, are included as Attachment B to this memorandum.

## **References**

California Energy Commission (CEC), 2019. *Air Quality Construction Mitigation Plan, Phase IV, Amended Carlsbad Energy Center Project, (07-AFC-06C)*, Submitted on October 16, 2019; Awaiting CEC approval of Amendment.



Table 1  
**Diesel Equipment**  
 AQCMP 07-AFC-06C

<u>Date Arrived (Removal Date)</u>	<u>CARB ID</u>	<u>S/N</u>	<u>Equipment</u>	<u>Engine Data</u>	<u>Diesel hp</u>	<u>Tier</u>	<u>Equipment Owner (Renter)</u>
11/11/2019	FP4A83	41935	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG200	92	4I	BISCO
11/11/2019	GC4A66	41936	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG2732	92	4I	BISCO
11/11/2019	YG9P77	41937	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG4188	92	4I	BISCO
01/07/2020	JN8S95	41951	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060110LELO2	92	4	BISCO
01/07/2020	XY9V35	41952	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060108LELO2	92	4	BISCO
01/13/2020	VN6P66	800-8457	Tennant Sweeper	Kubota, HKBLX02.4EKD, 2403-T, 2.4L, SN: 7HD0257	57	4	BISCO
02/21/2020	BT4G48	A97047	Komatsu Loader WA500-8	Komatsu, KKLXL15.2EDC SN: 834073	357	4	BISCO
07/13/2020	UK9P58	Z62H-4439	Genie 62' Manlift	Deutz, KDZXL02.9021, D2.9L4, 2.9L, SN: 12372450	50	4	Sunbelt BISCO
07/13/2020 (removed 09/08/2020)	WH8P44	160045920	JLG 12K Lull	Cummins, CCECLO4.5AAE, QSB4.5, 4.5L, SN: 73403578	130	4I	Sunbelt BISCO
07/24/2020	RP6M67	WLHZ- 1488KZC049084	Liebherr 926 WLC	Liebherr, KCHA27.01SQC. D34P, SN: 2018038427	268	4	BISCO
08/19/2020	KW7Y76	0300231915	JLG 180' Manway lift	Deutz, HDZXL03.6060,	99.8	4	Sunbelt BISCO



				TCD 3.6, L4 , SN: 1196431			
08/19/2020	WP5U33	Z80H-7235	Genie 80' Manlift	Deutz, JDZXL02.9020, TD2.9L4, 2.9L, SN: 12258372	74	4	Sunbelt BISCO
08/19/2020	LA3M33	0300263462	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12368578	74	4	Sunbelt BISCO
08/19/2020	GJ7H96	S85XCH-1749	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12359930	74	4	Sunbelt BISCO
09/08/2020	VP9E67	JCB5CH2GJG2435628	JCB 12K Lull	JCB, GJCBL04.4509 2.9, SN: SJ320/40919	109	4	Sunbelt BISCO
09/20/2020	FF8U93	10167	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2017 04 2818	326	4	BISCO
09/23/2020	XU6N58	2577075	JCB 6K Forklift	JCB, HJCBL04.4TA5 2.9, SN: SJ320/40925U1890 317	74	4	Sunbelt Pullman
09/27/2020	XG3J59	10166	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2018 04 1117	326	4	BISCO
09/28/2020	NY9H59	2566421	JCB 66' Lull	JCB, HJCBL04.4TA5 4.4, SN: SL320/40372U1373 517	56	4	BISCO



**Cabrillo Power I LLC**  
4600 Carlsbad Boulevard  
Carlsbad, CA 92008

# **Attachment A**

## **Air Quality Control Checklists**



AQCMP or designee name: Tommy Brister

Date: 09/01/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/01/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
---	--	--

**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/01/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/02/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQCOMM or AQCOMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCOMM or AQCOMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/02/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCOMM or AQCOMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.		
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/02/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/03/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented  
(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/03/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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Date / Time Identified:

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		



AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/03/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/09/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

<sup>1</sup> The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/09/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

**Mitigation Measure Implemented:**

**Time Implemented / Notes**

Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting.		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/09/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/10/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQ/CMM or AQ/CMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQ/CMM or AQ/CMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/10/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting.		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ/CMM or AQ/CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/10/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/11/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways.	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the



1. The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/11/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

**Mitigation Measure Implemented:**

**Time Implemented / Notes**

Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting.		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/11/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
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Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/12/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/12/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

**Mitigation Measure Implemented:**

**Time Implemented / Notes**

Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/12/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/14/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

**Going Requirements**

**Area Affected:**

**Requirement:**

**Implemented  
(Y/N):**

**Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/14/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/14/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		



AQCMP or designee name: Tommy Brister

Date: 09/15/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

**Going Requirements**

**Area Affected:**

**Requirement:**

**Implemented  
(Y/N):**

**Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/15/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting.		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/15/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/16/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented  
(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

L The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation, or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/16/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/16/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/17/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

**Going Requirements**

**Area Affected:**

**Requirement:**

**Implemented  
(Y/N):**

**Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/17/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
---	--	--

**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation or additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		



AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 09/17/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/18/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented  
(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/18/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas**

**Specific Location / Area:**

	<b>Requirement</b>	
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shut down of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/18/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/19/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

**Going Requirements**

**Area Affected:**

**Requirement:**

**Implemented  
(Y/N):**

**Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Equipment Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	NA	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	NA	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	NA	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/19/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/19/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 09/21/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify</u>	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the



Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/21/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation or additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/21/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 09/22/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented****(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/22/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/22/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 09/23/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:**

		<b>Implemented (Y/N):</b>	<b>Notes:</b>
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

<sup>1</sup> The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shut-down shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/23/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/23/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	



AQCMP or designee name: Tommy Brister

Date: 09/24/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented****(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1. The activity shall not restart until the AQCM or AQCM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCM or AQCM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/24/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/24/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 09/25/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented****(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

**Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,**

1. The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/25/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
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**Date / Time Identified:**

**Mitigation Measure Implemented:**

**Time Implemented / Notes**

Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/25/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 09/26/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily****Going Requirements****Area Affected:****Requirement:****Implemented  
(Y/N):****Notes:**

Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted in various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated route of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 09/26/2020

**Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas Requirement**

**Specific Location / Area:**

<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear	
<i>Identify</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance /</i>	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5**

<b>freeway) Area Affected / Source:</b>	<b>NO Truck / Dirt traffic at current time</b>	
---	--	--

**Date / Time Identified:**

	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

<b>Area Affected / Source:</b>	<b>No truck or Dirt traffic</b>	<b>Date / Time Identified:</b>
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	<b>Mitigation Measure Implemented:</b>	<b>Time Implemented / Notes</b>
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		



Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 09/26/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	YES	Newly arrived equipment is tracked
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name:

Tim Sisk

AQCMP or designee signature:



Date:

9/28/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

**On Going Requirements**

Area Affected:	Requirement:	Implemented (Y/N):	Notes:
Construction site entrance and Travel through the site	Post visible speed limit signs of a maximum of 10 MPH for unpaved areas - identify location of signs in Site Figure Map	Y	
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	Y	
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	Y	
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map		
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active construction days or when dirt is visible	Y	
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	Y	
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	N/A	
Disturbed areas	Re-Vegetated as soon as possible	N/A	
Demolition Haul Trucks - Within the Encina Power Station Property	Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	Y	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: 9/28/2020

No Visible Emissions -

Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas	Requirement	Specific Location / Area:
Identify Area	200 feet beyond the centerline of the construction of linear facilities	
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
	Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
	Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.		
	Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
	Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name:

Tim Sisk

AQCMP or designee signature:



Date:

9/28/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	Y	
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name:

Tim Lisk  
9/29/2020

AQCMP or designee signature:



Date:

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

**On Going Requirements**

Area Affected:	Requirement:	Implemented (Y/N):	Notes:
Construction site entrance and Travel through the site	Post visible speed limit signs of a maximum of 10 MPH for unpaved areas - identify location of signs in Site Figure Map	Y	
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	Y	
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	Y	
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	Y	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active construction days or when dirt is visible	Y	
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	Y	
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	N/A	
Disturbed areas	Re-Vegetated as soon as possible	N/A	
Demolition Haul Trucks - Within the Encina Power Station Property	Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	Y	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: 9/29/2020

No Visible Emissions

Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas	Requirement	Specific Location / Area:
Identify Area	200 feet beyond the centerline of the construction of linear facilities	
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
	Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
	Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.		
	Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
	Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

AQCMP or designee name:

Tim Sisk  
9/29/2020

AQCMP or designee signature:



Date:

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	Y	
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

Date: 9/30/2020

No Visible Emissions

**Monitoring for Visible Dust Plumes with the potential to be transported off the project site:**

Definition of Areas	Requirement	Specific Location / Area:
Identify Area	200 feet beyond the centerline of the construction of linear facilities	
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)**

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
	Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
	Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

**Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway**

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.		
	Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
	Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		



Air Quality Construction Mitigation Plan for the Demolition of Encina Power Station, Phase IV

AQCMP or designee name:

*Jim Sisk*  
9/30/2020

AQCMP or designee signature:



Date:

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

Area Affected:	Requirement:	Implemented (Y/N):	Notes:
Construction site entrance and Travel through the site	Post visible speed limit signs of a maximum of 10 MPH for unpaved areas - identify location of signs in Site Figure Map	Y	
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	Y	
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	Y	
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	Y	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify material and location in Site Figure Map	Y	
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active construction days or when dirt is visible	Y	
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	Y	
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosion control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	N/A	
Disturbed areas	Re-Vegetated as soon as possible	N/A	
Demolition Haul Trucks - Within the Encina Power Station Property	Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	Y	

1. The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2. The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

AQCMP or designee name:

Tim Sisk

AQCMP or designee signature:



Date:

9/30/2020

**Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily**

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):	Y	
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	



**Cabrillo Power I LLC**  
4600 Carlsbad Boulevard  
Carlsbad, CA 92008

# **Attachment B** **Diesel Engine Tier and Maintenance** **Documentation**

# Brandenburg®

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October 8<sup>th</sup>, 2020

Project Code: MA0842

NRG-Encina Power Station  
4600 Carlsbad Blvd.  
Carlsbad, Ca. 92008

Attn: Tim Sisk  
Environmental Manager

**Subject: Maintenance and Inspection of Equipment**

Dear Mr. Sisk:

This letter confirms that Brandenburg Industrial Services Company performs daily inspection reports when equipment is utilized and performs required maintenance for all on-site equipment. Attached is a current Equipment Log for equipment currently on site.

Please let me know if any further information is required.

Best regards,

*Liam J Campbell*

Liam Campbell  
Brandenburg Industrial Services Co.

---

**DIVISION OFFICE**

2217 Spillman Drive  
Bethlehem, PA 18015-1982  
Phone (610) 691-1800  
Fax (610) 691-4200

**BRANDENBURG INDUSTRIAL SERVICE COMPANY**

501 W. Lake Street, Suite 104 | Elmhurst, IL 60126-1419 | Phone (630) 956-7200 | Fax (630) 956-7222  
2625 S. Loomis Street | Chicago, IL 60608-5414 | Phone (312) 326-5800 | Fax (312) 326-5055  
1 N. Broadway, Stop 670 | Gary, IN 46402-3101 | Phone (219) 881-0200 | Fax (219) 880-4330  
200 E. Big Beaver Road | Troy, MI 48083-1208 | Phone (313) 382-2500 | Fax (800) 849-1589  
#50 Rivera Aulet Street, Bo. Pueblo Suite 101 | Arecibo, PR 00612 | Phone (787) 650-7171  
800 Town & Country Blvd. | Houston, TX 77024-3916 | Phone (832) 431-3287 | Fax (800) 849-1589

# Brandenburg®

**Job Name:** NRG Encina PowerStation

**Job #:** MA0842

**Month Ending:** September 2020

Equipment Number	Tier 4 Inspection	Description	Equipment Move on	Equipment Move Off	EIN #
41935	Green; #2; 11/21/2019	Bobcat S770	11/11/2019		FP4A83
41936	Green; #3; 11/21/2019	Bobcat S770	11/11/2019		GC4A66
41937	Green; #4; 11/21/2019	Bobcat S770	11/11/2019		YG9P77
673141 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
10206385 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
37037	N/A	Air Compressor	12/12/2019		N/A
41951	Green; #6; 1/07/2020	Bobcat S770	1/7/2020		JN8S96
41952	Green; #7; 1/07/2020	Bobcat S770	1/7/2020		XY9V35
30426	Green; #8; 1/14/2020	Tennant Sweeper	1/13/2020		VN6P66
436081	N/A	45' Electric Man Lift	1/16/2020		N/A
10202100	N/A	20' Single Manlift	08/19/2020		N/A
10206593 (Rental)	Green; #17; 7/16/2020	60' Man lift	7/13/2020		UK9P58
10265035 (Rental)	N/A	24' Push Man lift	1/20/2020		N/A
AP5873 (Rental)	N/A	56 KW Diesel Generator	1/28/2020		1728987 (PERP)
3356-12 (Rental)	Green; #18 /15/2020	12k Lull	7/13/2020	9/8/2020	WH8P44
25225	Green; #13; 02/24/2020	Komatsu WA500 Loader	2/21/2020		BT4G48

**BRANDENBURG INDUSTRIAL SERVICE COMPANY**

2217 Spillman Drive | Bethlehem, PA 18015-1982 | Phone (610) 691-1800 | Fax (610) 691-4200

# Brandenburg®

41956	Green; #14; 03/16/2020	Bobcat S770	3/16/2020	7/15/2020	N/A
04075	N/A	Generator	3/16/2020		N/A
00981	Green; #14 3/16/2020	Generator	3/16/2020		N/A
10263	Green; #20 7/28/2020	Liebherr 926 Track Excavator	7/27/2020		RP6M67
P1032915 (Rental)	N/A	Water Truck	7/29/2020		N/A
10185986	Green; #23 08/19/2020	80' Manlift	8/19/2020		WP5U33
10131906	Green; #22 08/19/2020	80' Manlift	8/19/2020		LA3M33
10191443	Green; #24 08/20/2020	80' Manlift	8/19/2020		GJ7H96
1018483	Green; #21 08/14/2020	180' Manlift	8/14/2020		KW7Y76
79660	N/A	320 KW Diesel Generator	8/31/2020		PP6408
40919	Green; #25 09/08/2020	12k Lull	9/08/2020		VP9E67
46417	Green; #28 09/27/2020	Liebherr R956 Track Excavator	9/26/2020		XG3J59
45156	Green; #26 09/22/2020	Liebherr R956 Track Excavator	9/21/2020		FF8U93
40372U1373517	Green; #29 09/30/2020	JCB 66' LuLL	9/28/2020		NY9H59

**BRANDENBURG INDUSTRIAL SERVICE COMPANY**

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**ATTACHMENT D**

**BIO-6  
PHASE IV BIOLOGICAL RESOURCES  
MONTHLY COMPLIANCE REPORT  
SEPTEMBER 2020**

Cabrillo Power I LLC

**Biological Resources Monthly  
Compliance Report (07-AFC-06C)  
Phase IV - Demolition of  
Encina Power Station**

September 2020 Reporting Period

October 2020



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### **APPENDIX A - BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOGS**

### **APPENDIX B - OBSERVED WILDLIFE SPECIES LIST**

This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the demolition phase of the Encina Power Station (EPS) from September 1 through September 30, 2020, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

- BIO-2 Designated Biologist Duties
- BIO-4 Designated Biologist and Biological Monitor Authority
- BIO-5 Biological Resources Worker Environmental Awareness Program (WEAP);
- BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan;
- BIO-7 General Impact Avoidance Mitigation Features; and
- BIO-8 Mitigation Management to Avoid Harassment or Harm.

## 2.0

### **BIOLOGICAL MONITORING SUMMARY**

This section summarizes biological monitoring activities conducted during the September 2020 reporting period. Demolition mobilization began November 2019, and the start of demolition began on January 29, 2020.

Biological monitoring by the Designated Biologist is conducted on a monthly basis (one visit every month) outside of the nesting season, since avian activity has decreased throughout the site. The Biological Resources Compliance Monitoring Log is provided in Appendix A. A list of wildlife species observed during the monitoring events is included in Appendix B. There are no Wildlife Observation Forms (WOF) for the September 2020 reporting period.

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

All on-site staff receives WEAP training prior to start of work. The hardcopy sign-in training logs are submitted separately.

## 2.1

### **NESTING BIRDS**

No active nests were observed during the September 2020 reporting period. A list of wildlife species observed during the monitoring events is provided in Appendix B.

## 2.3

### **SPECIAL-STATUS SPECIES**

Five special-status avian species were observed during the September 2020 reporting period, which included the following: American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]), California brown pelican (*Pelecanus occidentalis californicus*; CDFW FP), double-crested cormorant (*Phalacrocorax auratus*; CDFW Watch List [WL]), great blue heron (*Ardea*

*herodias*; CDF S), and osprey (*Pandion haliaetus*; CDFW WL; CDF S). California Natural Diversity Database (CNDDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDDB data submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are not added (CDFW, 2016)<sup>1</sup>.

## **2.4 WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES**

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

No injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed within the EPS site. The American peregrine falcon pair readily hunts and consumes prey within the EPS site. Therefore, small pieces of prey remains are found, but not whole bird carcasses. A list of wildlife species observed during the monitoring event is included in Appendix B.

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

No injured or dead wildlife species were observed within the EPS site. A list of wildlife species observed during the monitoring event is included in Appendix B.

## **2.5 HAZARDOUS MATERIAL SPILLS**

No project-related hazardous material spills were observed during the biological monitoring visit.

## **2.6 TRASH**

Litter, primarily wind-blown, was observed during the biological monitoring visits. Litter removal requests were submitted to the demolition contractor.

## **2.8 NON-COMPLIANCE REPORT**

No non-compliance notifications or incident reports were issued.

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<sup>1</sup> California Department of Fish and Wildlife (CDFW). 2016. *Submitting Avian Detections to the CNDDDB*. Available online at: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=25731>

*Appendix A*  
*Biological Resources Compliance Monitoring Logs*

## NRG Energy Encina Power Station (EPS) Project

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
September 18, 2020	Melissa Fowler				09:10-12:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
77	29	0	N	Good (10.0 mi)	0% cloud cover

#### Location(s) of Work Site Activities Monitored

NRG EPS site.

#### Summary of Biological Resources Monitoring Observations

Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.

#### Nesting Bird Observations:

- No observations were noted.

#### Special-Status Species Observed:

- An American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair were observed within the project site.
- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW WL) were observed within the project vicinity.
- A great blue heron (*Ardea herodias*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- An osprey (*Pandion haliaetus*; CDFW WL; CDF S) was observed within the project vicinity.
- No additional special-status species were observed.

#### Other Biological Resources Observations:

- No additional observations were noted.

#### Other Observations/Comments:

- No additional observations were noted.

#### Items Requiring Action/Follow-up

- None.

#### Wildlife Species Observed

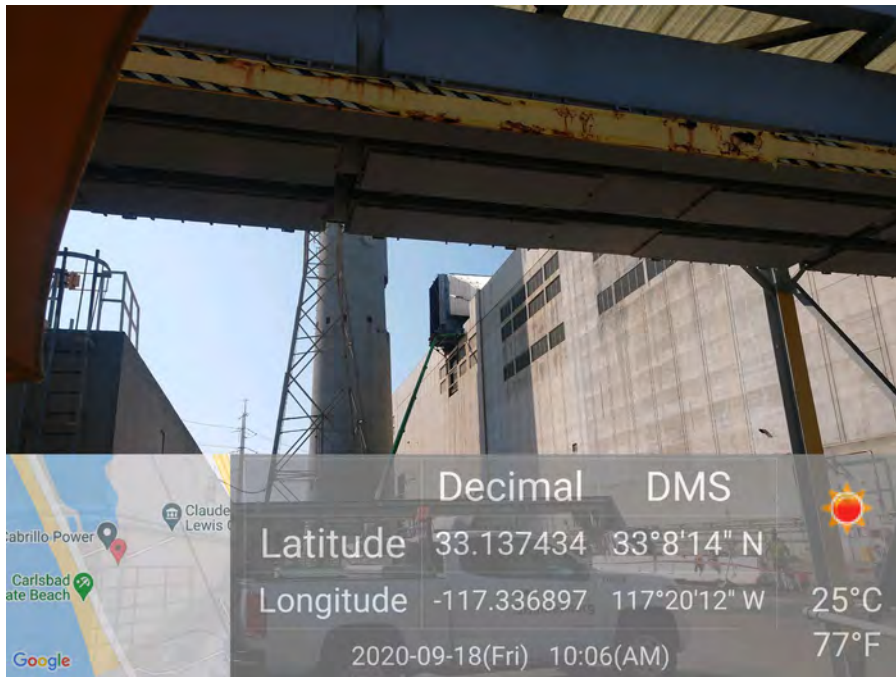
Allen's hummingbird (*Selasphorus sasin*), American bushtit (*Psaltriparus minimus*), American crow (*Corvus brachyrhynchos*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), California brown pelican, California ground squirrel (*Ostospermophilus beecheyi*), common yellowthroat (*Geothlypis trichas*), desert cottontail (*Sylvilagus audubonii*), double-crested cormorant, European starling (*Sturnus vulgaris*), great blue heron, house finch (*Haemorhous mexicanus*), lesser goldfinch (*Spinus psaltria*), mourning dove (*Zenaida macroura*), northern mockingbird (*Mimus polyglottos*), osprey, song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), and western kingbird (*Tyrannus verticalis*).

**Photo 1**



<b>Location</b>	EPS site	<b>Description</b>	Overview of the northern staging area, facing south.
-----------------	----------	--------------------	--

**Photo 2**



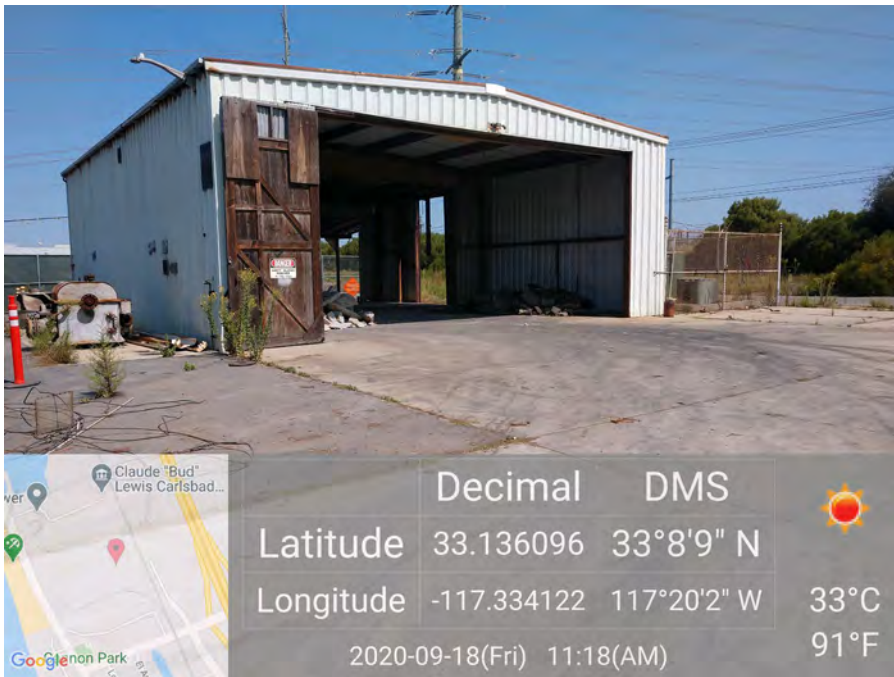
<b>Location</b>	EPS site	<b>Description</b>	Overview of demolition activities within the EPS.
-----------------	----------	--------------------	---

Photo 3



<b>Location</b>	EPS site	<b>Description</b>	Improperly discarded bottle was observed near the scaffolding.
-----------------	----------	--------------------	--

Photo 4



<b>Location</b>	EPS site	<b>Description</b>	Overview of the northeastern warehouse, facing northeast.
-----------------	----------	--------------------	---



*Appendix B*  
*Observed Wildlife Species List*

**Observed Wildlife Species List September 2020  
Encina Power Station**

Common Name	Scientific Name	Status Federal/State/Other
<b>Birds</b>		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American bushtit	<i>Psaltriparus minimus</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American peregrine falcon	<i>Falco peregrinus anatum</i>	BCC/FP/CDF: S
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/FP/--
Common yellowthroat	<i>Geothlypis trichas</i>	--/--/--
Double-crested cormorant	<i>Phalacrocorax auratus</i>	--/WL/--
European starling	<i>Sturnus vulgaris</i>	--/--/--
Great blue heron	<i>Ardea herodias</i>	--/--/CDF: S
House finch	<i>Haemorhous mexicanus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Osprey	<i>Pandion haliaetus</i>	--/FP/CDF: S
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
<b>Mammals</b>		
California ground squirrel	<i>Ostospermophilus beecheyi</i>	--/--/--
Desert cottontail	<i>Sylvilagus audubonii</i>	--/--/--
<b>Reptiles</b>		
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

**Source:**

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. July 2020. Special Animals List. Periodic publication. 120 pp.

**Status Codes:**

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

**Federal:**

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

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

BCC = Birds of Conservation Concern

**State:**

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

---

S = Sensitive

WL = Watch List

SP = Special Animals List

**Other:**

- Bureau of Land Management (BLM), United States Department of Interior – Sensitive (S)
- California Department of Forestry and Fire Protection (CDF) classifies “sensitive species” as those species that warrant special protection during timber operations.
- North American Bird Conservation Initiative (NABCI) - Red Watch List (RWL)
- United States Forest Service (USFS) – Sensitive (S)

**ATTACHMENT E**

**CUL-5 AND PAL-5  
CERTIFICATION OF COMPLETION,  
WORKER ENVIRONMENTAL AWARENESS PROGRAM,  
SEPTEMBER 2020**

***No WEAP training required in September 2020***

**ATTACHMENT F**

**CUL-6/PAL-6  
PALEONTOLOGICAL RESOURCE MONITORING  
SEPTEMBER2020**

***No monitoring required in September 2020***

**ATTACHMENT G**

**COMPLIANCE-6  
SUMMARY TABLE OF NOISE HOTLINE CALLS  
SEPTEMBER2020**

***No Noise Hotline calls in September 2020***

**ATTACHMENT H**

**TRANS-5  
ROADWAY INSPECTION  
SEPTEMBER 2020**

***There was no heavy construction-equipment traffic for demolition of Encina Power Station in September 2020***

**ATTACHMENT I**

**TRANS-6  
TRANSPORTATION PERMITS  
SEPTEMBER 2020**

***No transportation permits were obtained in September 2020***



**ATTACHMENT J  
TRANS-8  
TRAFFIC ENCROACHMENT PERMITS  
SEPTEMBER 2020**

***No traffic encroachment permits were obtained in September 2020***

**ATTACHMENT K**

**SOIL&WATER-2  
CONSTRUCTION WATER USAGE SUMMARY**

**SOIL&WATER-9  
WASTEWATER SUMMARY**

**SOIL&WATER-2**  
**Amended Carlsbad Energy Center Project**  
**07-AFC-06C**

Water use Summary, September 2020.

Phase IV Demolition (Started November 2019)

Potable Water Used\*: 29,120 gallons

Reclaim Water Used\*\*: 0 gallons

---

**Completed Phase(s)**

Phase I Demolition (Completed September 2016)

Potable Water Used: 612,700 gallons

Reclaim Water Used: 0 gallons

Phase II Construction Total Water Use (Completed December 2018)

Potable Water Used: 6,575,440 gallons

Reclaim Water Used: 13,145,265 gallons

Phase III Decommissioning (Completed October 2019)

Potable Water Used\*: 0 gallons

Reclaim Water Used\*\*: 0 gallons

---

Cumulative Water Use Phase I, II, III, IV

Potable Water Used: 7,217,260 gallons

Reclaim Water Used: 13,145,265 gallons

\*Potable use includes sanitary, hydrotesting, landscape irrigation, and other plant operations, including Phase III Decommissioning and Phase IV Demolition not suitable for reclaim water use (worker contact applications).

\*\*Reclaim use includes dust control and compaction.

**SOIL&WATER-9**  
**Amended Carlsbad Energy Center Project**  
**07-AFC-06C**

Wastewater Generation and Disposal Summary  
Construction Phase

*ACECP did not generate or dispose of any wastewater offsite in September 2020.*

**ATTACHMENT L**

**GEN-2 and TSE-1  
MASTER DRAWING LIST UPDATE  
SEPTEMBER 2020**

***No master drawing list exists for demolition in September 2020***

**ATTACHMENT M**

**GEN-3  
PROOF OF PAYMENT TO DCBO  
SEPTEMBER 2020**

**ATTACHMENT N**

**CIVIL-1, GEN-6  
LIST OF DCBO APPROVALS and  
MECH-1  
CBO INSPECTION APPROVALS**

**SEPTEMBER 2020**

***No DCBO approvals or inspections were conducted for demolition in  
September 2020***

**LIST OF DCBO PLAN APPROVALS  
AND INSPECTIONS  
SEPTEMBER 2020**

The documents listed below have been approved by the Delegate Chief Building Official (DCBO).

<b>CBO Package No.</b>	<b>Date Submitted</b>	<b>Description</b>	<b>COC</b>



**CBO MECHANICAL INSPECTIONS  
SEPTEMBER2020**

<b>CBO Package No.</b>	<b>Date Submitted</b>	<b>Description</b>	<b>COC</b>

**ATTACHMENT O**

**WORKER SAFETY-3  
CONSTRUCTION SAFETY SUPERVISOR  
MONTHLY SAFETY REPORT  
SEPTEMBER 2020**

**MONTHLY SAFETY REPORT**

September 30, 2020

This letter serves as a summary of safety related activities for the month of September 2020.

During the month of September a total of 53 employees completed site training for the Encina Power Station demolition project. Trained personnel consists of employees from Brandenburg, Local 300, Brand Safeway and Pullman.

Brandenburg had 22 working days in the month of September. On each of these days, a major Tool Box Talk was conducted with all site personnel in the morning. Brandenburg also completed additional Tool Box Talks that covered task specific TSAs after the primary tool box talk.

Brandenburg completed a monthly safety topic training for all employees covering the National Fall Protection Standown.

Brandenburg completed four Stand Down Trainings focusing on Brandenburg's site specific asbestos procedures and site specific confined space training. Brandenburg also had two asbestos refresher classes held on site.

Brandenburg management completed 32 documented safety related inspections.

The Safety Observation System was temporarily discontinued due to Brandenburg's procedure regarding COVID-19.

Brandenburg had one recordable for the month of September.

Benjamin Gallina - BISCO Project Safety Manager

**INCIDENT INVESTIGATION REPORT**

<b>Project Name:</b> NRG Encinca Power Station		<b>Project Number:</b> MA0842	
<b>Incident Date:</b> 9/22/20		<b>Incident Time:</b> 1:30 PM	
<b>Report Date:</b> 9/22/20		<b>Claim Number:</b>	
<b>Employee Name:</b> Confidential		<b>EMPCD:</b> TORSUS	<b>Employee Job Type:</b> Laborer
<b>Injury Sustained:</b> Strain to left knee		<b>Length of Employment With Brandenburg:</b> <input checked="" type="checkbox"/> < 6 months <input type="checkbox"/> 6 mo – 1 yr <input type="checkbox"/> 1-5 years <input type="checkbox"/> 5-10 years <input type="checkbox"/> > 10 years	
<b>Activity in progress at the time of incident:</b> Attach additional pages as required. Employee performing fire watch duties			
<b>Chronological Sequence of Events:</b> Track incident from significant events prior to incident through investigation. If an injury was sustained, include medical treatment. Attach additional pages as required.			
1. Employee was performing fire watch duties		4. Employee strained left knee	
2. Employee was walking through and inspecting area		5.	
3. While waking employee slipped		6.	
<b>Description of Incident:</b> State only the facts. Do not include assumptions. Attach additional pages as required. Employee was performing fire watch duties inside units 1 & 2 containment. While inspecting the area the employee slipped and strained her left knee. Employee reported to her supervisor in containment immediately. Employee was escorted to the decon to await EHS department.			
<b>Contributing Causes of Incident:</b> Attach additional pages as required.			
1. Wet walking / working surfaces		3. Limited traction on disposable protective clothing	
2. Complacency while walking on wet surfaces		4. Proper walking techniques	
<b>Root Cause(s) of Incident:</b> Attach additional pages, as required.			
1. Wet walking / working surfaces		3.	
2. Puddling water		4.	
<b>Witness(es) to Incident:</b> N/A			
<b>Attachments:</b> Check all that apply.			
<input type="checkbox"/> Pictures, Drawings, etc.		<input type="checkbox"/> Other (Describe):	
<input type="checkbox"/> Training Records			
<b>Prepared By:</b> Benjamin Gallina		<b>Date:</b> 9/30/20	
<b>Site Manager/Project Supervisor:</b> Mike Biciocchi			<b>Date:</b> 9/30/20

<b>Corrective Actions</b>			
<b>Immediate</b>	<b>Responsible Party:</b> Benjamin Ramos	<b>Date:</b> 9/22/20	
<p><b>Action:</b> Remove all puddled / standing water located on walking / working surfaces.</p> <p>Employees performing fire watch &amp; housekeeping duties shall have squeegees available to remove excess standing water inside the containments.</p>			
<b>Long Term</b>	<b>Responsible Party:</b> Tony Scott	<b>Date:</b> 9/23/20	
<p><b>Action:</b> Re-train employees on importance of removing puddling and standing water from walking / working surfaces.</p> <p>Discuss proper techniques to be employed when walking on potentially slippery surfaces while inside negative pressure enclosures.</p> <p>Ensure ACM material is adequately wetted, without causing additional hazards inside the Class I work areas.</p>			
<b>Lessons Learned</b>			
<p>Although adequate water is required during asbestos abatement, employees shall avoid using excess water that can cause puddling. This will reduce the extent of the slip hazards present inside the containment areas.</p> <p>Asbestos and hot work require the use of water, however, it is best to mist the material of work surfaces to reduce the risk of a similar incident.</p>			
<b>Investigation Status</b>			
<b>Corrective Action is Satisfactory:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Initial:</b> BG	<b>Date:</b> 9/29/2020
<b>If no, what further action is necessary?</b> Attach additional pages as required.			
<b>Corrective Action(s) Implemented:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Initial:</b> DC	<b>Date:</b> 9/30/2020
<b>Investigation Closed:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Initial:</b>	<b>Date:</b>

**BISCO Employee List – New Hires for September**

<b>Employee Name</b>	<b>Onboard Date</b>
Craig Tompkins	9/8/2020
Raudel Perez	9/8/2020
Marcus Bridges	9/9/2020
Hanna Bartholomew	9/9/2020
Steve Biciocchi	9/10/2020
Julissa Oviedo	9/10/2020
Javier Marin	9/10/2020
Ronnie Hayden	9/10/2020
Priscilla Legorreta	9/11/2020
Efrain Alvarez	9/11/2020
Javier Gracida	9/11/2020
Jose Higuera	9/11/2020
Ruben Higuera	9/11/2020
Eduardo Delgadillo	9/12/2020
Ethan Moore	9/12/2020
Susan Torres	9/12/2020
Israel Cortez	9/15/2020
Jose Vizcarra	9/15/2020
Simon Miranda	9/15/2020
Muguel longoni	9/15/2020
Irving Villeguv	9/17/2020
Braulio Castaneda	9/17/2020
Daniel Almanza	9/17/2020
Patrick Schneiter	9/17/2020
Allen Riley	9/17/2020
Carlos Abundez	9/17/2020
Carlos Auroonna	9/17/2020
Randy Hale	9/17/2020
Nicholen Terry	9/17/2020
Miguel Proo Jr	9/17/2020
Jose Arroyo	9/17/2020
Paul Prather	9/17/2020
Allen Riley Jr	9/18/2020
John Volpe	9/21/2020
Jesse Nieves	9/21/2020
Rick Grzesik	9/21/2020
Duane Dunn	9/21/2020
Marjanche Bogeski	9/21/2020

Guillermo Lacayo	9/22/2020
Luis Gregorio	9/22/2020
Tito Ayala	9/22/2020
Javier Constante	9/22/2020
Mario Lino	9/22/2020
Jonathan Castillo	9/22/2020
Marcos Castro	9/23/2020
Luis Mata	9/23/2020
Anthony Smith	9/23/2020
Carlos DeLoa	9/28/2020
Jason Chaires	9/29/2020
Michael Pankey	9/30/2020
Michael Flening	9/30/2020

**ATTACHMENT P**

**WORKER SAFETY-4  
CBO SAFETY MONITOR INSPECTION  
MONTHLY SAFETY REPORT  
SEPTEMBER 2020**

***No DCBO safety inspections were conducted for demolition in  
September 2020***



**ATTACHMENT Q**

**CIVIL-3 AND STRUC-2  
NON-CONFORMANCE REPORT LOG**

***No non-conformance reports for demolition in September 2020***

**ATTACHMENT R**

**COM-13  
INCIDENT REPORT(S)**

***No COM-13 incidents to report in September 2020***

Response by off-site emergency response agency was reported to CPM for emergency services administered to demolition contractor employee on August 26, 2020 for pre-existing medical condition (non-injury). No additional information will be provided in this MCR.