

DOCKETED

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July 14, 2021

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
JUNE 2021, MONTHLY COMPLIANCE REPORT

Dear Dr. Ali:

Cabrillo Power I, LLC ("Project Owner") submits the June 2021 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.

During the month of June 2021, demolition activities included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, and torch cutting of equipment (structural components piping, etc.), and resumption of stack demolition activities.

Peregrine Falcon chicks (4) hatched in early May. Stack demolition activities were postponed following verification of the hatchlings. The CEC- approved Biological Monitor under the direction of the Designated Biologist (DB) observed the falcon chicks and adults in accordance with the approved Nest Monitoring Plan. Peregrine Falcon chicks (4) fledged during the first and second week of June. The DB communicated to the jurisdictional agencies that the Peregrine Falcon chicks had fully fledged, and the NMP and ESA were discontinued on June 16, 2021. Stack demolition activities resumed on June 23, 2021.

Completion of demolition activities is targeted for April 2022 per the revised project schedule.

Mr. Anwar Ali
July 14, 2021

If you have any questions or comments, please do not hesitate to contact me at (760) 707-6833.

Sincerely,

A handwritten signature in black ink, appearing to read "George L. Piantka". The signature is written in a cursive style with a large initial "G".

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, June 2021
cc: File



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

June 2021

***Submitted by: Cabrillo Power I LLC
Date Submitted: 07-13-2021***

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- Attachment B: COMPLIANCE-6: Project Schedule, June 2021
- Attachment C AQ-SC3: Air Quality Construction Compliance Summary, June 2021
- 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
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- Attachment K SOIL&WATER-2: Construction Water Usage Summary
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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

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 December 2019. The Project Owner completed all compliance activities and COC submittals necessary to achieve Phase IV, Start of Demolition, in December 2019. Demolition preparation was conducted December 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 during June 2021 included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, and torch cutting of equipment (structural components, piping, etc.), and resumption of stack demolition activities.

A Peregrine Falcon nest which is a special status species in California was located on April 3, 2021 at 133-feet above the exterior grade on the eastern side of the Powerblock. The EPS

demolition project Designated Biologist (DB) immediately established a 100-foot Environmental Sensitive Area (ESA) surrounding the nest location which prohibited all work within the ESA boundary. The DB determined the best approach for monitoring and managing stack demolition and the other project activities during the nesting and fledgling period with concurrence from the California Energy Commission (CEC), United States Fish and Wildlife Service (USFWS), and the California Department of Fish & Wildlife (CDFW) (Jurisdictional Agencies) . The jurisdictional agencies approved the use of a 100-foot ESA and a Nest Monitoring Plan (NMP) which outlines the continuous monitoring of the urbanized peregrine falcon pair, nest, and potential chicks during active demolition activities. The CEC-approved Biological Monitor under the direction of the DB observed the falcon chicks and adults in accordance with the approved NMP. Peregrine Falcon chicks (4) fledged during the first and second week of June. The DB communicated to the jurisdictional agencies that the Peregrine Falcon chicks had fully fledged, and the NMP and ESA was discontinued on June 16, 2021. Stack demolition activities resumed on June 23, 2021.

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 pertaining to Phase IV nor changes to schedule have occurred since the CEC's approval of ACECP in 2015. The City of Carlsbad approved a 9-month extension to Phase IV via a City Resolution in December 2019. While we anticipate completing Phase IV by second quarter of 2022, the extension allows completion by third quarter of 2022.

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 (5th Revision Notice)

III. Updated Compliance Matrices

The Compliance Matrix updated to reflect the ACECP 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**.

NOISE-2/COM-11: Noise hotline log and complaint resolution process. See **Attachment G**.

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

WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report. See **Attachment P**.

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. COM-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-11: Complaints requiring notifications and reporting will be submitted to CPM
- l. 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 June 2021. A summary table of calls and complaints logged and responded to are included, as applicable, in **Attachment G**.

ATTACHMENT A

**COMPLIANCE-5 AND COMPLIANCE-6
KEY EVENTS AND COMPLIANCE MATRIX
JUNE 2021**

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	Air Quality Construction/Demolition Mitigation Manager (AQCMM): The project owner shall designate and retain an on-site AQCMM 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 AQCMM may delegate responsibilities to one or more AQCMM Delegates. The AQCMM and AQCMM 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 AQCMM and AQCMM Delegates may have other responsibilities in addition to those described in this condition. The AQCMM 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 AQCMM 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 AQCMM 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 AQCMM 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 AQCMM or Delegate shall direct more intensive application of the existing mitigation methods within 15 minutes of making such a determination. Step 2: The AQCMM 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 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 within one hour of the original determination. 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 will not result upon restarting the shut-down source. The owner/operator may appeal to the CPM any directive from the AQCMM 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

AQ-SC	4	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.			
AQ-SC	5	a	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.	included with AQ-SC2		
AQ-SC	5	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.			
AQ-SC	12		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.	N/A		
AQ-SC	13		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"> 1. perimeter security consisting of fencing enclosing the demolition and construction areas; 2. security guards; 3. site access control consisting of a check-in procedure or tag system for demolition and construction personnel and visitors; 4. written standard procedures for employees, contractors, and vendors when encountering suspicious objects or packages on-site or off-site; 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency; and 6. evacuation procedures. 	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"> • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • 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); • Conduct an investigation to determine the source of noise related to the complaint; • Take all feasible measures to reduce the noise at its source if the noise is project related; and • 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. 	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 monthly			
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		

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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"> • timing of truck trips, including heavy equipment and building materials deliveries, especially those that would cross the railroad tracks; • redirecting construction and demolition traffic with a flag person at a minimum for trucks traveling eastbound on Cannon Road from the SDG&E Service Gate to cross the railroad tracks; • signing, lighting, and traffic control device placement if required; • need for construction work hours and arrival/departure times outside and during peak traffic periods; • insurance of access for emergency vehicles to the project site; • temporary closure of travel lanes; • access to adjacent residential and commercial property during the construction of all pipelines; • specification of construction-related haul routes; and • identify safety procedures for exiting and entering the site access gate. 	A temporary Traffic Control Plan (TCP) was approved by the City of Carlsbad Traffic Control Department and the CEC to allow for the City of Carlsbad's Jack-and-bore project. Due to the left turn from Gate 3 being obstructed, the temporary TCP allows for a right turn while egressing from Gate 3, and requires all truck traffic to turn left on Carlsbad Boulevard to gain access to Interstate 5 on Palomar Airport Road. All other craft traffic can take either a left or right on Carlsbad Boulevard	10/29/2019, Modified Plan sent 11/14/19; Temporary Traffic Control Plan approved on 11/9/2020	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"> • a description of all demolition and construction waste streams, including projections of frequency, amounts generated, and hazard classifications; and • 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. • 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. 		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

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VIS	3	B	Screening		<p>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.</p> <p>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:</p> <p>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.</p>			
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"> 1. a Demolition and Construction Personal Protective Equipment Program; 2. a Demolition and Construction Exposure Monitoring Program; 3. a Demolition and Construction Injury and Illness Prevention Program; 4. a Demolition and Construction Emergency Action Plan; and 5. a Demolition and Construction Fire Prevention Plan. 6. an Encina Power Station Demolition Plan. <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"> 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs; 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects; 3. assure that all demolition, construction and commissioning workers and supervisors receive adequate safety training; 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents; and 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented. 		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 CECP, and demolition/removal of the EPS.</p>		9/12/2019	10/10/2019

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WORKER SAFETY	5		Training	Y	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.	Training held on 12/4/19. Completed AED Training.	12/5/2019	12/10/2019
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Submitted to CEC
Approved by CEC

ATTACHMENT B

COMPLIANCE-6
PROJECT SCHEDULE
JUNE 2021

Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float	2021												2022					
								Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
MA0842 NRG Encina Power Station - Update 12 - 2021-04-01								4/8/22; MA0842 NRG E																	
Project Overview								4/8/22; Project Overview																	
Major Milestones								4/8/22; Major Milestone																	
Contract Milestones								4/8/22; Contract Milestone																	
CM1020	Final Completion	0			4/8/22	4/8/22	0	Final Completion																	
CM1030	Scheduled Completion	0			3/25/22	4/8/22	12	Scheduled Completion																	
Project Milestones								3/14/22; Project Milestones																	
PM1030	Substantial Completion	0	3/14/22	3/28/22	3/14/22	3/28/22	12	Substantial Completion																	
Project Extensions								4/8/22; Project Extensio																	
PE1000	Original Contract Completion	0			12/3/21*	12/2/21	0	Original Contract Completion																	
PE1010	TIA 01 - COVID-19 Force Majeure	99	12/3/21	12/3/21	4/8/22	4/8/22	0	TIA 01 - COVID-19 Forc																	
Project Durations								4/8/22; Project Duration																	
PD1000	Project Management	649	10/28/19	4/15/21	4/8/22	4/8/22	0	Project Management																	
PD1010	Maintain Office and Break Bldg-Provided by NRG	649	10/28/19	4/15/21	4/8/22	4/8/22	0	Maintain Office and Bre																	
PD1020	Temprary Facilities	649	10/28/19	4/15/21	4/8/22	4/8/22	0	Temprary Facilities																	
PD1030	Site Safety Management	649	10/28/19	4/15/21	4/8/22	4/8/22	0	Site Safety Manage																	
PD1040	Security Gate 3	649	10/28/19	4/15/21	4/8/22	4/8/22	0	Security Gate 3																	
PD1050	Maintain Scale	1	1/10/20 A	3/28/22	4/1/21	3/28/22	297	Maintain Scale																	
PD1060	Project Float	14	3/26/22	4/8/22	4/8/22	4/8/22	0	Project Float																	
Preconstruction								4/2/21, Preconstruction																	
PC1020	Major Demolition Equipment Mobilization	55	2/26/20 A	1/12/22	4/2/21	1/13/22	234	Major Demolition Equipment Mobilization																	
No.6 Fuel Line Purge & Removal								4/1/21, No.6 Fuel Line Purge & Removal																	
PC.FL.1050	Fuel Oil Unit 4 piping removal	5	7/20/20 A	1/18/22	4/1/21	1/18/22	240	Fuel Oil Unit 4 piping removal																	
PC.FL.1060	Fuel Oil Unit 5 piping removal	5	2/27/20 A	1/18/22	4/1/21	1/18/22	240	Fuel Oil Unit 5 piping removal																	
Interior Demolition								4/9/21, Interior Demolition																	
Unit 1 Turbine / Generator / Condenser								4/9/21, Unit 1 Turbine / Generator / Condenser																	
ID.U1.1040	Basement Floor Mounted Equipment Bolt Removal	5	3/12/21 A	5/14/21	4/6/21	5/14/21	33	Basement Floor Mounted Equipment Bolt Removal																	
ID.U1.1050	Heavy Piping Unit Seperation	3	4/7/21	5/15/21	4/9/21	5/18/21	33	Heavy Piping Unit Seperation																	
Unit 2 Turbine / Generator / Condenser								4/5/21, Unit 2 Turbine / Generator / Condenser																	
ID.U2.1040	Basement Floor Mounted Equipment Bolt Removal	5	1/26/21 A	5/10/21	4/1/21	5/10/21	33	Basement Floor Mounted Equipment Bolt Removal																	
ID.U2.1050	Heavy Piping Unit Seperation	3	4/2/21	5/11/21	4/5/21	5/13/21	33	Heavy Piping Unit Seperation																	
Unit 3 Turbine / Generator / Condenser								4/6/21, Unit 3 Turbine / Generator / Condenser																	
ID.U3.1040	Basement Floor Mounted Equipment Bolt Removal	5	12/14/20	8/13/21	4/1/21	8/13/21	115	Basement Floor Mounted Equipment Bolt Removal																	
ID.U3.1050	Heavy Piping Unit Seperation	4	4/2/21	8/14/21	4/6/21	8/18/21	115	Heavy Piping Unit Seperation																	
Chimney Demolition								5/21/21, Chimney Demolition																	
CD.1090	Concrete Shell Removal Bottom 53'	3	5/19/21	10/2/21	5/21/21	10/5/21	117	Concrete Shell Removal Bottom 53'																	
Concrete Shell Removal top 377' to 50'								5/18/21, Concrete Shell Removal top 377' to 50'																	
CD.CS.1090	Demo Concrete 265' to 249'	1	4/1/21	8/12/21	4/1/21	8/12/21	95	Demo Concrete 265' to 249'																	
CD.CS.1100	Demo Concrete 249' to 233'	2	4/2/21	8/13/21	4/5/21	8/16/21	95	Demo Concrete 249' to 233'																	
CD.CS.1110	Demo Concrete 233' to 217'	2	4/6/21	8/17/21	4/7/21	8/18/21	95	Demo Concrete 233' to 217'																	
CD.CS.1120	Demo Concrete 217' to 201'	1	4/8/21	8/19/21	4/8/21	8/19/21	95	Demo Concrete 217' to 201'																	
CD.CS.1130	Demo Concrete 201' to 181'	2	4/9/21	8/20/21	4/12/21	8/23/21	95	Demo Concrete 201' to 181'																	
CD.CS.1140	Demo Concrete 181' to 173'	2	4/13/21	8/24/21	4/14/21	8/25/21	95	Demo Concrete 181' to 173'																	
CD.CS.1150	Demo Concrete 173' to 165'	1	4/15/21	8/26/21	4/15/21	8/26/21	95	Demo Concrete 173' to 165'																	
CD.CS.1160	Demo Concrete 165' to 157'	2	4/16/21	8/27/21	4/19/21	8/30/21	95	Demo Concrete 165' to 157'																	
CD.CS.1170	Demo Concrete 157' to 150'	2	4/20/21	8/31/21	4/21/21	9/1/21	95	Demo Concrete 157' to 150'																	
CD.CS.1180	Demo Concrete 150' to 145'	1	4/22/21	9/2/21	4/22/21	9/2/21	95	Demo Concrete 150' to 145'																	
CD.CS.1190	Demo Concrete 145' to 140'	2	4/23/21	9/3/21	4/26/21	9/6/21	95	Demo Concrete 145' to 140'																	
CD.CS.1200	Demo Concrete 140' to 135'	2	4/27/21	9/7/21	4/28/21	9/8/21	95	Demo Concrete 140' to 135'																	
CD.CS.1210	Demo Concrete 135' to 128'	2	4/29/21	9/9/21	4/30/21	9/10/21	95	Demo Concrete 135' to 128'																	
CD.CS.1220	Demo Concrete 128' to 113'	2	5/3/21	9/13/21	5/4/21	9/14/21	95	Demo Concrete 128' to 113'																	
CD.CS.1230	Demo Concrete 113' to 98'	1	5/5/21	9/15/21	5/5/21	9/15/21	95	Demo Concrete 113' to 98'																	
CD.CS.1240	Demo Concrete 98' to 83'	2	5/6/21	9/16/21	5/7/21	9/17/21	95	Demo Concrete 98' to 83'																	

Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float	2021												2022					
								Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
IA.U2.A.13:	Clearance Units 1 & 2	1	6/24/21	12/10/21	6/24/21	12/10/21	143	Clearance Units 1 & 2																	
Final Clean		64	4/10/21	9/24/21	6/23/21	12/9/21	143	6/23/21, Final Clean																	
IA.U2.A.12	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	8	4/10/21	9/24/21	4/19/21	10/2/21	143	Ventilating Fan Fl. El. 118'6" (Col. 5-16)																	
IA.U2.A.12	ID & Fan Fl. El. 98'6" (Col. 5-16)	8	4/20/21	10/4/21	4/28/21	10/12/21	143	ID & Fan Fl. El. 98'6" (Col. 5-16)																	
IA.U2.A.12	Platforms @ El 82'4" & 87'10" (Col. 5-16)	8	4/29/21	10/13/21	5/7/21	10/21/21	143	Platforms @ El 82'4" & 87'10" (Col. 5-16)																	
IA.U2.A.12	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	8	5/8/21	10/22/21	5/17/21	10/30/21	143	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)																	
IA.U2.A.12	Platform El. 61'4" (Col. 5-16)	8	5/18/21	11/1/21	5/26/21	11/9/21	143	Platform El. 61'4" (Col. 5-16)																	
IA.U2.A.12	Platform El. 50'0" (Col. 5-16)	8	5/27/21	11/10/21	6/4/21	11/18/21	143	Platform El. 50'0" (Col. 5-16)																	
IA.U2.A.12	Operating Fl. El. 34'0" (Col. 5-16)	8	6/5/21	11/19/21	6/14/21	11/30/21	143	Operating Fl. El. 34'0" (Col. 5-16)																	
IA.U2.A.12	Mezz. Fl. El. 17'6" (Col. 5-16)	8	6/15/21	12/1/21	6/23/21	12/9/21	143	Mezz. Fl. El. 17'6" (Col. 5-16)																	
Non-Friable Brick Removal		11	11/5/20 A	9/15/21	4/9/21	9/23/21	143	4/9/21, Non-Friable Brick Removal																	
IA.U2.A.13	Mezz. Fl. El. 17'6" (Col. 5-16)	10	11/11/20	9/15/21	4/9/21	9/23/21	143	Mezz. Fl. El. 17'6" (Col. 5-16)																	
IA.U2.A.13	Operating Fl. El. 34'0" (Col. 5-16)	10	11/5/20 A	9/15/21	4/9/21	9/23/21	143	Operating Fl. El. 34'0" (Col. 5-16)																	
Unit 1		142	1/21/21 A	9/16/21	6/22/21	12/9/21	144	6/22/21, Unit 1																	
Abate asbestos - Unit 1		142	1/21/21 A	9/16/21	6/22/21	12/9/21	144	6/22/21, Abate asbestos - Unit 1																	
Boiler Insulation Removal		85	1/21/21 A	9/16/21	4/16/21	11/9/21	177	4/16/21, Boiler Insulation Removal																	
IA.U1.A12	Operating Fl. El. 34'0" (Col. 1-5)	3	1/21/21 A	9/16/21	4/8/21	9/23/21	144	Operating Fl. El. 34'0" (Col. 1-5)																	
IA.U1.A12	Mezz. Fl. El. 17'6" (Col. 1-5)	7	4/9/21	11/2/21	4/16/21	11/9/21	177	Mezz. Fl. El. 17'6" (Col. 1-5)																	
Final Clean		24	5/26/21	11/10/21	6/22/21	12/9/21	144	6/22/21, Final Clean																	
IA.U1.A12	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3	5/26/21	11/10/21	5/28/21	11/12/21	144	Ventilating Fan Fl. El. 118'6" (Col. 1-5)																	
IA.U1.A12	ID & Fan Fl. El. 98'6" (Col. 1-5)	3	5/29/21	11/13/21	6/1/21	11/16/21	144	ID & Fan Fl. El. 98'6" (Col. 1-5)																	
IA.U1.A12	Platforms @ El 82'4" & 87'10" (Col. 1-5)	3	6/2/21	11/17/21	6/4/21	11/19/21	144	Platforms @ El 82'4" & 87'10" (Col. 1-5)																	
IA.U1.A12	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	3	6/5/21	11/20/21	6/8/21	11/23/21	144	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)																	
IA.U1.A12	Platform El. 61'4" (Col. 1-5)	3	6/9/21	11/25/21	6/11/21	11/29/21	144	Platform El. 61'4" (Col. 1-5)																	
IA.U1.A12	Platform El. 50'0" (Col. 1-5)	3	6/12/21	11/30/21	6/15/21	12/2/21	144	Platform El. 50'0" (Col. 1-5)																	
IA.U1.A13	Operating Fl. El. 34'0" (Col. 1-5)	3	6/16/21	12/3/21	6/18/21	12/6/21	144	Operating Fl. El. 34'0" (Col. 1-5)																	
IA.U1.A13	Mezz. Fl. El. 17'6" (Col. 1-5)	3	6/19/21	12/7/21	6/22/21	12/9/21	144	Mezz. Fl. El. 17'6" (Col. 1-5)																	
Non-Friable Brick Removal		40	4/9/21	9/24/21	5/25/21	11/9/21	144	5/25/21, Non-Friable Brick Removal																	
IA.U1.A13	Mezz. Fl. El. 17'6" (Col. 1-5)	8	5/17/21	11/1/21	5/25/21	11/9/21	144	Mezz. Fl. El. 17'6" (Col. 1-5)																	
IA.U1.A13	Operating Fl. El. 34'0" (Col. 1-5)	8	5/7/21	10/22/21	5/15/21	10/30/21	144	Operating Fl. El. 34'0" (Col. 1-5)																	
IA.U1.A13	Platform El. 50'0" (Col. 1-5)	4	5/3/21	10/18/21	5/6/21	10/21/21	144	Platform El. 50'0" (Col. 1-5)																	
IA.U1.A13	Platform El. 61'4" (Col. 1-5)	4	4/28/21	10/13/21	5/1/21	10/16/21	144	Platform El. 61'4" (Col. 1-5)																	
IA.U1.A13	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	4	4/23/21	10/8/21	4/27/21	10/12/21	144	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)																	
IA.U1.A13	Platforms @ El 82'4" & 87'10" (Col. 1-5)	4	4/19/21	10/4/21	4/22/21	10/7/21	144	Platforms @ El 82'4" & 87'10" (Col. 1-5)																	
IA.U1.A13	ID & Fan Fl. El. 98'6" (Col. 1-5)	4	4/14/21	9/29/21	4/17/21	10/2/21	144	ID & Fan Fl. El. 98'6" (Col. 1-5)																	
IA.U1.A13	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	4	4/9/21	9/24/21	4/13/21	9/28/21	144	Ventilating Fan Fl. El. 118'6" (Col. 1-5)																	
Accessible Friable ACM		75	1/21/21 A	11/5/21	4/5/21	11/9/21	187	4/5/21, Accessible Friable ACM																	
IA.U1.A11:	Operating Fl. El. 34'0" (Col. 1-5)	3	1/21/21 A	11/5/21	4/1/21	11/5/21	187	Operating Fl. El. 34'0" (Col. 1-5)																	
IA.U1.A11:	Mezz. Fl. El. 17'6" (Col. 1-5)	3	4/2/21	11/6/21	4/5/21	11/9/21	187	Mezz. Fl. El. 17'6" (Col. 1-5)																	
Exterior Transite Removal		157	10/15/20	5/1/21	5/27/21	1/13/22	187	5/27/21, Exterior Transite Removal																	
TR.1110	Exterior Transite Removal Col. 31 / A to A1	1	4/1/21	5/18/21	4/1/21	5/18/21	41	Exterior Transite Removal Col. 31 / A to A1																	
TR.1130	Exterior Transite Removal Col. 26 - H-D	10	3/17/21 A	1/8/22	5/27/21	1/13/22	187	Exterior Transite Removal Col. 26 - H-D																	
TR.1210	Exterior Transit Removal Col. A / Col.'s 31 to 27	8	4/1/21	6/2/21	4/9/21	6/10/21	53	Exterior Transit Removal Col. A / Col.'s 31 to 27																	
TR.1220	Exterior Transit Removal Col. 31/ Col.'s D to A	9	4/5/21	5/1/21	4/15/21	5/12/21	23	Exterior Transit Removal Col. 31/ Col.'s D to A																	
TR.1260	Exterior Transit Removal Col. A / Col.'s 22 to 19	8	5/8/21	6/11/21	5/17/21	6/19/21	29	Exterior Transit Removal Col. A / Col.'s 22 to 19																	
TR.1270	Exterior Transit Removal Col. A / Col.'s 27 to 22	8	10/15/20	5/12/21	4/22/21	5/18/21	23	Exterior Transit Removal Col. A / Col.'s 27 to 22																	
TR.1310	Exterior Transit Removal Col. A / Col.'s 19 to 15	4	10/22/20	7/3/21	4/26/21	7/7/21	63	Exterior Transit Removal Col. A / Col.'s 19 to 15																	
Site Work		243	5/22/21	10/6/21	3/15/22	4/8/22	21	3/15/22, Site Work																	
SW.1010	Crush Concrete from Stack & Wall Demo	60	5/22/21	10/6/21	7/30/21	12/16/21	117	Crush Concrete from Stack & Wall Demo																	
SW.1030	Install fence at switch yard	10	8/2/21	3/17/22	8/12/21	3/28/22	183	Install fence at switch yard																	
SW.1040	Crush Balance of Concrete Post Demo	60	7/31/21	12/17/21	10/8/21	3/8/22	117	Crush Balance of Concrete Post Demo																	
SW.1050	Backfill Power Block	70	12/3/21	12/17/21	3/5/22	3/19/22	12	Backfill Power Block																	
SW.1055	Backfill Units 4 & 5 Basement to El. 0	10	6/26/21	3/9/22	7/7/21	3/19/22	207	Backfill Units 4 & 5 Basement to El. 0																	

Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float	2021												2022								
								Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
SW.1060	Install guard rail at former bridge locations	10	6/2/21	3/17/22	6/12/21	3/28/22	235																					
SW.1070	Final Grading	7	3/7/22	3/21/22	3/14/22	3/28/22	12																					
SW.1080	Pavement Repair - if required	1	3/15/22	4/8/22	3/15/22	4/8/22	21																					
Backfill Tunnels to Control Houses		7	7/17/21	3/18/22	7/24/21	3/19/22	192																					
SW.1000	Control Bldg. 1/2 Tunnel Backfill	2	7/17/21	3/18/22	7/19/21	3/19/22	197																					
SW.1020	Control Bldg. 3 Tunnel Backfill	2	7/23/21	3/18/22	7/24/21	3/19/22	192																					
Cooling Water Intake & Discharge		154	12/1/20 A	4/15/21	6/9/21	3/17/22	229																					
CW.1010	De-water	10	12/1/20 A	4/15/21	4/2/21	4/16/21	12																					
CW.1030	Remove silt (estimated 150)	3	2/10/21 A	4/15/21	4/2/21	4/16/21	12																					
CW.1030.1	Remove Additional Silt (estimated ~1000 cy)	20	4/3/21	4/17/21	4/26/21	5/10/21	12																					
CW.1070	Demo CW Deck Unit 4 Col. 23-16	3	4/27/21	5/11/21	4/29/21	5/13/21	12																					
CW.1075	Ramp into Turbine Hall Basement Col. 23 to 26	4	4/30/21	5/14/21	5/4/21	5/18/21	12																					
CW.1080	Backfill CW Intake/Discharge Tunnels Unit 4 Col. 23-16	5	5/3/21	6/5/21	5/7/21	6/10/21	29																					
CW.1090	Demo CW Deck Unit 3 Col. 16-10	3	5/8/21	2/3/22	5/11/21	2/5/22	221																					
CW.1100	Backfill CW Intake/Discharge Tunnel Unit 3 Col. 16-10	5	5/12/21	2/7/22	5/17/21	2/11/22	221																					
CW.1110	Demo CW Deck Unit 2 Col. 10-5	3	5/18/21	2/12/22	5/20/21	2/15/22	221																					
CW.1120	Backfill CW Intake/Discharge Tunnel Unit 2 Col. 10-5	5	5/21/21	2/16/22	5/26/21	2/22/22	221																					
CW.1130	Demo CW Deck Unit 1 Col. 5-1	3	5/27/21	2/23/22	5/29/21	2/25/22	221																					
CW.1140	Backfill CW Intake/Discharge Tunnel Unit 1 Col. 5-1	5	5/31/21	3/12/22	6/4/21	3/17/22	233																					
CW.1150	Demo CW Deck Unit 5 Col. 31-23	3	5/31/21	2/26/22	6/2/21	3/1/22	221																					
CW.1160	Backfill CW Intake/Discharge Unit 5 Col. 28-23	6	6/3/21	3/2/22	6/9/21	3/8/22	221																					
Project Completion		10	3/15/22	3/29/22	3/25/22	4/8/22	12																					
PC.1000	De-mobilization	10	3/15/22	3/29/22	3/25/22	4/8/22	12																					



ATTACHMENT C

**AQ-SC3
AIR QUALITY CONSTRUCTION
COMPLIANCE SUMMARY
JUNE 2021**



Air Quality Construction Compliance Summary

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

PREPARED FOR: Carlsbad Power I, LLC for the licensed
Carlsbad Energy Center Project

PREPARED BY: Timothy Sisk (Alternate AQCMM), NRG Energy, Inc.

DATE: July 14, 2021

COMPLIANCE PERIOD: June 2021

This compliance memorandum summarizes the activities conducted in June 2021 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 during June 2021 involved interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, and torch cutting of metallic equipment (structural components, piping, etc.), and stack demolition activities.

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

No deviations from conditions AQ-SC3 or AQ-SC4 occurred during the compliance period. No visible dust plumes, additional control measures, nor complaints 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 (AQCMM) and/or the Delegated AQCMM 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
02/21/2020	BT4G48	A97047	Komatsu Loader WA500-8	Komatsu, KKLXL15.2EDC SN: 834073	357	4	BISCO
03/16/2020	KP3K59	41956	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9059852LELO2	92	4	BISCO
07/24/2020	RP6M67	WLHZ- 1488KZC049084	Liebherr 926 WLC	Liebherr, KCHA27.01SQC. D34P, SN: 2018038427	268	4	BISCO
08/19/2020	WP5U33	Z80H-7235	Genie 80' Manlift	Deutz, JDZXLO2.9020, TD2.9L4, 2.9L, SN: 12258372	74	4	Sunbelt BISCO
09/21/2020	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	74	4	Sunbelt Pullman



				2.9, SN: SJ320/40925U1890 317			
09/27/2020	XG3J59	10166	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2018 04 1117	326	4	BISCO
10/31/2020	DB3C39	0160104362	Skytrak	CUMMINGS, LCEXL03.8AAC. QSF3.8L, SN: 22419170	110	4	Sunbelt BISCO
02/02/2021	DT3Y49	B3CA16723	Track Skidsteer	DOOSAN, KDICL03.4LEB. D34NAP, SN: 9054266LEL04	74	4	Sunbelt BISCO
04/05/2021	DG6D66	48966	Liebherr 976 WLC	Liebherr, JLHAL16.2VQC. D9508, SN: 2018 14 1636	544	4	BISCO
04/09/2021	YF7677	MKL00395	Caterpillar 973	CATERPILLAR KCPXLO9.3HTF SN: SYE3625	275	4	BISCO
4/20/2021	EN5X73	100009364	Bobcat S550	DOOSAN, HDICL02.4LEA. D24NAP, SN: 74118426	61	4	Sunbelt BISCO
4/23/2021	CN6Y95	03002066286	JLG 1350SJP	DeutzAG, FDZXL02.9016, TCD2.9L4,3.6, SN: 111761890	74	4	United BISCO
5/10/2021	KC8N56	Pelican Elgin Sweeper	NP41124	JD Power Systems, GJDXL04.5304, 4045TFC03A.6, SN: R5207781- R52483	74	4	BISCO
6/22/2021	LN6J68	549832	Tadano GR900XL	CUMMINS, GCEXL06.7AAK, QSB6.7; 6.7L SN: 26652539	260	4	BRAGG Crane Company BISCO
6/18/2021	FK7R36	0300193542	JLG/800AJ	Deutz, EDZXL02.9020, TD2.9L4, 2.9L, SN: 11638418	67	4	Sunbelt BISCO
6/22/2021	PK6C74	0300264114	JLG/800AJ	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12371495	67	4	Sunbelt BISCO



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

Attachment A

Air Quality Control Checklists

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:

Date:

6/2/21



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.	Y	
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.	Y	
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: 6/2/21

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

No Visible Emissions Observed

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:
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. ¹		

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:
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. ²		

AQCMP or designee name: Tim Sisk

AQCMP or designee signature: 

Date: 6/2/21

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):	<input checked="" type="checkbox"/>	
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):		
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):		
Letter from each equipment owner is on file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):		
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)		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

6/3/21

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.	Y	
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.	Y	
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: 6/3/21

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

No Visible Emissions Observed

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. ¹		

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. ²		

AQCMP or designee name: Tim Sisk

AQCMP or designee signature: 

Date: 6/3/21

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):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):		
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):		
Letter from each equipment owner is on file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):		
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)		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

6/4/21

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.	Y	
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.	X	
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: 6/4/21

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

No Visible Emissions Observed

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. ¹		

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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Bisk

AQCMP or designee signature: 

Date: 6/4/21

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 <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> NA:		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible <input checked="" type="radio"/> Y <input type="radio"/> N:		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible <input checked="" type="radio"/> Y <input type="radio"/> N:		
Documentation of acceptable engine tier is on file,	Equipment Updated <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> NA:		
Letter from each equipment owner is on file indicating that equipment is being properly maintained	Letters Updated <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> NA:		
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: <input checked="" type="radio"/> Y <input type="radio"/> N		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

01/5/21

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.	Y	
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.	Y	
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: 6/5/21

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

No Visible Emissions Observed...

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:
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. ¹		

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:
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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Jim Sisk

AQCMP or designee signature: 

Date: 6/5/21

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):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):		
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):		
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):		
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)		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:		

AQCMP or designee name: Tommy Brister

Date: 6/07/2021

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	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 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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/07/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹ Step 4: 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.	Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
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.	Mitigation Measure Implemented:	Date / Time Identified: Time Implemented / Notes
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 6/07/2021

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: 6/08/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/08/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is observed 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.	Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
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.	No truck or Dirt traffic	Date / Time Identified:
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	Mitigation Measure Implemented:	Time Implemented / Notes

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 6/08/2021

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 on 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: 6/09/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/09/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹ Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/09/2021

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: 6/10/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/10/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is observed.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / SOURCE: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: Tommy Brister

Date: 6/10/2021

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 on 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: 6/11/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 visible 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: 6/11/2021

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 freeway) Area Affected / Source:		
	NO Truck / Dirt traffic at current time	

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. ¹		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/11/2021

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: 6/12/2021

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	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 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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/12/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
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	Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
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.	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/12/2021

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: 6/14/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 visible 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: 6/14/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is observed to drivers. ²		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/14/2021

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: 6/15/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/15/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/15/2021

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: 6/16/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 visible 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: 6/16/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/16/2021

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: 6/17/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 visible 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: 6/17/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/17/2021

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: 6/18/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/18/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 1: Immediately cease the activities causing the visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

Air Quality Construction Mitigation Form for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/18/2021

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: 6/19/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/19/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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		
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Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
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Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

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Date: 6/19/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 6/20/2021**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
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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
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Disturbed areas Demolition Haul Trucks -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station
Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/20/2021

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	
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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:	NO Truck / Dirt traffic at current time	
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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		
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Step 1: Immediately cease the activities causing the visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/20/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
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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: 6/21/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 EPM 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: 6/21/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: Direct more intensive	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/21/2021

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: 6/22/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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

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: 6/22/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if by obscuration of visibility to drivers.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/22/2021

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: 6/23/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/23/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 1: Immediately cease the activities causing the visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/23/2021

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: 6/24/2021

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	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 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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/24/2021

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-5C4 (with the exception of visible emissions within 50 feet upwind of the I-5

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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. ¹		
Step 1: Immediately cease the activities causing the visible dust plumes if the obscuration of visibility is	Reduce visible dust plumes to comply with CEC COC AQ-5C4 within 50 feet upwind of the I-5 freeway	
Area Affected / Source: Direct more intensive	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/24/2021

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: 6/25/2021

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	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 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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station
Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/25/2021

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

freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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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 <u>existing method – such as additional soil wetting</u>		
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. ¹		
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/25/2021

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: 6/26/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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 visible 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: 6/26/2021

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

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

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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/26/2021

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: 6/28/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/28/2021

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

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

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. ¹		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
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.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/28/2021

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: 6/29/2021

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 - <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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/29/2021

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

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

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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if an obscuration of visibility is observed to drivers on I-5.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/29/2021

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	
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

AQCMP or designee name: Tommy Brister

Date: 6/30/2021

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 -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

Within the Encina Power Station Property

graveled surfaces - Note Routes on Site Figure Map

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: 6/30/2021

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

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

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. ¹		
Step 4: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is observed.		
Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source: 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.	No truck or Dirt traffic	Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
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. ²		

AQCMP or designee name: Tommy Brister

AQCMP or designee signature: *Tommy Brister*

Date: 6/30/2021

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	



Attachment B

Diesel Engine Tier and Maintenance

Documentation

Brandenburg®

July 1st, 2021

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 Service 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: June

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
436081	N/A	45' Eletric Man Lift	1/16/2020		N/A
10202100	N/A	20' Single Manlift	08/19/2020		N/A
25225	Green; #13; 02/24/2020	Komatsu WA500 Loader	2/21/2020		BT4G48
41956	Green; #15 04/09/2021	Bobcat S770	4/09/2021		KP3K59
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

BRANDENBURG INDUSTRIAL SERVICE COMPANY

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

Brandenburg®

12054	Green; #31 11/2/2020	12k Lull	10/31/2020		DB3C39
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
00989	N/A	Doosan G70 Generator	12/14/2020		N/A
30466	N/A	Doosan G70 Generator	12/14/2020		N/A
10228594	Green #32; 02/02/2021	Track Skidsteer	02/01/2021		DT3Y49
10021	Green #36 04/12/2021	976 Lienherr	04/05/2021		DG6D66
25041	Green #16 04/09/2021	973 Track Loader	4/9/2021		YF7677
0300206286	Green #40 04/27/2021	135' JLG Manlift	4/23/2021		CN6Y95
1009364	Green #1009364	Bobcat S550	4/20/2021		EN5X73
549832	Green #48	Tadano GR900XL	6/22/2021		LN6J68
30474	Green #42	Street Sweeper	5/10/2021		KC8N56
647517	Green #46	JLG 80' Manlift	6/18/2021		FK7R36
10182623	Green #47	JLG 80' Manlift	6/21/2021		PK6C74

BRANDENBURG INDUSTRIAL SERVICE COMPANY

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



A Structural Group Company

June 13, 2021

Mr. Jason GaNun - Brandenburg
NRG Encina Power Station
4600 Carlsbad Blvd
Carlsbad, CA 92008

**Subject: Maintenance and Inspection of Equipment for June 2021
Job #549175**

Dear Mr. GaNun:

This letter confirms that PULLMAN 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 additional information is required.

Best regards,

A handwritten signature in blue ink, appearing to read "Joshua Muder".

Joshua Muder, PMP



A Structural Group Company

Job Name: Brandenburg for NRG Encina Power Chimney Demo

Job #: 549175

Month Ending: June 2021

EQUIPMENT INFORMATION REQUIRED #10209329	
EQUIPMENT NAME/ MODEL	Bobcat T740
DATE OF ARRIVAL	6/14/21
DATE OF REMOVAL	TBD
CARB ID (EIN# 6 digit, example AB1C23)	LJ7V68
EQUIPMENT SERIAL NUMBER	B3CA16630
ENGINE MANUFACTURER	Doosan
ENGINE FAMILY	KDICL03.4LEB
ENGINE MODEL	D34NAP
ENGINE DISPLACEMENT	3.4
ENGINE SERIAL NUMBER	9053640
ENGINE HORSEPOWER	74.0
ENGINE TIER	4F
OWNER	SUNBELT RENTALS
RENTER	Pullman Power
EXECUTIVE ORDER	U-R-019-0166

EQUIPMENT INFORMATION REQUIRED #10043940	
EQUIPMENT NAME/ MODEL	Skytrak 8042
DATE OF ARRIVAL	6/15/21
DATE OF REMOVAL	TBD
CARB ID (EIN# 6 digit, example AB1C23)	WP6L47
EQUIPMENT SERIAL NUMBER	0160088133
ENGINE MANUFACTURER	Cummins
ENGINE FAMILY	JCEXL03.8AAC
ENGINE MODEL	QSF3.8L
ENGINE DISPLACEMENT	3.8
ENGINE SERIAL NUMBER	76349877
ENGINE HORSEPOWER	74.0
ENGINE TIER	4F
OWNER	SUNBELT RENTALS
RENTER	Pullman Power
EXECUTIVE ORDER	U-R002-0665

ATTACHMENT D

**BIO-6
PHASE IV BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
JUNE 2021**

Cabrillo Power I LLC

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

June 2021 Reporting Period

July 2021

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APPENDIX A - BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

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 June 1 through June 30, 2021, 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 June 2021 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 weekly basis during the nesting season. Biological Monitors conducted monitoring on a daily basis. The Biological Resources Compliance Monitoring Logs are 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 this 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 as described above, 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

Environmentally Sensitive Area (ESA) buffers are established around all active nests for birds protected under the Migratory Bird Treaty Act (MBTA). On April 3, 2021, an active 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]) nest was found on the east side of the EPS building. A 100-foot ESA buffer was established, and notification was submitted to the California Energy Commission (CEC) because this is a special-status species. A Nest Monitoring Plan (NMP) was submitted for CEC review on April 6, 2021. A revised NMP was submitted on April 7, 2021, which incorporated comments from USFWS and CDFW. Biological monitoring of the American peregrine falcon nest was continuous while stack demolition was occurring. The nest successfully fledged on June 16, 2021 and the ESA was removed. A list of wildlife species observed during the monitoring events are included in Appendix B.

2.3 **SPECIAL-STATUS SPECIES**

Eight special-status avian species were observed during the reporting period, which included the following: American peregrine falcon, California brown pelican (*Pelecanus occidentalis californicus*; CDFW FP), California gull (*Larus californicus*; CDFW Watch List [WL]), double-crested cormorant (*Phalacrocorax auratus*; CDFW WL), great blue heron (*Ardea herodias*; CDF S), great egret (*Ardea alba*; CDF S), osprey (*Pandion haliaetus*; CDFW WL; CDF S), and white-face ibis (*Plegadis chihi*; CDFW WL). 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)¹. A list of wildlife species observed during the monitoring events are included in Appendix B.

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

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

No injured or dead species protected by the 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 remnants are found, but not whole bird carcasses. A list of wildlife species observed during the monitoring events are included in Appendix B.

2.4.2 ***Other Species***

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

2.5 **HAZARDOUS MATERIAL SPILLS**

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

¹ 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>

2.6 *TRASH*

Litter, including wind-blown, were 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.

Appendix A
Biological Resources Compliance Monitoring Logs

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 2, 2021		Nikki Bottum (Biological Monitor, ERM)			0800-1500	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61	83	3 W	N	Good	Mostly cloudy	
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:						
<ul style="list-style-type: none"> • Preening of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults, adult female foraging, adults bringing food to nest then leaving, and no feeding of nestlings was observed. • Three (3) kills between both adults were observed. • Adults vocalizing with each other and nestlings were observed. • Four (4) nestlings as big as adults, exercising wings, vocalizing, and actively walking around nest were observed. Three (3) nestlings look like adults with a little white on wings, and head and breast. One (1) nestling is whiter than brown. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed within the project vicinity. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were noted. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM & PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, California gull, cliff swallow (<i>Petrochelidon pyrrhonota</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and white-crowned sparrow (<i>Zonotrichia leucophrys</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 3, 2021		Nikki Bottum (Biological Monitor, ERM)			0700-1400	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
63	77	2 W	N	Good	Mostly cloudy	
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:						
<ul style="list-style-type: none"> • Preening of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults, adult female foraging, adults bringing food to nest then leaving, and no feeding of nestlings was observed. • Four (4) kills between both adults were observed. • Adults vocalizing with each other and nestlings were observed. • Four (4) nestlings as big as adults, exercising wings, vocalizing, and actively walking around nest were observed. Three (3) nestlings look like adults with a little white on wings, and head and breast. One (1) nestling is whiter than brown. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were observed. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM & PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, cliff swallow (<i>Petrochelidon pyrrhonota</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great egret, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 4, 2021	Nikki Bottum (Biological Monitor, ERM)				0745-1530
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
61	80	5 WSW	N	Good	Mostly cloudy
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:					
<ul style="list-style-type: none"> • Preening of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults, adult female foraging, adults bringing food to nest then leaving, and no feeding of nestlings was observed. • Five (5) kills between both adults were observed. • Adults vocalizing with each other and nestlings were observed. • Four (4) nestlings as big as adults, exercising wings, vocalizing & actively walking around nest; one (1) running on the beam & flapping; three (3) look like adults with a little white on wings, head & breast; and one (1) that is more white than brown. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other biological resources observations were observed. 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
<p>American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, cliff swallow (<i>Petrochelidon pyrrhonota</i>), desert cottontail (<i>Sylvilagus audubonii</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), hooded oriole (<i>Icterus cucullatus</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and western kingbird (<i>Tyrannus verticalis</i>).</p>					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 5, 2021	Melissa Fowler				09:00-12:10
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	78	0	N	Good	100% cloud cover/overcast (AM)
Location(s) of Work Site Activities Monitored					
NRG EPS site.					
Summary of Biological Resources Monitoring Observations					
<p>Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • American peregrine falcons (<i>Falco peregrinus anatum</i>; 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]) were observed. • A territorial fight was observed between two male American peregrine falcons. • No additional observations were noted. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • A great blue heron (<i>Ardea herodias</i>; CDF S) was observed within the project vicinity. • No additional special-status species were observed. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • Litter was observed within the EPS site. A litter removal request was submitted to the contractor. • No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • A request was submitted to the contractor to conduct litter removal. 					
Wildlife Species Observed					
<p>American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), ash-throated flycatcher (<i>Myiarchus cinerascens</i>), black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California towhee (<i>Melospiza crissalis</i>), common yellowthroat (<i>Geothlypis trichas</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), lesser goldfinch (<i>Spinus psaltria</i>), mourning dove (<i>Zenaidura macroura</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), Say's phoebe (<i>Sayornis saya</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

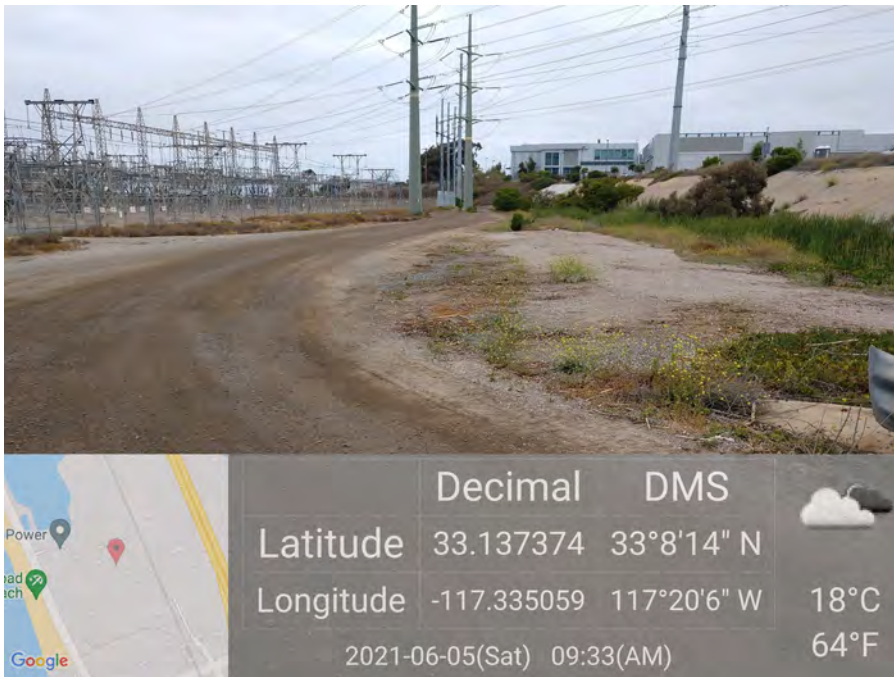
Photo 1



	Decimal	DMS	
Latitude	33.137385	33°8'14" N	18°C 64°F
Longitude	-117.336937	117°20'12" W	
2021-06-05(Sat) 09:27(AM)			

Location	EPS site	Description	Overview of demolition activities.
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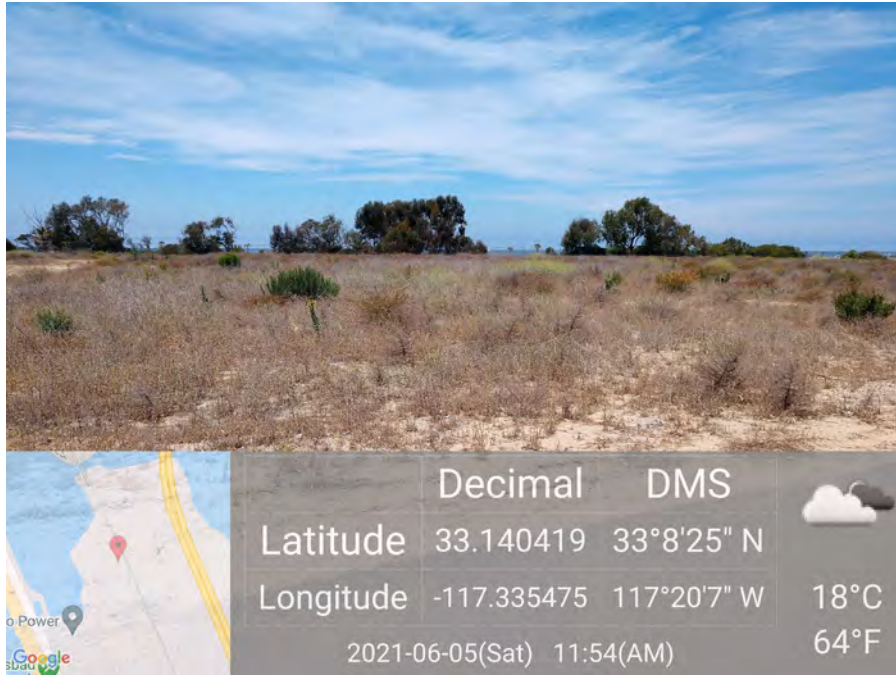
Photo 2



	Decimal	DMS	
Latitude	33.137374	33°8'14" N	18°C 64°F
Longitude	-117.335059	117°20'6" W	
2021-06-05(Sat) 09:33(AM)			

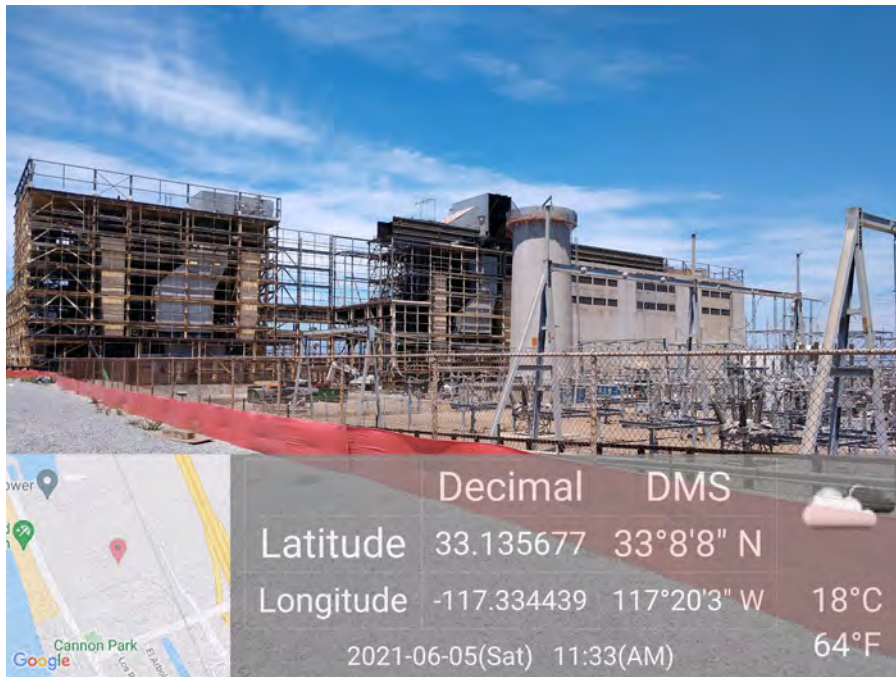
Location	EPS site	Description	Overview of the contractor access road.
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Photo 3



Location	EPS site	Description	Overview of the northern staging area.
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Photo 4



Location	EPS site	Description	Overview of demolition activities.
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NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 5, 2021	Nikki Bottum (Biological Monitor, ERM)				0745-1345
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	78	3 WSW	N	Good	Overcast
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:					
<ul style="list-style-type: none"> • Preening, foraging, & feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to nest then leaving, and no feeding of nestlings were observed. • Two (2) kills between both adults were observed. • Adults were vocalizing with each other and nestlings. • Four (4) nestlings as big as adults, exercising wings, vocalizing, and actively walking around nest; running on the beam and flapping; four (4) look like adults with a little white on wings, head, and breast. • No agitated behaviors due to demolition were observed. • Female chased satellite male from area. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • Great Blue heron (<i>Ardea herodias</i>; California Department of Forestry and Fire Prevention [CDF] Sensitive [S]) • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other Biological resources observations 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), mallard (<i>Anas platyrhynchos</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), and western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 7, 2021	Nikki Bottum (Biological Monitor, ERM)				0815
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
59	86	7 SSW	Y	Good	Overcast with intermittent showers
Location(s) of Work Site Activities Monitored					
NRG EPS site.					
Summary of Biological Resources Monitoring Observations					
<p>Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • Preening, foraging, & feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to nest then leaving, and no feeding of nestlings were observed. • Seven (7) kills between both adults were observed. • Adults vocalizing with each other and nestlings were observed. • Four (4) nestlings as big as adults, exercising wings, vocalizing, and actively walking around nest; running on the beam, jumping, and flapping; four (4) look like adults with a little white on wings, head, and breast; and one (1) flew to nearby opening in building. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • No additional special-status species were observed. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • No other biological resources observations were observed. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
<p>American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, California gull, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 8, 2021	Nikki Bottum (Biological Monitor, ERM)				0745-1430
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
62	68	1 S	N	Good	Sunny
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:					
<ul style="list-style-type: none"> • Preening, & feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to nest then leaving, no feeding of nestlings were observed. • Five (5) kills between both adults were observed. • Adults were vocalizing with each other and nestlings. • Four (4) nestlings as big as adults, exercising wings, vocalizing, and actively walking around nest; running on the beam, jumping, and flapping; four (4) look like adults; three (3) in nest area; and one (1) learning to fly. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other biological resources observations were observed. 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), California brown pelican, California gull, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great egret, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 9, 2021	Nikki Bottum (Biological Monitor, ERM)				0615-1200
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
57	83	2 NW	N	Good	Mostly sunny
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:					
<ul style="list-style-type: none"> • Preening, & feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to nest then leaving; no feeding of nestlings were observed. • Five (5) kills between both adults were observed. • Adults vocalizing with each other and nestlings. • Four (4) nestlings look like adults; exercising wings, vocalizing, and actively walking around nest; jumping and flapping; four (4) in nest in AM, and one (1) flew to a beam. • No agitated behaviors due to demolition were observed. • Female chased satellite male away. • No evidence of California least tern predation; all kills came from the north and east. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • Great blue heron (<i>Ardea herodias</i>; California Department of Forestry and Fire Prevention [CDF] Sensitive [S]) • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other biological resources observations were observed. 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 10, 2021		Nikki Bottum (Biological Monitor, ERM)			0615-1200	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
57	68	3 SE	N	Good	Partly cloudy	
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:						
<ul style="list-style-type: none"> • Preening and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adult female foraging; adults bringing food to nest then leaving; and no feeding of nestlings were observed. • Three (3) kills between both adults. • Adults vocalizing with each other and young. • One (1) young in nest and three (3) young in the demolition area. • No agitated behaviors due to demolition were observed. • No evidence of California least tern predation; all kills came from the north. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) observed within the project vicinity. • California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • Great blue heron (<i>Ardea herodias</i>; CDF S) was observed. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were observed. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, California gull, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), tree swallow (<i>Tachycineta bicolor</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 11, 2021	Nikki Bottum (Biological Monitor, ERM)				0645-1340
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
57	72	4 SE	N	Good	Sunny
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:					
<ul style="list-style-type: none"> • Preening and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adult male foraging; adults bringing food to young in and around the nest; and no feeding of nestlings were observed. • Six (6) kills between both adults were observed. • Adults vocalizing with each other and young. • Two (2) young in nest (AM); one (1) young in nest and three (3) young in the demolition area (PM). • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelican (<i>Pelecanus occidentalis californicus</i>; CDFW FP) were observed. • A white-faced ibis (<i>Plegadis chihi</i>; CDFW Watch List [WL]) was observed. • A great blue heron (<i>Ardea herodias</i>; CDF S) was observed. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other biological resources observations were observed. 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, European starling (<i>Sturnus vulgaris</i>), great blue heron, great egret, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and white-faced ibis.					

NRG Energy Encina Power Station (EPS) Project
BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 12, 2021		Nikki Bottum (Biological Monitor, ERM)			0650-1200	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
57	77	1 SSW	N	Good	Mostly sunny	
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:						
<ul style="list-style-type: none"> • Preening and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to young in and around the nest; and no feeding of fledglings were observed. • Three (3) kills between both adults. • Adults vocalizing with each other and young. • One (1) young in nest; three (3) young in the demolition area; and two (2) actively flying. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; CDFW FP) were observed. • A great blue heron (<i>Ardea herodias</i>; CDF S) was observed. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were observed. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, European starling (<i>Sturnus vulgaris</i>), great blue heron, great egret, house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 14, 2021		Nikki Bottum (Biological Monitor, ERM)			0650-1530	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
61	85	3 WNW	N	Low	Foggy	
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:						
<ul style="list-style-type: none"> • Preening and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to young in and around the nest; and no feeding of nestlings were observed. • Five (5) kills between both adults. • Adults and young were vocalizing. • One (1) young in nest; three (3) young in the demolition area; and three (3) actively flying fledglings were observed. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; CDFW FP) were observed. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were observed. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American bushtit (<i>Psaltiriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American goldfinch (<i>Spinus tristis</i>), American peregrine falcon, California brown pelican, cliff swallow (<i>Petrochelidon pyrrhonota</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 15, 2021		Nikki Bottum (Biological Monitor, ERM)			0700-1530	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
63	84	2 NW	N	Good	Mostly sunny	
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:						
<ul style="list-style-type: none"> • Preening, foraging, and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to young in and around the nest; and no feeding of young were observed. • Five (5) kills between both adults and young (did not see the kill but the fledgling flew in with it escorted by both adults). • Adults and young vocalizing. • Two (2) young in nest (AM); one (1) young in nest and three (3) young in the demolition area (PM); three (3) actively flying, and two (2) foraging in the switchyard and further out. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; CDFW FP) were observed. • A great blue heron (<i>Ardea herodias</i>; CDF S) was observed. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No other biological resources observations were observed. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • No actions requiring follow-up. 						
Wildlife Species Observed						
American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, California brown pelican, cliff swallow (<i>Petrochelidon pyrrhonota</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), mallard (<i>Anas platyrhynchos</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

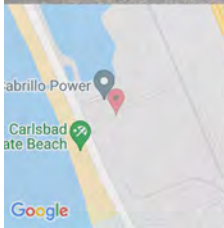
Date	Monitor				Time (Begin-End)
June 16, 2021	Nikki Bottum (Biological Monitor, ERM)				0700-1430
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
64	82	4 S	N	Poor	Foggy
Location(s) of Work Site Activities Monitored					
NRG EPS site.					
Summary of Biological 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:					
<ul style="list-style-type: none"> • Preening, foraging, and feeding of both American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) adults; adults bringing food to young were observed. • Six (6) kills between both adults (2 were ground squirrels). • Adults and young were vocalizing. • Four (4) young in the demolition area (PM); three (3) actively flying and one (1) newly fledged. • No agitated behaviors due to demolition were observed. • No predatory attempt behaviors were observed. 					
Special-Status Species Observed:					
<ul style="list-style-type: none"> • American peregrine falcons were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; CDFW FP) were observed. • A great blue heron (<i>Ardea herodias</i>; CDF S) was observed. • A great egret (<i>Ardea alba</i>; CDF S) was observed. • No additional special-status species were observed. 					
Other Biological Resources Observations:					
<ul style="list-style-type: none"> • No other biological resources observations were observed. 					
Other Observations/Comments:					
<ul style="list-style-type: none"> • Conducted AM and PM checks underneath nest for fatalities and none were observed. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> • No actions requiring follow-up. 					
Wildlife Species Observed					
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), California brown pelican, cliff swallow (<i>Petrochelidon pyrrhonota</i>), European starling (<i>Sturnus vulgaris</i>), house finch (<i>Haemorhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).					

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 19, 2021		Melissa Fowler			09:00-12:10	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
65	83	9	N	Good	100% cloud cover/overcast (AM)	
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:						
<ul style="list-style-type: none"> • No observations were noted. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons (<i>Falco peregrinus anatum</i>; 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]) were observed. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity. • California gulls (<i>Larus californicus</i>; CDFW WL) were observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • A great egret (<i>Ardea alba</i>; CDF S) was observed within the project vicinity. • An osprey (<i>Pandion haliaetus</i>; CDFW WL; CDF S) was observed within the project vicinity. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No additional observations were noted. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • Litter was observed within the EPS site. A litter removal request was submitted to the contractor. • No additional observations were noted. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • A request was submitted to the contractor to conduct litter removal. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, California towhee (<i>Melospiza crissalis</i>), European starling (<i>Sturnus vulgaris</i>), great egret, Heermann's gull (<i>Larus heermanni</i>), house finch (<i>Haemorhous mexicanus</i>), house sparrow (<i>Passer domesticus</i>), mourning dove (<i>Zenaida macroura</i>), osprey, royal tern (<i>Thalasseus maximus</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).						

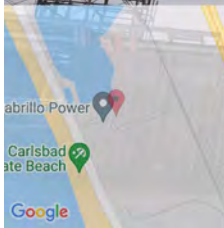
Photo 1



	Decimal	DMS	
Latitude	33.137417	33°8'14" N	
Longitude	-117.336839	117°20'12" W	21°C
2021-06-19(Sat) 09:22(AM)			70°F

Location	EPS site	Description	Litter was observed in the contractor parking lot.
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Photo 2



	Decimal	DMS	
Latitude	33.138121	33°8'17" N	
Longitude	-117.336821	117°20'12" W	21°C
2021-06-19(Sat) 09:24(AM)			70°F

Location	EPS site	Description	Two American peregrine falcons were observed.
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Photo 3



	Decimal	DMS	
Latitude	33.135643	33°8'8" N	
Longitude	-117.334624	117°20'4" W	21°C
	2021-06-19(Sat) 10:43(AM)		70°F

Location	EPS site	Description	Litter was observed along the silt fence.
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Photo 4



	Decimal	DMS	
Latitude	33.135199	33°8'6" N	
Longitude	-117.33431	117°20'3" W	21°C
	2021-06-19(Sat) 10:53(AM)		70°F

Location	EPS site	Description	Litter was observed near the southeastern warehouse.
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Appendix B
Observed Wildlife Species List

**Observed Wildlife Species List June 2021
Encina Power Station**

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American bushtit	<i>Psaltriparus minimus</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American goldfinch	<i>Spinus tristis</i>	--/--/--
American peregrine falcon	<i>Falco peregrinus anatum</i>	BCC/FP/CDF: S
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>	
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/FP/--
California gull	<i>Larus californicus</i>	--/WL/--
California towhee	<i>Melospiza crissalis</i>	--/--/--
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	--/--/--
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
Great egret	<i>Ardea alba</i>	--/--/CDF: S
Heermann's gull	<i>Larus heermanni</i>	--/--/--
Hooded oriole	<i>Icterus cucullatus</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mallard	<i>Anas platyrhynchos</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Osprey	<i>Pandion haliaetus</i>	--/WL/CDF: S
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Royal tern	<i>Thalasseus maximus</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Tree swallow	<i>Tachycineta bicolor</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	--/--/--
White-faced ibis	<i>Plegadis chihi</i>	--/WL/--
Mammals		
California ground squirrel	<i>Otospermophilus beecheyi</i>	--/--/--
Desert cottontail	<i>Sylvilagus audubonii</i>	--/--/--
Reptiles		

Western fence lizard

Sceloporus occidentalis

--/--/--

Source:

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. November 2020. Special Animals List. Periodic publication. 116 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,
JUNE 2021**

No WEAP training required in June 2021

ATTACHMENT F

**CUL-6/PAL-6
PALEONTOLOGICAL RESOURCE MONITORING
JUNE 2021**

No monitoring required in June 2021

ATTACHMENT G

**NOISE-2/COM-11
SUMMARY TABLE OF NOISE HOTLINE CALLS
AND PROJECT RELATED COMPLAINTS
JUNE 2021**

No noise hotline calls or project related complaints in June 2021

**Encina Power Station Demolition
Noise Hotline Calls
September 2019 through June 2021**

Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Corrective Action Completion Date
10/2/2020	10:48 AM	10022020-1	Michelle Peters - Poseidon - email	Carlsbad Desalination Plant inquired about visible emissions during demolition/equipment cutting activities.	Cabrillo Power I LLC responded on 10/2/2020 via email and have continued communications with Poseidon/Carlsbad Desalination Plant. Measures to reduce visible emissions and monitoring (personal and visible emissions estimator) have been implemented and continue to be evaluated.	10/14/2020 - Issue resolved
10/13/2020	6:43 PM	10132020-1	Mr. Halpin - Hotline Call	Community member walking along the western perimeter of Encina, along Carlsbad Blvd, called with concerns about smelling fumes from the demolition activities.	Caller was contacted and the odor issue was discussed. Odor was related to demolition activities associated with cutting the generators. Additional industrial fans have been placed within the power block building during these cutting activities.	10/14/2020 - Issue resolved
10/28/2020	Unk	10282020-2	California OSHA - Letter dated October 22, 2020 and received on October 28, 2020	Letter from CA OSHA regarding anonymous complaint that demolition project was in violation of five (5) separate California Title 8 Code of Regulations.	Cabrillo Power I LLC provided a written response to CA OSHA on November 6, 2020, which individually addressed and provided evidence to support compliance with each of the five (5) California Title 8 Code of Regulations which were alleged to be non-compliant.	11/6/2020 - Issue resolved
11/5/2020	2:38 PM	11052020-2	Tina Carter- SDG&E - Called Cabrillo directly	Mrs. Tina Carter, an employee of SDG&E contacted Encina Power Station directly regarding a complaint she received from an SDG&E Storeroom employee at the Cannon Road SDG&E service center. The storeroom employee was concerned with the air quality of the air he was breathing as he observed smoke emanating from the Encina Power Station powerblock.	In response to the complaint, SDG&E was contacted and informed the work had been discontinued for the remainder of the day. NRG's Air Quality Compliance Manager for the demolition project suspended cutting/torching activities, known as "shotgunning" that use the larger diameter cutting rods, due to the current ambient weather conditions. Mitigation measures were implemented with numerous fans and short duration cutting periods, but may not have been sufficient due the changing ambient weather conditions. A Visible Emissions Evaluator (VEE) was also monitoring and visible emissions were not observed that exceed SDAPCD Rule 50 or criteria in AQ-SC3 or AQ-SC4.	Phone call - 11/05/2020 @2:51PM Issue resolved

**Encina Power Station Demolition
Noise Hotline Calls
September 2019 through June 2021**

Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Corrective Action Completion Date
11/6/2020	1:06PM	11062020-3	Michelle Peters - Poseidon - email	Mrs. Michelle Peters an employee of Poseidon's Desalination Facility emailed Encina Power Station regarding a complaint she received from Poseidon contracted employees regarding concerns related to air quality and a "metallic" odor in the air as a result of smoke emanating from the Encina Power Station powerblock during demolition activities entailing equipment cutting.	In response to the complaint, NRG's Air Quality Compliance Manager responded to Mrs. Peters and explained that the cutting process has been completed, and will not recommence until January 2021. Personal monitoring has been conducted inside the turbine hall and outside during these activities. Area monitoring has been conducted at monitoring stations near Encina gates 2 and 3. Personal and area monitoring stations within the building have recorded data that have been below CA OSHA permissible exposure limits (PELs) for dust and the several monitored metals, including lead, arsenic, and cadmium. Mitigation measures were implemented with numerous fans and short duration cutting periods, but may not have been sufficient due to the direction of the wind. A Visible Emissions Evaluator (VEE) was also monitoring and visible emissions were not observed that exceed SDAPCD Rule 50 or criteria in AQ-SC3 or AQ-SC4	Initial Email response on 11/10/2020 - Final email response on 12/4/2020 - Issue Resolved
11/24/2020	12:00PM	11242020-5	Kristin Hamon - SDG&E- Emailed Cabrillo directly	Mrs. Kristin Hamon, an employee of SDG&E contacted Encina Power Station via email regarding a complaint she received from an SDG&E employee at the Cannon Road SDG&E service center. The employee was concerned with the air quality and when the activities causing the air quality concerns would cease. The question of what Prop 65 exposures to SDG&E employees were occurring at or around the property lines was asked.	The emissions that the SDG&E employee noted were from typical torch cutting of equipment in the basement. The cutting had been conducted during the morning and was completed by the early afternoon. There was a 10-15 mph southwest wind that was present during the cutting which would have moved any emissions away from the SDG&E Cannon Service Center. In response to the complaint, NRG's Air Quality Compliance Manager for the demolition project confirmed that mitigation measures were implemented with numerous fans operating. No visible emissions were observed leaving the Encina power block according to site personnel contacted after the complaint. SDG&E was contacted and informed the work had been discontinued for the remainder of the day, and would not resume again until after the Thanksgiving Holiday period. SDG&E was also informed that prior results from similar activities have indicated results below PELs for Prop 65 listed metals (arsenic, cadmium, chromium and lead).	Email response on 11/24/2020 - Issue resolved

**Encina Power Station Demolition
Noise Hotline Calls
September 2019 through June 2021**

Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Corrective Action Completion Date
11/30/2020	2:41PM	N/A	Terry Cook	Ms. Cook's father was one of the first operators at Encina Power Station. She heard that she may be able to get a piece of the demolition material. She asked if she could have a piece of the demolition material? Would like a call back.	Ms. Cook was contacted and informed that no decisions regarding these types of special requests have been considered yet. The project committed to staying in touch, and communicated that the project will be in a better position during the Summer of 2021 to consider these requests more fully.	Email and phone response on 12/04/2020 - ongoing review
1/7/2021	11:37PM	01072021-7	Kerry Siekmann - Terramar Community Member	Ms. Siekmann contacted the Carlsbad Energy Center Noise Hotline at 11:37PM rather than the Encina Demolition Hotline to indicate that the FAA lights on the Stack/Chimney were not on/illuminated. She expressed a safety concern for aircraft that would rely on the stack lights. Heavy fog was present during Ms. Siekman observations.	Encina Power Station confirmed by inspection of security camera footage at 11:38 PM and 11:43 PM from Carlsbad Energy Center that the FAA stack lights were orking/illuminated. Ms. Siekmann was texted at 11:57 PM that the lights were confirmed to be on/working. Ms. Siekmann responded on January 8 at 9:11 AM that the lights were not visible. Following Ms. Siekmann's text, the lights were again confirmed to be working.	Text response on 01/07/2021 - Issue resolved
1/19/2021	4:00PM	01192021-6	SDAPCD Inspector - Jason LaBlond on behalf of local community member	On January 26, 2021 the San Diego Air Pollution Control District (SDAPCD) notified Encina that a jogger running on Carlsbad Boulevard between 10:00 and 10:30PM on the night of January 19, 2021 complained of an odor and burning eyes. The project's demolition contractor was cutting the Unit 3 stator with a smaller propane/oxygen torch within the powerbock building. Santa Ana-type winds (offshore winds from east to west toward Carlsbad Blvd) were apparent according to NRG personnel who were onsite observing the work and wind direction. Industrial fans were used during torch cutting of the stator to help dissipate potential odors. Cutting was also done intermittently to minimize potential for accumulation of odors or visible emissions. This specific cutting work was conducted from January 19-26, 2021, and no other complaints were reported during this period. This cutting work has been completed.	The SDAPCD inspector was contacted and the work that was being performed was described. The inspector understood the type of activity that was taking place, and had no other questions.	Verbal communication with the SDAPCD inspector 01/27/2021 - Issue resolved

ATTACHMENT H

**TRANS-5
ROADWAY INSPECTION
JUNE 2021**

There was no heavy construction-equipment traffic for demolition of Encina Power Station in June 2021

ATTACHMENT I

TRANS-6
TRANSPORTATION PERMITS
JUNE 2021

There was no transportation permits required in June 2021

**ATTACHMENT J
TRANS-8
TRAFFIC ENCROACHMENT PERMITS
JUNE 2021**

No traffic encroachment permits were obtained in June 2021

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, June 2021.

Phase IV Demolition (Started December 2019)

Potable Water Used*: 464,391 gallons

Reclaim Water Used**: 854,650 gallons

Completed Phase(s)

Phase I Demolition (Completed December 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 December 2019)

Potable Water Used*: 0 gallons

Reclaim Water Used**: 0 gallons

Cumulative Water Use Phase I, II, III, IV

Potable Water Used: 7,652,531 gallons

Reclaim Water Used: 13,999,915 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 June 2021.

ATTACHMENT L

**GEN-2 and TSE-1
MASTER DRAWING LIST UPDATE
JUNE 2021**

No master drawing list exists for demolition in June 2021

ATTACHMENT M

**GEN-3
PROOF OF PAYMENT TO DCBO
JUNE 2021**



WEST COAST CODE CONSULTANTS, Inc.

5000 Executive Parkway, Suite 510

San Ramon, CA 94583

Federal Tax ID #20-4707579

Tel: (925) 275-1700 Fax: (925) 275-0600

E-Mail: LisaK@wc-3.com

NRG Energy Inc
112 Telly Street
New Roads, LA 70760

Date:	July 8, 2021
Invoice No. :	221-06-CARL-01
Due Date:	Upon Receipt
PO Number:	4501900578

Email: invoices@nrg.com, Ralph.Wagner@nrg.com

Type of Service: Delegate Building Official Services

Project: Carlsbad Energy Project
June-2021

Field Inspection

S. Hermsmeyer - DCBO	Miles	Hours	Unit	Per Diem Rate	Rate	Amount
Regular Hours		10.50			\$240.00	\$ 2,520.00
OT Hours		0.00			\$360.00	\$ -
Dbl. OT Hours		0.00			\$480.00	\$ -
Lodging					\$	\$ -
Meals					\$	\$ -
Mileage	304.00				0.56	\$ 170.24

Gary Ray - Onsite Inspector	Hours	Unit	Rate	Amount
Regular Hours	0.00		\$170.00	\$ -
Airfare			\$	\$ -
Lodging			\$	\$ -
Meals			\$	\$ -
Rental Car			\$	\$ -
Parking			\$	\$ -
Gas			\$	\$ -

CBO Staff & Consultants

CBO - G. Senaratne	Hours	Rate	Amount
	0.00	\$ 315.00	\$ -
Airfare		\$	\$ -
Lodging		\$	\$ -
Meals		\$	\$ -
Rental Car		\$	\$ -
Parking		\$	\$ -
Gas		\$	\$ -

CBO - Chris Kimball	Hours	Rate	Amount
	1.50	\$ 315.00	\$ 472.50
Airfare		\$	\$ -
Lodging		\$	\$ -
Meals		\$	\$ -
Rental Car		\$	\$ -
Parking		\$	\$ -
Gas		\$	\$ -

Fire Marshal	0.00	\$ 315.00	\$ -
Lead Structural Plan Review Engineer	0.00	\$ 240.00	\$ -
Lead Electrical Plan Review Engineer	0.00	\$ 240.00	\$ -
Lead Mechanical Plan Review Engineer	0.00	\$ 240.00	\$ -
Lead Civil/Geology Plan Review Engineer	0.00	\$ 240.00	\$ -
Lead Building (Life/Safety) Plan Reviewer	0.00	\$ 240.00	\$ -
Mechanical Plan Review Engineer	0.00	\$ 210.00	\$ -
Electrical Plan Review Engineer	0.00	\$ 210.00	\$ -
Structural Plan Review Engineer	0.00	\$ 210.00	\$ -
Worker Safety Monitor	0.00	\$ 205.00	\$ -
Document Control	1.00	\$ 120.00	\$ 120.00
Project Assistant	0.00	\$ 120.00	\$ -

Supplies

		\$	\$ -
--	--	----	------

Electronic Document Control

Web Based Document Control - Initial Cost		\$	\$ -
Monthly Cost	1	\$ 1,000.00	\$ 1,000.00

Total	\$ 4,282.74
Deposit	\$ -
Total This Invoice	\$ 4,282.74

Pay Period Month: **June 2021**

Role	Employee	Hours	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Total Hours	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
CBO	Giyana Seanaratne	Regular																																
CBO	Chris Kimball	Regular															1.5																	1.5
DCBO	Steve Hermsmeyer	Regular									1.0	1.0																						10.5
DCBO	Steve Hermsmeyer	OT																																
DCBO	Steve Hermsmeyer	DT																																
Lead Onsite Inspector	Chris Garramone	Regular																																
Lead Onsite Inspector	Chris Garramone	OT																																
Lead Onsite Inspector	Chris Garramone	DT																																
Onsite Inspector	Kent Ward	Regular																																
Onsite Inspector	Kent Ward	OT																																
Onsite Inspector	Kent Ward	DT																																
Onsite Inspector	Gary Ray	Regular																																
Onsite Inspector	Gary Ray	OT																																
Onsite Inspector	Gary Ray	DT																																
Fire Marshall		Regular																																
Lead Structural Plan Review Engineer		Regular																																
Lead Electrical Plan Review Engineer		Regular																																
Lead Mechanical Plan Review Engineer		Regular																																
Lead Civil/Geology Plan Review Engineer		Regular																																
Lead Building (Life/Safety) Plan Reviewer		Regular																																
Mechanical Plan Review Engineer		Regular																																
Electrical Plan Review Engineer		Regular																																
Structural Plan Review Engineer		Regular																																
Worker Safety Monitor		Regular																																
Document Control	Lisa Kimball	Regular						1.0																										1.00
Project Assistant	Joshua Molnar	Regular																																

Name:	Steve Hermsmeyer
Month of:	June 2021

WC³ Mileage Report Reimbursement

Mileage Rate \$ **0.560**

Date	Nature of Expense	Job No.	# of Miles	Amount
Tuesday, June 29, 2021	Travel to Encina Demo Project		152	\$85.120
Tuesday, June 29, 2021	Travel from Encina Demo Project		152	\$85.120
TOTAL			304	\$170.24

ATTACHMENT N

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

JUNE 2021

***No DCBO approvals or inspections were conducted for demolition in
June 2021***

**LIST OF DCBO PLAN APPROVALS
AND INSPECTIONS
JUNE 2021**

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

CBO Package No.	Date Submitted	Description	COC

**CBO MECHANICAL INSPECTIONS
JUNE 2021**

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

**WORKER SAFETY-3
CONSTRUCTION SAFETY SUPERVISOR
MONTHLY SAFETY REPORT & SAFETY INCIDENTS
JUNE 2021**

MONTHLY SAFETY REPORT

July 10, 2021

This letter serves as a summary of safety related activities for the month of June 2021.

During the month of June a total of 17 employees completed site training for the Encina Power Station demolition project. Trained personnel consisted of employees from Brandenburg, and Pullman.

Brandenburg had 25 working days in the month of June. On each of these days, safety briefings were held with the individual crews each morning. After each morning briefing, each crew would break off to work areas to put together and complete their Task Safety Analysis prior to beginning work.

Also completed during the month was monthly safety topic covering Heat Stress.

Brandenburg management completed 32 documented safety related inspections.

Brandenburg completed 320 Safety Observations (SOS submittals) for the month of June. See attached documents that review the specific data of these observations.

Sean Greenya, ASP, CHST - Brandenburg Project Safety Manager

Brandenburg®

July 10, 2021

Project Code: MA0842

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

Attn: Tim Sisk
Environmental Manager

Subject: Monthly Onboarding

Dear Mr. Sisk:

This letter confirms that Brandenburg Industrial Services Company performs monthly onboarding and orientation of new employee's. Attached is the monthly onboarding of employee's.

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: May 2021

Monthly OnBoarding	
Name	Training Date
Jose Ortiz--Brandenburg	6/2/2021
Kevin Alvarado—Brandenburg	6/2/2021
Lucila Boquin—Brandenburg	6/2/2021
Jael Oviedo—Brandenburg	6/2/2021
Soila Tamayo—Brandenburg	6/2/2021
Goran Arsov—Brandenburg	6/2/2021
Elder Izaguirre—Brandenburg	6/2/2021
Christian Rojas—Brandenburg	6/2/2021
Josue Garcia—Brandenburg	6/2/2021
Jose Elenes—Brandenburg	6/3/2021
Efrain Gonzalez—Brandenburg	6/3/2021
Candelaria Fernandez—Brandenburg	6/7/2021
Jeff Robinson—Brandenburg	6/9/2021
Bobby Stafford—Brandenburg	6/9/2021
Xiomara Lora—Brandneburg	6/14/2021
Cruz Gomez Avila—Pullman	6/22/2021
Robert Wrischnik—Pullman	6/23/2021

ATTACHMENT P

**WORKER SAFETY-4
CBO SAFETY MONITOR INSPECTION
MONTHLY SAFETY REPORT
JUNE 2021**

	West Coast Code Consultants, Inc. 2400 Camino Ramon Blvd. #240 San Ramon, CA. 94583 925-275-1700				Report #	6/29/2021-0027					
					Page:	1 Of 9					
					Day:	Friday					
					Project #:	# 07-AFC-06C					
DCBO Safety Monitors Site Report											
Project Name	ENCINA DEMOLITION / NRG 07-AFC-06C				Date	6/29/2021					
Project Location	4600 Carlsbad Blvd. Carlsbad, CA. 92008				Time Arrived	1145 hrs.					
General Contractor	BRANDENBERG / BISCO				Time Departed	1530 hrs.					
Inspectors	<input checked="" type="checkbox"/> Field Report		<input type="checkbox"/> Notice to Comply NC #		Date Cleared						
STEVE HERMSMEYER, DCBO	<input type="checkbox"/>	Field Welding	<input type="checkbox"/>	Reinforcing Steel	<input type="checkbox"/>	PT Stressing	<input type="checkbox"/>	Concrete			
Type of inspection Performed	<input type="checkbox"/>	Expansion Bolts	<input type="checkbox"/>	Masonry	<input type="checkbox"/>	PT Placement	<input type="checkbox"/>	Epoxy			
	<input type="checkbox"/>	Structural Steel Erection	<input type="checkbox"/>	Torque or Pull Testing	<input type="checkbox"/>	Fireproofing – MK-6/HY	<input type="checkbox"/>	HS Grout			
WS- 1, WS -4, WS -3	<input checked="" type="checkbox"/>	Other	SAFETY MONITOR RPRT		Weather	Sunny 74 degrees UV 3 Wind 2-3 mph WSW					
Documents Referenced	<input type="checkbox"/>	Soils Report	<input type="checkbox"/>	Plans Dated	<input checked="" type="checkbox"/>	Submittal	WS - 2	<input type="checkbox"/>	RFI #	<input type="checkbox"/>	CBC
Material used:	Site review inspection, interviews										

DOCKET # 07-AFC-06C

Project Name: ENCINA DEMOLITION Phase 4

TIME: 1145 hrs.

Persons Contacted: Ralph Wagner, NRG Project Director; Tommy Brister, NRG Site Safety Manager; Dave Michelsen, NRG Project Manager

DESCRIPTION of VISIT & FINDINGS:

- 1.) Arrived at Guard Station and displayed Entry ID Badge 1145 hrs. Met with Tommy Brister, NRG CSS, new developments Falcons have fledged their nest, Pullman Demo Subcontractor has returned to site and is bringing the stack down to 50'. Estimated to be done by early next week at which time Brandenburg will assume the completion of the stack removal. Ramps to the lower levels are being constructed using materials from the concrete slab demolition. Three ramps are currently being installed this will enable the contractor to begin backfilling the below grade levels within the plant building footprint. Steel scrap is being loaded and sent to a recycler off site.
- 2.) Tour of the site confirmed the access to the majority of the building is no longer feasible. Several large excavations and removal of the Transmission Bay have eliminated that practice. The majority of the craft work force are in the Containment area that work asbestos removal is scheduled for completion this week however estimates are it may extend that activity by 30-45 days. Removal of concrete debris at the stack is underway as Pullman continues to bring the structure down to the limits of their contract.

RECOMMENDATIONS:

It is noted that currently major demolition is underway in several locations onsite foot traffic has been restricted to a limited area craft workers need to be vigilant and communicate with operators and spotters before entering any of the equipment operation areas. Truck traffic has increased and also is a concern. Rebar scrap litters all of the excavation areas sharp edges of roof sheeting and sheared metal should be avoided and not handled by workers.

PHOTOS:

Photo #1: East Facing elevation of Unit #5 & #4 transmission bay is removed on right



Photo #2: Slab thickness at floor levels typical



The DECON units are located on the turbine floor area. The main DECON is accessed for the contaminated material from units 1 & 2 & 3 boilers it is located across from unit 3 turbine. Several smaller 1 person units are located near unit 5 turbine area where asbestos tents are erected. Completed ACM abatement per Unit is as follows:

Unit #1	100%
Unit #2	100%
Unit #3	90%
Unit #4	100%
Unit #5	100%

Transite Panel Abatement:

100% Abated
0% Remaining

Completion of Abatement onsite Scheduled for late Summer 2021

Turbine Machinery Status Removal:

Unit #1	Completed	100%
Unit #2	Completed	100%
Unit #3	Completed	100%
Unit #4	Completed	100%
Unit #5	Completed	100%

Site Work Force.

Brandenberg Supervisors/Managers	20f
Brandenberg Craft Workers onsite	100
Morrow Meadows Electric onsite	0
Pullman Demolition	8

Photo #3: Vertical face after Transite Panel Removal



Photo #4: Transmission Bay area looking north, stack under active demo on right.



Photo #5: View vertical inside remaining stack.



Photo #6: Inside Stack walls



Photo #7: Concrete debris inside stack



Photo #8: Loading trucks scrap steel from transmission bay



Photo #9: Loaded truck leaving site.



Photo #10: Point of attachment of Rail Bridge (removed)



Photo #11: Loading steel



Photo #12: Excavator with claw separating steel prior to loading



Photo #13: Demo point of excavator breaking center walls in water channel areas



Photo #14: Excavator separating rebar.



Photo #15: Constructing ramp to lower level.



Photo #16: Clearing debris from ramp.



Photo #17: Rebar Pile awaiting haul away.



Photo #18: Excavator working on ramp to water channels.



END OF REPORT

ATTACHMENT Q

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

No non-conformance reports for demolition in June 2021