

**DOCKETED**

<b>Docket Number:</b>	07-AFC-06C
<b>Project Title:</b>	Carlsbad Energy Center - Compliance
<b>TN #:</b>	246143
<b>Document Title:</b>	MONTHLY COMPLIANCE REPORT- AUGUST 2022
<b>Description:</b>	MONTHLY COMPLIANCE REPORT- AUGUST 2022
<b>Filer:</b>	Anwar Ali
<b>Organization:</b>	Carlsbad Energy Center LLC
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	9/19/2022 11:36:38 AM
<b>Docketed Date:</b>	9/19/2022



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September 12, 2022

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 ENCI NA POWER STATION  
CONDITION OF CERTIFICATION, COM-6  
AUGUST 2022, MONTHLY COMPLIANCE REPORT

Dear Dr. Ali:

Cabrillo Power I, LLC ("Project Owner") submits the August 2022 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 August 2022, demolition activities were completed with the last remaining structure, Administration building, being demolished, and final grading of former powerblock structures. The demolition contractor, Brandenburg, has completed the demolition scope, and fully demobilized from the site with August 31, 2022 being the last day onsite.

Demolition activities have been completed. A final Monthly Compliance Report (MCR) will be submitted as the September 2022 MCR.

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

Sincerely,

A handwritten signature in blue ink that reads "George L. Piantka". The signature is written in a cursive, flowing style.

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, August 2022

cc: File



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

August 2022

*Submitted by: Cabrillo Power I LLC  
Date Submitted: 09-12-2022*

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- Attachment B: COMPLIANCE-6: Project Schedule, August 2022
- Attachment C: AQ-SC3: Air Quality Construction Compliance Summary, August 2022
- Attachment D: BIO-6: Phase II Biological Resources Monthly Compliance Report
- Attachment E: CUL-5 and PAL-5: Certification of Completion, Worker Environmental Awareness Program
- Attachment F: CUL-6/PAL-6: Paleontological Resource Monitoring
- Attachment G: NOISE-2/COM-11: Noise Hotline Calls and Complaints, August 2022
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- 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. Demolition activities were temporarily suspended on March 20, 2020 due to the COVID-19 pandemic but resumed July 6, 2020.

During the month of August 2022, demolition activities were completed with the last remaining structure, Administration building, being demolished, and final grading of former powerblock structures. The demolition contractor, Brandenburg, has completed the demolition scope, and fully demobilized from the site.

### 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. The demolition contractor, Brandenburg, has completed the demolition scope, and fully demobilized from the site with August 31, 2022, being the last day onsite.

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 and Water Board Correspondence
- k. TRANS-1: Demolition Traffic Control Plan
- l. TRANS-7: Demolition Parking and Staging Plan
- m. WASTE-5: Demolition Waste Management Plan
- n. WORKER SAFETY-1: Demolition Safety and Health Program
- o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
- p. WORKER SAFETY-4: CBO Safety Monitor monthly report
- q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5<sup>th</sup> Revision Notice)

## Updated Compliance Matrices

The Compliance Matrix updated to reflect the ACECP is included in Attachment A.

### III. 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.

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

None

### V. 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.

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

None

VII. 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 (AOCMM) 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

VIII. Additions to on-site compliance file

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

IX. 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 August 2022. 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  
AUGUST 2022

*Project has been completed. No Compliance Matrix is provided.*

ATTACHMENT B

COMPLIANCE-6  
PROJECT SCHEDULE  
AUGUST 2022

*Project has been completed. No Project Schedule is provided.*

ATTACHMENT C

AQ-SC3  
AIR QUALITY CONSTRUCTION  
COMPLIANCE SUMMARY  
AUGUST 2022

*The final Air Quality Construction Compliance Summary Report is  
submitted with this August 2022 MCR.*



## 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 AQCM), NRG Energy, Inc.

DATE: September 12, 2022

COMPLIANCE PERIOD: August 2022

This compliance memorandum summarizes the activities conducted in July 2022 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.

During the month of August 2022, demolition activities were completed with the last remaining structure, Administration building, being demolished, and final grading of former powerblock structures completed. The demolition contractor, Brandenburg, has completed the demolition scope, and fully demobilized from the site.

There are no additional air quality concerns or requirements associated with conditions of certification to monitor and/or manage related to the demolition of the Encina Power Station. This August 2022 Air Quality Construction Compliance Summary is the final monthly air quality report that will be submitted on behalf of the Encina Power Station demolition.

#### **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</u> <u>(Removal</u> <u>Date)</u>	<u>CARB ID</u>	<u>S/N</u>	<u>Equipment</u>	<u>Engine Data</u>	<u>Die</u> <u>sel</u> <u>hp</u>	<u>Tier</u>	<u>Equipment</u> <u>Owner</u> <u>(Renter)</u>
11/11/2019 (08/17/2022)	FP4A83	41935	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG200	92	4I	BISCO
11/11/2019 (08/24/2022)	GC4A66	41936	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG2732	92	4I	BISCO
11/11/2019 (08/17/2022)	YG9P77	41937	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG4188	92	4I	BISCO
01/07/2020 (08/29/2022)	JN8S95	41951	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060110LELO2	92	4	BISCO
01/07/2020 (08/04/2022)	XY9V35	41952	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060108LELO2	92	4	BISCO
02/21/2020 (08/17/2022)	BT4G48	A97047	Komatsu Loader WA500-8	Komatsu, KKLXL15.2EDC SN: 834073	357	4	BISCO
03/16/2020 04/09/2021 (08/17/2022)	KP3K59	41956	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9059852LELO2	92	4	BISCO
07/24/2020 (08/30/2022)	RP6M67	WLHZ- 1488KZC049084	Liebherr 926 WLC	Liebherr, KCHA27.01SQC. D34P, SN: 2018038427	268	4	BISCO
09/21/2020 (08/09/2022)	FF8U93	10167	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2017 04 2818	326	4	BISCO
04/05/2021 (08/01/2022)	DG6D66	48966	Liebherr 976 WLC	Liebherr, JLHAL16.2VQC. D9508, SN: 2018 14 1636	544	4	BISCO
04/09/2021 (08/17/2022)	YF7677	MKL00395	Caterpillar 973	CATERPILLAR KCPXLO9.3HTF	275	4	BISCO



				SN: SYE3625			
5/10/2021 (08/30/2022)	KC8N56	Pelican Elgin Sweeper	NP41124	JD Power Systems, GJDXL04.5304, 4045TFC03A.6, SN: R5207781- R52483	74	4	BISCO
6/22/2021 (08/02/2022)	PK6C74	0300264114	JLG/800AJ	Deutz, KDZXL02.9020 , TD2.9L4, 2.9L, SN: 12371495	67	4	Sunbelt BISCO
07/30/2021 (08/19/2022)	VD5E49	52247	Liebherr 956 WLC	Liebherr, LLHAL10.5SQC. D9508, SN: 2018 14 1636	364	4	BISCO
10/5/2021 (08/26/2022)	HG4T96	35074	Liebherr R956 Excavator	Liebherr, KLHAL10.5SQC. D936 A7-24, SN: 2019041903	364		BISCO
10/21/2021 (08/19/2022)	AX6V38	51743	Liebherr R956 Excavator	Liebherr, KLHAL10.5SQC. D936 A7-24, SN: 2019 04 1434	364	4	BISCO
10/27/2021 (08/22/2022)	NP4B86	1T0550KKELF370574	JD550 Dozer	John Deere, KJDXL06.8302 SN: PE4045U109046	85	4	Sunbelt BISCO
02/09/2022 (08/30/2022)	BX9V87	0160104444	Skytrak 12k Lull	Cummins, LCEXL03.8AAC. QSF3.8, SN: 22419165	74	4	Sunbelt BISCO
03/24/2022 (08/19/2022)	JG7R39	VCES115BLOS236859	VOLVO 84" ROLLER SD115B	DEUTZ, MDZXL04.1054 D4J, SN: 12659012	148	4	SUNSTATE BISCO
06/04/2022 (08/17/2022)	HJ4E96	K0140027	Kleeman MC110 Crusher	SCANIA AB, KY9XL09.3DAA SN: 7213768	203	4	BISCO
7/12/2022 (08/29/2022)	XP8D45	101585401328	BOMAG 84" ROLLER	DEUTZ, EDZXL03.6017 TCD3.6L4, SN: 11678993	120	4	Sunbelt BISCO
7/15/2022 (08/22/2022)	NT8W49	H2100620	HAMM 84" ROLLER	DEUTZ, EDZXL03.6017 TCD3.6L4, SN: 11609754	114	4	Sunbelt BISCO
7/27/2022 (08/17/2022)	XW9G36	XKW02199	CAT D3	PERKINS, NPKXL03.6FX1. C3.6, SN: J3649222	110	4	H&E Equipment BISCO



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

## Attachment A

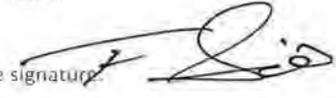
# Air Quality Control Checklists

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 1, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify material and location in Site Figure Map	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCM or AQCM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

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.	Not applicable this day	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature



Date:

August 2, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:
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.	Not applicable this day	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

<b>On Going Diesel Requirements</b>	<b>Checklist Criteria:</b>	<b>Response:</b>	<b>Notes:</b>
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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature



Date:

August 3, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveq yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

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

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

AQCMP or designee name:  
Date: See cover page for date

\_\_\_\_\_  
Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

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

**On Going Diesel Requirements**

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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

8/4/2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Not applicable this day		
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting			
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.			
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>			

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

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

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

AQCMP or designee name:

\_\_\_\_\_  
Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 5, 2022

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 - <u>identify</u> location of signs in Site Figure Map	Y	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - <u>identify</u> location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
Demolition Haul Trucks - Within the Encina Power Station Property	Travel limited to paved or graveled surfaces - <u>Note Routes on Site Figure Map</u>	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 resuming the activity that caused the shut-down.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

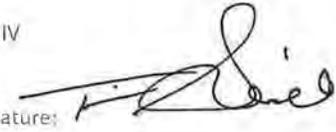
On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 6, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

8/8/2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
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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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:
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.	Not applicable this day	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 9, 2022

**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	Posted
Construction Eq Vehicle tires.	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>Identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>3</sup>		

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

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:
		Time Implemented / Notes
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Not applicable this day	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>4</sup>		

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature



Date:

August 10, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name: Timothy Sisk

Date: August 11, 2022

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily On Going Requirements

AQCMP or designee signature: 

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

<b>On Going Diesel Requirements</b>	<b>Checklist Criteria:</b>	<b>Response:</b>	<b>Notes:</b>
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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 12, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>Identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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 shut-down 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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

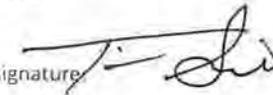
On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature



Date:

8/13/2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

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

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

<b>On Going Diesel Requirements</b>	<b>Checklist Criteria:</b>	<b>Response:</b>	<b>Notes:</b>
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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited;(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 15, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	Mitigation Measure Implemented:	Date / Time Identified:	Time Implemented / Notes
	Not applicable this day		
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 AQCMIM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>			

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

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

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

8/16/2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveq yet.
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.





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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 17, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

Area Affected / Source:	Mitigation Measure Implemented:	Date / Time Identified:
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.	Not applicable this day	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. <sup>2</sup>		

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

**Checklist Criteria:**

**Response:**

**Notes:**

	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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited: (Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 18, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

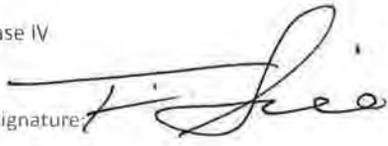
On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

8/19/22

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file.	Equipment Updated (Y/N/NA):	Y	Documentation on Server
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All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 22, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations; Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
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.		

**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.	Not applicable this day	
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.		

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

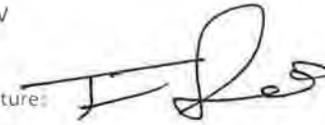
On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated (Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (Y/N):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file,	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained.	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement, Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 23, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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 IIS will not occur upon restarting the activity that caused the shut-down.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

<b>On Going Diesel Requirements</b>	<b>Checklist Criteria:</b>	<b>Response:</b>	<b>Notes:</b>
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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
Documentation of acceptable engine tier is on file,	Equipment Updated (Y/N/NA):	Y	Documentation on Server
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated (Y/N/NA):	Y	Monthly letter on file and in MCR
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited;(Y/N)	Y	Idling requirement is complied with
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 24, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.



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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

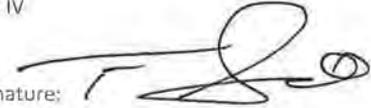
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 25, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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	Covered as needed
Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet
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.

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

**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	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 26, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
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.

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

AQCMP or designee name:

\_\_\_\_\_  
Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

Date: See cover page for date

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

**On Going Diesel Requirements**

**Checklist Criteria:**

**Response:**

**Notes:**

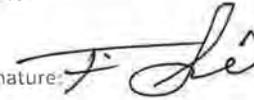
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss

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

AQCMP or designee name:

Timothy Sisk

AQCMP or designee signature:



Date:

August 22, 2022

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	Posted
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving site	Y	As necessary
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	Watering conducted
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	Rockbags in Place
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	Y	Gravel ramps installed
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - <u>identify material and location in Site Figure Map</u>	Y	Gravel installed
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	Y	Swept regularly
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	Swept as needed
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	Trucks are covered
Storage areas unactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	Y	Covered as needed
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Disturbed areas	Re-Vegetated as soon as possible	N/A	No Reveg yet.
Demolition Haul Trucks - Within the Encina Power Station Property	Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	Y	

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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: See Cover Page for Date

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

Definition of Areas	Requirement	Specific Location / Area:
<i>Identify Area</i>	200 feet beyond the centerline of the construction of linear facilities	
<i>Identify structures</i>	within 100 feet upwind of any regularly occupied structures	
<i>Identify distance / marker</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:	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	Not applicable this day	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQ-CMM or AQ-CMM Delegate shall direct a temporary shutdown of the activity causing the emissions. <sup>1</sup>		

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

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

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

AQCMP or designee name:

\_\_\_\_\_  
Timothy Sisk

AQCMP or designee signature: See Cover Page for Signature

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

**On Going Diesel Requirements**

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):	Y	All equipment is Tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	Y	All equipment is Tagged
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A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	No other regulations to discuss



## Attachment B

# Diesel Engine Tier and Maintenance

# Documentation

# Brandenburg®

---

August 31<sup>st</sup>, 2022

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 demobilized from the site in August. All equipment has been removed by the close of the month.

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:** August

Equipment Number	Tier 4 Inspection	Description	Equipment Move on	Equipment Move Off	EIN #
41935	Green; #2; 11/21/2019	Bobcat S770	11/11/2019	08/17/2022	FP4A83
41936	Green; #3; 11/21/2019	Bobcat S770	11/11/2019	08/24/2022	GC4A66
41937	Green; #4; 11/21/2019	Bobcat S770	11/11/2019	08/17/2022	YG9P77
37037	N/A	Air Compressor	12/12/2019	08/30/2022	N/A
41951	Green; #6; 1/07/2020	Bobcat S770	1/7/2020	08/29/2022	JN8S96
41952	Green; #7; 1/07/2020	Bobcat S770	1/7/2020	08/04/2022	XY9V35
25225	Green; #13; 02/24/2020	Komatsu WA500 Loader	2/21/2020	08/29/2022	BT4G48
41956	Green; #15 04/09/2021	Bobcat S770	4/09/2021	08/29/3031	KP3K59
10263	Green; #20 7/28/2020	Liebherr 926 Track Excavator	7/27/2020	08/30/2022	RP6M67
10166	Green; #28 09/27/2020	Liebherr R956 Track Excavator	9/26/2020	07/06/2022	XG3J59
10167	Green; #26 09/22/2020	Liebherr R956 Track Excavator	9/21/2020	08/09/2022	FF8U93
00990	N/A	Doosan G70 Generator	12/14/2020	08/04/2022	N/A
00981	N/A	Dustboss Generator	12/14/2020	08/04/2022	N/A
10021	Green #36 04/12/2021	976 Lienherr	04/05/2021	08/01/2022	DG6D66
25041	Green #16 04/09/2021	973 Track Loader	4/9/2021	08/17/2022	YF7677

# Brandenburg®

30474	Green #42	Street Sweeper	5/10/2021	08/30/2022	KC8N56
10182623 (Rental)	Green #47 06/21/2021	JLG 80' Manlift	6/21/2021	08/02/2022	PK6C74
10171	Green #51 07/30/2021	Liebherr 956 Track Excavator	07/30/2021	08/19/2022	VD5E49
24459806 (Rental)	N/A	Trench Roller	08/19/2021	08/30/2022	N/A
10169	Green #55 10/5/2021	Liebherr 956 Track Excavator	10/5/2021	08/26/2022	HG4T96
10162	Green #60 10/21/2021	Liebherr 956 Excavator	10/21/2021	08/19/2022	AX6V38
10324769 (Rental)	Green #71 02/09/2022	JLG Skytrak Lull	2/09/2022	08/30/2022	BX9V87
Sunstate (Rental)	N/A	Water Truck	07/31/2022	08/26/2022	N/A
10338299	Green #73 3/18/2022	JD450 Dozer	3/18/2022	08/22/2022	NP4B86
208737	Green #76 03/24/2022	Volvo 84' Roller	3/24/2022	08/19/2022	JG7R39
Sunbelt (Rental)	Green #62	JD550 Dozer	06/22/2022	08/26/2022	NP4B86
30015	Green #63	Kleemann MC110 Crusher	04/19/2022	08/17/2022	HJ4E96
101585401328	07/12/2022	BOMAG 84" ROLLER	07/12/2022	08/29/2022	XP8D45
H2100620	07/15/2022	HAMM 84" ROLLER	07/15/2022	08/22/2022	NT8W49
XKW02199	07/27/2022	Cat D3	07/27/2022	8/29/2022	XW9G36

**BRANDENBURG INDUSTRIAL SERVICE COMPANY**

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

ATTACHMENT D

BIO-6  
PHASE IV BIOLOGICAL RESOURCES  
MONTHLY COMPLIANCE REPORT  
AUGUST 2022

Cabrillo Power I LLC

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

August 2022 Reporting Period

September 2022

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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 August 1 through August 31, 2022, 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 August 2022 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 monthly during the nesting season since the majority of demolition has been completed. 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 (WOFs) 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**

There are no active nests or ESA buffers on-site. A list of wildlife species observed during the monitoring events are included in Appendix B.

## 2.3

### **SPECIAL-STATUS SPECIES**

Three special-status avian species were observed during the reporting period, which included California brown pelican (*Pelecanus occidentalis californicus*; CDFW Fully Protected [FP]), double-crested cormorant (*Phalacrocorax auratus*; CDFW Watch List [WL]), and great blue heron (*Ardea herodias*; California Department of Forestry [CDF] Sensitive [S]). California Natural Diversity Database (CNDDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDDB data submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are

not added (CDFW, 2016)<sup>1</sup>. 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 Migratory Bird Treaty Act (MBTA) were observed within the EPS site. A list of wildlife species observed during the monitoring events are included in Appendix B.

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

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

## **2.5 HAZARDOUS MATERIAL SPILLS**

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

## **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.

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

*Appendix A*  
*Biological Resources Compliance Monitoring Log*

## NRG Energy Encina Power Station (EPS) Project

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
August 22, 2022	Melissa Fowler				10:20-12:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
72	76	5	N	Good visibility (10 mi)	100% cloud cover
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><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li>• No observations were noted.</li> </ul> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>• California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]) were observed within the project vicinity.</li> <li>• Double-crested cormorants (<i>Nannopterum auritum</i>; CDFW Watch List [WL]) were observed within the project vicinity.</li> <li>• A great blue heron (<i>Ardea herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.</li> <li>• No additional special-status species were observed.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>• Coyote (<i>Canis latrans</i>) and raccoon (<i>Procyon lotor</i>) tracks were observed.</li> <li>• No additional observations were noted.</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>• Litter was observed within the EPS site. A request was submitted to the contractor to conduct litter removal.</li> <li>• No additional observations were noted.</li> </ul>					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> <li>• A request was submitted to the contractor to conduct litter removal.</li> </ul>					
Wildlife Species Observed					
<p>Allen's hummingbird (<i>Selasphorus sasin</i>), American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird (<i>Calypte anna</i>), California brown pelican, double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch (<i>Haemorhous mexicanus</i>), lesser goldfinch (<i>Spinus psaltria</i>), marsh wren (<i>Cistothorus palustris</i>), mourning dove (<i>Zenaidura macroura</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), side-blotched lizard (<i>Uta stansburiana</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), and western gull (<i>Larus occidentalis</i>).</p>					

**Photo 1**



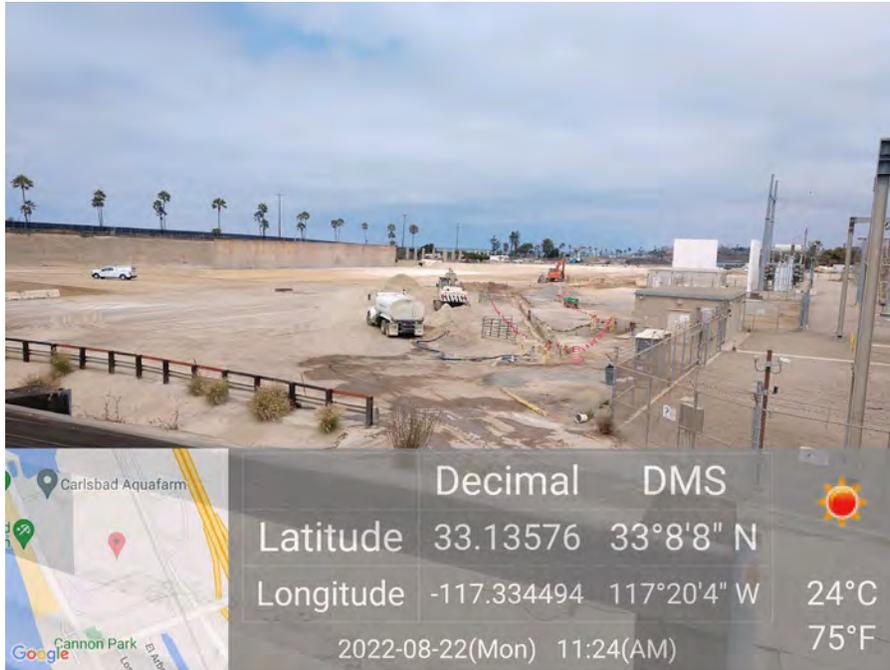
<b>Location</b>	EPS site	<b>Description</b>	Overview of demolition site.
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**Photo 2**



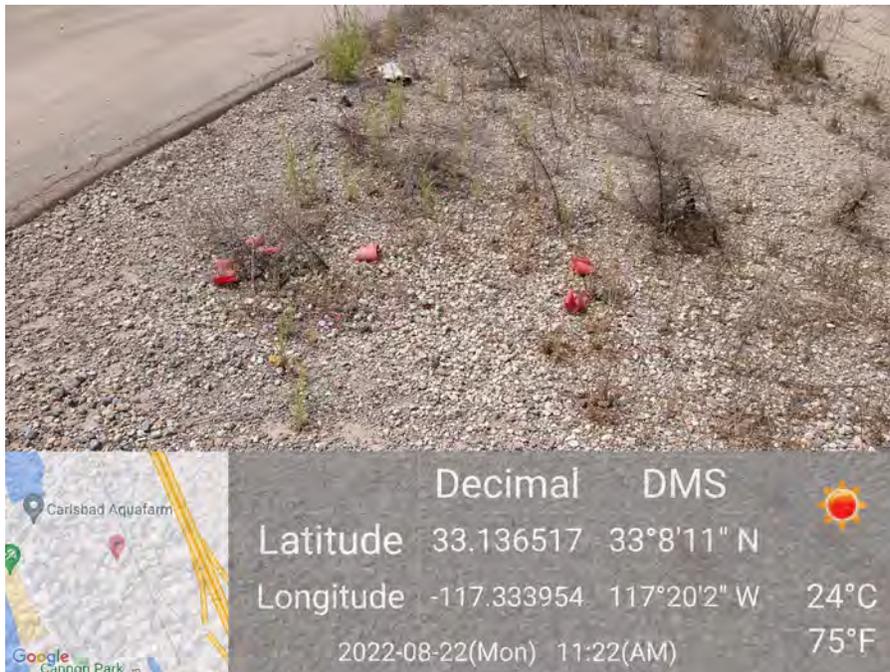
<b>Location</b>	EPS site	<b>Description</b>	Overview of the northern staging area.
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Photo 3



<b>Location</b>	EPS site	<b>Description</b>	Overview of demolition activities.
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Photo 4



<b>Location</b>	EPS site	<b>Description</b>	Litter was observed near the haul road.
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*Appendix B*  
*Observed Wildlife Species List*

**Observed Wildlife Species List August 2022  
Encina Power Station**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Status Federal/State/Other</b>
<b>Birds</b>		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/FP/--
Double-crested cormorant	<i>Nannopterum auratus</i>	--/WL/--
European starling	<i>Sturnus vulgaris</i>	--/--/--
Great blue heron	<i>Ardea herodias</i>	--/--/CDF: S
House finch	<i>Haemorhous mexicanus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Marsh wren	<i>Cistothorus palustris</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
<b>Mammals</b>		
Coyote (tracks and scat)	<i>Canis latrans</i>	--/--/--
Raccoon (tracks)	<i>Procyon lotor</i>	--/--/--
<b>Reptiles</b>		
Side-blotched lizard	<i>Uta stansburiana</i>	--/--/--
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

**Source:**

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. January 2022. Special Animals List. Periodic publication. 121 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:**

- 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,  
AUGUST 2022

*No WEAP training required in August 2022*

ATTACHMENT F

CUL-6/PAL-6  
PALEONTOLOGICAL RESOURCE MONITORING  
AUGUST 2022

*No monitoring required in August 2022*

ATTACHMENT G

NOISE-2/COM-11  
SUMMARY TABLE OF NOISE HOTLINE CALLS  
AND PROJECT RELATED COMPLAINTS  
AUGUST 2022

*There were no noise or project related complaints for demolition of  
Encina Power Station in August 2022*

**Encina Power Station Demolition  
Noise Hotline Calls  
September 2019 through August 2022**

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 August 2022**

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 August 2022**

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

**Encina Power Station Demolition  
Noise Hotline Calls  
September 2019 through August 2022**

Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Corrective Action Completion Date
6/3/2022	2:59PM	06022022-8	Kerry Siekmann - Terramar Community Member	A formal complaint was issued by Ms. Siekmann to the California Energy Commission (CEC), San Diego Air Pollution Control District (SDAPCD), and Project Owner on June 3, 2022 regarding the demolition of the Unit 4 boiler and steel structure on May 10, 2022. The local resident had observed a video of the Unit 4 demolition which had been posted to social media (Instagram, YouTube, Twitter). The resident alleged the video demonstrated (1) the Unit 4 Boiler was in violation of California Energy Commission (CEC) License air quality Condition of Certification (COC) AQ-SC13 which prevents the felling of demolition of concrete and/or masonry structures, and (2) the visible emissions generated from the demolition left the property boundaries.	SDAPCD inspector conducted an on-site inspection and reviewed the demolition video on June 6, 2022, orally noted that there was no observed non-compliance issues associated with visible dust emissions in the referenced video. SDAPCD's Supervising Air Quality Inspector responded to the Ms. Siekmann's complaint via email on June 9, 2022, communicating that from his review, the project appeared to have followed visible dust emissions requirements and all other related SDAPCD rules and regulations. The onsite Alternate Air Quality Construction Mitigation Manager observed the demolition and noted the visible emissions did not leave the property boundaries. The CEC also requested a response from the Project Owner regarding the alleged violations. The Project Owner submitted responses to the CEC which negated Ms. Siekmann's complaint and is confident that all CEC and SDAPCD rules and regulations were adhered to.	Written communication with the CEC 06/27/2022 - Issue resolved

ATTACHMENT H

TRANS-5  
ROADWAY INSPECTION  
AUGUST 2022

*There was no heavy construction-equipment traffic for demolition of Encina Power Station in August 2022*

ATTACHMENT I

TRANS-6  
TRANSPORTATION PERMITS  
AUGUST 2022

*There were no transportation permits required in  
August 2022*

ATTACHMENT J  
TRANS-8  
TRAFFIC ENCROACHMENT PERMITS  
AUGUST 2022

*No traffic encroachment permits were obtained in  
August 2022*

ATTACHMENT K

SOIL&WATER-2  
CONSTRUCTION WATER USAGE SUMMARY

SOIL&WATER-9  
WASTEWATER SUMMARY & WATER BOARD CORRESPONDENCE

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

Water use Summary, August 2022.

Phase IV Demolition (Started December 2019)

Potable Water Used\*: 817,969 gallons

Reclaim Water Used\*\*: 5,750,200 gallons

---

Completed Phase(s)

Phase I Demolition (Completed August 2016)

Potable Water Used: 612,700 gallons

Reclaim Water Used: 0 gallons

Phase II Construction Total Water Use (Completed December 2018)

Potable Water Used: 6,575,440 gallons

Reclaim Water Used: 13,145,265 gallons

Phase III Decommissioning (Completed October 2019)

Potable Water Used\*: 0 gallons

Reclaim Water Used\*\*: 0 gallons

---

Cumulative Water Use Phase I, II, III, IV

Potable Water Used: 8,006,109 gallons

Reclaim Water Used: 18,895,465 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 August 2022.*

ATTACHMENT L

GEN-2 and TSE-1  
MASTER DRAWING LIST UPDATE  
AUGUST 2022

*No master drawing list exists for demolition in  
August 2022*

ATTACHMENT M

GEN-3  
PROOF OF PAYMENT TO DCBO  
AUGUST 2022

*There is no proof of payment from DCBO for demolition of Encina  
Power Station in August 2022*

ATTACHMENT N

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

AUGUST2022

*No DCBO approvals or inspections were conducted for demolition in  
August 2022*

LIST OF DCBO PLAN APPROVALS  
AND INSPECTIONS  
AUGUST 2022

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

CBO Package No.	Date Submitted	Description	COC

CBO MECHANICAL INSPECTIONS  
AUGUST 2022

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

WORKER SAFETY-3  
CONSTRUCTION SAFETY SUPERVISOR  
MONTHLY SAFETY REPORT & SAFETY INCIDENTS  
AUGUST 2022

*The final Construction Safety Supervisor Monthly Safety & Incident Report is submitted with this August 2022 MCR.*

**MONTHLY SAFETY REPORT**

September 1, 2022

This letter serves as a summary of safety related activities for the month of August 2022.

During the month of August, (0) employee site training for the Encina Power Station demolition project.

Brandenburg had 26 working days in the month of August. 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 of August, our Monthly Safety Topic was discussed. This training consisted of Emergency Preparedness.

Brandenburg management completed 14 documented safety related inspections.

All work has been completed and the site has been demobilized by the end of the month.

Orlando Gonzalez - Brandenburg Safety Manager

September 1, 2022

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. No onboarding was performed in the month of August and all field operations were completed. 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.

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**DIVISION OFFICE**

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Bethlehem, PA 18015-1982  
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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:** August 2022

Monthly OnBoarding	
Name	Training Date
N/A	N/A

ATTACHMENT P

WORKER SAFETY-4  
CBO SAFETY MONITOR INSPECTION  
MONTHLY SAFETY REPORT  
AUGUST 2022

*The final CBO Monitor Inspection & Safety Report is submitted with  
this August 2022 MCR.*

	<b>West Coast Code Consultants, Inc.</b> <b>5000 Executive Parkway, Suite 501</b> <b>San Ramon, CA. 94583</b> <b>925-275-1700</b>				Date:	9/1/2022					
					Page:	1 of 14					
					Day:	Thursday					
					CEC Docket:	07-AFC-06C					
<b>DCBO Inspection &amp; Safety Monitor Report</b>											
Project Name	ENCINA DEMOLITION / NRG (Docket# 07-AFC-06C)				Date	9/1/2022					
Project Location	4600 Carlsbad Blvd. Carlsbad, CA. 92008				Time Arrived	11:00 AM					
General Contractor	BRANDENBERG				Time Departed	12:00 PM					
Inspectors	<input checked="" type="checkbox"/> Field Report		<input type="checkbox"/> Notice to Comply NC #		Date Cleared	N/A					
Chris Kimball, 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	<b>Safety Monitor Report</b>		Weather	Foggy to Sunny; 71-degrees; Wind = 7mph					
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										

**Project Name: ENCINA DEMOLITION (Phase 4 of Docket) – DOCKET #07-AFC-06C**

**TIME: 11:00 AM – 12:00 PM**

**PERSONS CONTACTED:** Ralph Wagner, NRG Project Director

**SUMMARY & RECOMMENDATIONS:**

This was a final inspection of the site to confirm that it complies with the appropriate Conditions of Certification as well as the Brandenburg “Abatement and Demolition – Execution Plan” that was reviewed and approved at the commencement of the project. Photos follow showing the condition of the site, but at this point the site has been properly brought to grade, the demolition contractor has demobilized, and the overall site is clean and complies with the documents noted above. From a DCBO and Safety Monitor perspective this project can be deemed complete.

**PHOTOS:**



**Photo #1:** This image shows the slab-on-grade for the old administration/office building. The City Fire Department wanted the curbing and slab to remain for purposes of setting equipment and to provide parking.



**Photo #2:** This is the parking area around the administration and office building that the Fire Department wanted to leave in place for their use.



**Photo #3:** This shows the slab-on-grade for the old warehouse structure. This is where the Fire Department will be placing their portable offices with a sprung structure in the background where the cones are shown that will house the fire department vehicles.



**Photo #4:** Besides the main guard shack, all that NRG has onsite are four of these small containers. They store miscellaneous items and one serves as the security shack until the permanent security system is in place.



**Photo #5:** This photo was taken from the tunnel area at the North of the building housing Units 1-5 looking South. The area has been graded smooth and no foundations are showing.



**Photo #6:** The sloped areas have K-barrier at the top with ropes to keep people or vehicles from traversing the slopes.



**Photo #7:** This is a view of the old tank farm area where fill materials was stored and then used to fill in the tunnels and below-grade areas. It was estimated that over 100,000 cubic yards of fill was placed. This area is clean and well-graded.



**Photo #8:** This shows the area East of the switchyard. There were two metal warehouse structures that used to be in this area which have now been removed. The entire area is clean and level.



**Photo #9:** The only item remaining in the area to the East of the switchyard are these two transformers that belong to SDG&E. They have been drained and decommissioned and SDG&E has been notified that they can be removed at any time.



**Photo #10:** This is taken from the road on the south of the property looking East. Again, the area is clean and all non-surfaced areas have been graded.



**Photo #11:** This photo was taken from the south road looking north. The entire area that housed Units 1-5 has been graded smooth and no foundations are showing. The site is sloped to drain to the south-east corner where existing sumps are provided.



**Photo #12:** This photo shows the southeast corner and the sump areas where the main site drains to.



**Photo #13:** The area to the west of the switchyard is clean and graded to slope to the west.

**END OF REPORT**

ATTACHMENT Q

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

*No non-conformance reports for demolition in  
August 2022*