DOCKETED	
Docket Number:	07-AFC-06C
Project Title:	Carlsbad Energy Center - Compliance
TN #:	235256
Document Title:	Monthly Compliance Report August 2019
Description:	Monthly Compliance Report- August 2019: Demolition of Encina Power Station.
Filer:	Anwar Ali
Organization:	Carlsbad Energy Center LLC
Submitter Role:	Commission Staff
Submission Date:	10/15/2020 9:05:18 AM
Docketed Date:	10/15/2020

Cabrillo I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008
Phone: 760-930-1505
Fax: 760-268-4000

September 11, 2020

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

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

Dear Dr. Ali:

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

Demolition activities recommenced during the week of July 6-10, 2020 following an approximate 4-month suspension in response to COVID-19 guidance. Demolition activities and additional staff remobilization occurred during the month of August 2020. Biological surveys and Construction Storm water inspection were also conducted in August 2020.

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

Sincerely,

George L. Piantka, PE
Sr. Director, Regulatory Environmental Services
NRG West Region

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

Amended Carlsbad Energy Center Project Encina Power Station Demolition (07-AFC-06C)

California Energy Commission Monthly Compliance Report COM-6

August 2020

Submitted by: Cabrillo Power I LLC
Date Submitted: 09-10-2020

Table of Contents

List of Attachments

I. Summary

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

a. Demolition Status

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

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

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

Full-scale demolition activities and additional staff remobilization occurred during the month of August 2020.

b. Revised/Updated Schedule

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

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

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

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

II. List of documents submitted to meet specific conditions

a. AQ-SC2:Air Quality Demolition Mitigation Plan
b. AQ-SC3: Construction Fugitive Dust Control - Air Quality Compliance Monthly Report.
c. AQ-SC4: Dust Plume Response Requirement - Air Quality Compliance Monthly Report.
d. AQ-SC5: Diesel-Fueled Engine Control – Air Quality Compliance Monthly Report.
e. GEN-1: CBO Notice
f. NOISE-1: Community Mailer and Noise Complaint Hotline Number
g. NOISE-3: Noise Control Program
h. SOIL&WATER-2: Non-Potable Construction Water Use Plan
    i. SOIL&WATER-2&6: Construction water usage summary.
i. SOIL&WATER-4&9: SDRWQCB email dated 11/22/2019
j. SOIL&WATER-9: Wastewater disposal summary
k. TRANS-1: Demolition Traffic Control Plan
l. TRANS-7: Demolition Parking and Staging Plan
m. WASTE-5: Demolition Waste Management Plan
n. WORKER SAFETY-1: Demolition Safety and Health Program
o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
p. WORKER SAFETY-4: CBO Safety Monitor monthly report
q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5th Revision Notice)

III. Updated Compliance Matrices

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

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

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

AQ-SC12 - Provide status on the start and conclusion of each phase of work. See **Attachment C**.

COM-11/NOISE-1: Noise hotline log and complaint resolution process. See **Attachment G**.

TRANS-5: Performed roadway inspections. See **Attachment H**.

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

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

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

None

VI. Cumulative list of approved changes to conditions of certification

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

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

None

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

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

a. AQ-SC1: Air Quality Construction Mitigation Manager (AQCMM) will implement the monitoring and reporting requirements of AQ-SC2, AQ-SC3, AQ-SC4, and AQ-SC5.
b. BIO-5: Worker Environmental Awareness Plan training (*if required*)
c. BIO-6: Monitoring and reporting as required per the BRMIMP.
d. COMPLIANCE-6: Submit Monthly Compliance Reports.
e. SOIL&WATER-2: Water usage summary.
f. TRANS-5: Inspection reports on roadway conditions.
g. TRANS-6: Provide summary of overweight or oversized vehicle permits as needed.
h. TRANS-8: Provide a summary of encroachment permits obtained or utilized during the reporting month.
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.

IX. Additions to on-site compliance file

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

X. List of complaints, notices of violation, official warnings, citations received during month, description of resolutions of any resolved complaints and status of any unresolved complaints

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

CEC CONDITIONS OF CERTIFICATION

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

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

CEC CONDITIONS OF CERTIFICATION

GEN	**1**	c	CBO	N	The project owner shall design, construct, and inspect the project in accordance with the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously). The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility, including the demolition of above-ground fuel oil storage tanks 1, 2, and 4 (ASTs 1, 2, and 4), and the demolition of the Encina Power Station (EPS) (2013 CBC, Appendix Chapter 1, §1.1.3, Scope). All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this document. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2013 CBSC is in effect, the 2013 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	**Comments Received from CBO on Execution Plan on 12/4/19 Comments returned to CBO on 1-9-20. CBO approved on 1/22/2020**	**01/09/2020**	**1/22/2020**
HAZ	7		Security Plan	Y	Prior to commencing tank demolition, a site-specific Demolition and Construction Site Security Plan for the tank demolition and construction phases shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the demolition and construction areas; 2. security guards; 3. site access control consisting of a check-in procedure or tag system for demolition and construction personnel and visitors; 4. written standard procedures for employees, contractors, and vendors when encountering suspicious objects or packages on-site or off-site; 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency; and 6. evacuation procedures.	**Submitted to CEC**	**11/6/2019**	**11/19/2019**
NOISE	**1**		**Notice**	**Y**	**At least 15 days prior to the start of any demolition activities associated with the amended CECP, the project owner shall notify the city of Carlsbad and all residents within one-half mile of the site, by mail or other effective means, of the commencement of project demolition and construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the demolition, construction, and operation of the amended CECP and include that telephone number in the above notice. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year, and all subsequent demolition activities at the Encina Power Station have been completed.**	**Noise Notification has been completed and mailers sent out to public/residents within one mile on 9/23. Notice sent to CEC on 9/25/19**	**9/25/2019**	**12/18/2019**
NOISE COMPLIANCE	**1 11**		**Hot Line Response**	Y	Throughout the demolition of above-ground fuel oil storage tanks 1, 2, 4, 5, 6, and 7 (ASTs 1, 2, 4, 5, 6, and 7), construction and operation of the amended CECP, and demolition of the Encina Power Station the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The project owner or authorized agent shall: • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours (within 12 hours if the complaint is related to nighttime concrete pour); • Conduct an investigation to determine the source of noise related to the complaint; • Take all feasible measures to reduce the noise at its source if the noise is project related; and • Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction.	**Hot Line Established**	**8/13/2019**	**10/2/2019**
NOISE	**3**		**Letter**	**Y**	**The project owner shall submit to the CPM for review and approval a noise control program and a statement, signed by the project owner's project manager, verifying that the noise control program will be implemented throughout the demolition of ASTs 5, 6, and 7, and construction and demolition activities associated with of the amended CECP. The noise control program shall be used to reduce employee exposure to high noise levels during demolition and construction in accordance with Title 8, California Code of Regulations, sections 5095-5099, and Title 29, Code of Federal Regulations, section 1910.95**	**Prepared, submitted to CEC, and approved on 10/2/19**	**8/26/2019**	**10/3/2019**

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

SOIL&WATER	**9**	c	Permit			**Permit(s) provided when obtained from SDRWQCB**		
SOIL&WATER	**9**	d	Reporting			**As needed**		
TRANS	**1**		**Permit**	**Y**	**The project owner shall consult with the City of Carlsbad and prepare and submit to the city of Carlsbad for review and comment and the Compliance Project Manager (CPM) for approval a construction/demolition traffic control plan. The plan shall be implemented during all phases of construction/demolition and shall addresses the following issues: • timing of truck trips, including heavy equipment and building materials deliveries, especially those that would cross the railroad tracks; • redirecting construction and demolition traffic with a flag person at a minimum for trucks traveling eastbound on Cannon Road from the SDG&E Service Gate to cross the railroad tracks; • signing, lighting, and traffic control device placement if required; • need for construction work hours and arrival/departure times outside and during peak traffic periods; • insurance of access for emergency vehicles to the project site; • temporary closure of travel lanes; • access to adjacent residential and commercial property during the construction of all pipelines; • specification of construction-related haul routes; and • identify safety procedures for exiting and entering the site access gate**		**10/29/2019, Modified Plan sent 11/14/19**	**12/12/2019**
TRANS	**5**	**a**	**Reporting**	**Y**	**During and following completion of project construction and demolition, the project owner shall repair any damage to roadways affected by construction/demolition activity to pre-project road conditions or better. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of demolition and construction, the project owner shall photograph or videotape, all roadways that will be affected by pipeline construction and heavy truck traffic. The project owner shall provide the CPM and the city of Carlsbad with a copy of the images for the roadway segments under its jurisdiction. Also, prior to start of demolition and construction, the project owner shall notify the city about the schedule for project demolition/construction. The purpose of this notification is to allow the city the opportunity to postpone any planned roadway resurfacing and/or improvement projects until after the project demolition/construction has taken place and to coordinate demolition/construction-related activities associated with other projects.**		**9/16/2019**	**9/30/2019**
TRANS	**7**		**Plan**	**Y**	**During project construction/demolition, the project owner shall implement a parking and staging plan for project construction and demolition to enforce a policy that all project-related parking occurs on site or in designated off-site parking areas.**		**10/16/2019**	**10/22/2019**
WASTE	**5**	**a**	**Plan**		**The project owner shall prepare a Demolition and Construction Waste Management Plan for all wastes generated during demolition and construction of the facility and shall submit the plan to the CPM for review and approval. The plan may be submitted in two sections: Demolition activities and Construction activities. Both sections of the plan shall contain, at a minimum, the following: • a description of all demolition and construction waste streams, including projections of frequency, amounts generated, and hazard classifications; and • management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans. • a reuse/recycling Debris Management Plan for demolition and construction materials that meets or exceeds the waste diversion goals established by the Integrated Waste Management Compliance Act (Pub. Resources Code, § 41780 et seq.) and CAL Green Title 24, California Code of Regulations, Part 11sections 4.408, 5.408, 301.1.1 and 301.3.**		**10/16/2019**	**11/12/2019**
WASTE	**6**		**Permit**	**Y**	**Prior to demolition of existing structures, the project owner shall complete and submit a copy of a San Diego County Air Pollution Control District (District) Asbestos Renovation and Demolition Notification Form to the CPM and the District for review. The project owner shall remove all asbestos-containing material (ACM) from the site prior to demolition.**	**Final (4th) Revised Asbestos Notification Form was submitted to San Diego Air Pollution Control District and CPM for January 29, 2020 Start of Demoltion of Asbestos Abatement.**	**1/10/2020 1/17/2020 1/21/2020 1/24/2020**	**1/29/2020**
VIS	**3**	B	Screening		If necessary to provide visual screening of staging activities, equipment and materials in the short term, the project owner shall provide temporary dark-colored, opaque fencing to provide visual screening until landscape screening described above has achieved sufficient maturity to provide visual screening. Existing opaque fencing shall be maintained along the Carlsbad Boulevard frontage of the EPS for the duration of construction and demolition. The project owner shall submit to the CPM for review and approval, and simultaneously to the city of Carlsbad for review and comment, a landscaping plan whose proper implementation will satisfy these requirements. The plan shall include: a) A detailed landscape, grading, and irrigation plan, at a reasonable scale. The plan shall demonstrate how the requirements stated above shall be met. The plan shall provide a detailed installation schedule demonstrating installation of as much of the landscaping as early in the construction process as is feasible in coordination with project construction. The intent of the plan shall be to minimize loss of existing perimeter tree and shrub screening, particularly at the northeast laydown site; and to provide supplemental and replacement plantings as needed to screen staging sites.			

CEC CONDITIONS OF CERTIFICATION

WORKER SAFETY	**1**	**b**	**Plan**	**Y**	**The project owner shall submit to the Compliance Project Manager (CPM) a copy of the Project Demolition and Construction Safety and Health Program containing the following: 1. a Demolition and Construction Personal Protective Equipment Program; 2. a Demolition and Construction Exposure Monitoring Program; 3. a Demolition and Construction Injury and Illness Prevention Program; 4. a Demolition and Construction Emergency Action Plan; and 5. a Demolition and Construction Fire Prevention Plan. 6. an Encina Power Statin Demolition Plan. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Demolition and Construction Emergency Action Plan, the Demolition and Construction Fire Prevention Plan, and an Encina Power Station Demolition Plan shall be submitted to the Carlsbad Fire Department for review and comment prior to submittal to the CPM for approval.**		**11/6/2019**	**12/11/2019**
WORKER SAFETY	**3**	**a**	**Supervisor**	**Y**	**The project owner shall provide a site Demolition Safety Supervisor (DSS) and a Construction Safety Supervisor (CSS) who, by way of training and/or experience, ~~is~~ are knowledgeable of tank demolition, power plant construction activities and relevant laws, ordinances, regulations, and standards; ~~is~~ are capable of identifying workplace hazards relating to the demolition and/or construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The DSS or CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs; 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects; 3. assure that all demolition, construction and commissioning workers and supervisors receive adequate safety training; 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents; and 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.**		**10/8/2019**	**12/11/19 - But need to update all Federal OSHA citations with the appropriate Cal/OSHA code citations**
WORKER SAFETY	4		CBO	Y	The project owner shall make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities and shall do this during the period of tank demolition/removal, construction of the CECP, and demolition/removal of the EPS.		**9/12/2019**	**10/10/2019**
WORKER SAFETY	5		Training	Y	The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during tank demolition, construction and operations and demolition/removal of the EPS and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times. During demolition of the tanks and the EPS, construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Demolition or Construction Project Manager or delegate, the Demolition or Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.	**Training held on 12/4/19. Completed AED Training.**	**12/5/2019**	12/10/2019

Submitted to CEC
Approved by CEC

ATTACHMENT A

COMPLIANCE-5 AND COMPLIANCE-6
KEY EVENTS AND COMPLIANCE MATRIX
AUGUST 2020

CEC CONDITIONS OF CERTIFICATION

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

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

CEC CONDITIONS OF CERTIFICATION

GEN	**1**	c	CBO	N	The project owner shall design, construct, and inspect the project in accordance with the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously). The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility, including the demolition of above-ground fuel oil storage tanks 1, 2, and 4 (ASTs 1, 2, and 4), and the demolition of the Encina Power Station (EPS) (2013 CBC, Appendix Chapter 1, §1.1.3, Scope). All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this document. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2013 CBSC is in effect, the 2013 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	**Comments Received from CBO on Execution Plan on 12/4/19 Comments returned to CBO on 1-9-20. CBO approved on 1/22/2020**	**01/09/2020**	**1/22/2020**
HAZ	7		Security Plan	Y	Prior to commencing tank demolition, a site-specific Demolition and Construction Site Security Plan for the tank demolition and construction phases shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the demolition and construction areas; 2. security guards; 3. site access control consisting of a check-in procedure or tag system for demolition and construction personnel and visitors; 4. written standard procedures for employees, contractors, and vendors when encountering suspicious objects or packages on-site or off-site; 5. protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency; and 6. evacuation procedures.	**Submitted to CEC**	**11/6/2019**	**11/19/2019**
NOISE	**1**		**Notice**	**Y**	**At least 15 days prior to the start of any demolition activities associated with the amended CECP, the project owner shall notify the city of Carlsbad and all residents within one-half mile of the site, by mail or other effective means, of the commencement of project demolition and construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the demolition, construction, and operation of the amended CECP and include that telephone number in the above notice. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year, and all subsequent demolition activities at the Encina Power Station have been completed.**	**Noise Notification has been completed and mailers sent out to public/residents within one mile on 9/23. Notice sent to CEC on 9/25/19**	**9/25/2019**	**12/18/2019**
NOISE COMPLIANCE	**1 11**		**Hot Line Response**	Y	Throughout the demolition of above-ground fuel oil storage tanks 1, 2, 4, 5, 6, and 7 (ASTs 1, 2, 4, 5, 6, and 7), construction and operation of the amended CECP, and demolition of the Encina Power Station the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The project owner or authorized agent shall: • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours (within 12 hours if the complaint is related to nighttime concrete pour); • Conduct an investigation to determine the source of noise related to the complaint; • Take all feasible measures to reduce the noise at its source if the noise is project related; and • Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction.	**Hot Line Established**	**8/13/2019**	**10/2/2019**
NOISE	**3**		**Letter**	**Y**	**The project owner shall submit to the CPM for review and approval a noise control program and a statement, signed by the project owner's project manager, verifying that the noise control program will be implemented throughout the demolition of ASTs 5, 6, and 7, and construction and demolition activities associated with of the amended CECP. The noise control program shall be used to reduce employee exposure to high noise levels during demolition and construction in accordance with Title 8, California Code of Regulations, sections 5095-5099, and Title 29, Code of Federal Regulations, section 1910.95**	**Prepared, submitted to CEC, and approved on 10/2/19**	**8/26/2019**	**10/3/2019**

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

SOIL&WATER	**9**	c	Permit			**Permit(s) provided when obtained from SDRWQCB**		
SOIL&WATER	**9**	d	Reporting			**As needed**		
TRANS	**1**		**Permit**	**Y**	**The project owner shall consult with the City of Carlsbad and prepare and submit to the city of Carlsbad for review and comment and the Compliance Project Manager (CPM) for approval a construction/demolition traffic control plan. The plan shall be implemented during all phases of construction/demolition and shall addresses the following issues: • timing of truck trips, including heavy equipment and building materials deliveries, especially those that would cross the railroad tracks; • redirecting construction and demolition traffic with a flag person at a minimum for trucks traveling eastbound on Cannon Road from the SDG&E Service Gate to cross the railroad tracks; • signing, lighting, and traffic control device placement if required; • need for construction work hours and arrival/departure times outside and during peak traffic periods; • insurance of access for emergency vehicles to the project site; • temporary closure of travel lanes; • access to adjacent residential and commercial property during the construction of all pipelines; • specification of construction-related haul routes; and • identify safety procedures for exiting and entering the site access gate**		**10/29/2019, Modified Plan sent 11/14/19**	**12/12/2019**
TRANS	**5**	**a**	**Reporting**	**Y**	**During and following completion of project construction and demolition, the project owner shall repair any damage to roadways affected by construction/demolition activity to pre-project road conditions or better. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of demolition and construction, the project owner shall photograph or videotape, all roadways that will be affected by pipeline construction and heavy truck traffic. The project owner shall provide the CPM and the city of Carlsbad with a copy of the images for the roadway segments under its jurisdiction. Also, prior to start of demolition and construction, the project owner shall notify the city about the schedule for project demolition/construction. The purpose of this notification is to allow the city the opportunity to postpone any planned roadway resurfacing and/or improvement projects until after the project demolition/construction has taken place and to coordinate demolition/construction-related activities associated with other projects.**		**9/16/2019**	**9/30/2019**
TRANS	**7**		**Plan**	**Y**	**During project construction/demolition, the project owner shall implement a parking and staging plan for project construction and demolition to enforce a policy that all project-related parking occurs on site or in designated off-site parking areas.**		**10/16/2019**	**10/22/2019**
WASTE	**5**	**a**	**Plan**		**The project owner shall prepare a Demolition and Construction Waste Management Plan for all wastes generated during demolition and construction of the facility and shall submit the plan to the CPM for review and approval. The plan may be submitted in two sections: Demolition activities and Construction activities. Both sections of the plan shall contain, at a minimum, the following: • a description of all demolition and construction waste streams, including projections of frequency, amounts generated, and hazard classifications; and • management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans. • a reuse/recycling Debris Management Plan for demolition and construction materials that meets or exceeds the waste diversion goals established by the Integrated Waste Management Compliance Act (Pub. Resources Code, § 41780 et seq.) and CAL Green Title 24, California Code of Regulations, Part 11sections 4.408, 5.408, 301.1.1 and 301.3.**		**10/16/2019**	**11/12/2019**
WASTE	**6**		**Permit**	**Y**	**Prior to demolition of existing structures, the project owner shall complete and submit a copy of a San Diego County Air Pollution Control District (District) Asbestos Renovation and Demolition Notification Form to the CPM and the District for review. The project owner shall remove all asbestos-containing material (ACM) from the site prior to demolition.**	**Final (4th) Revised Asbestos Notification Form was submitted to San Diego Air Pollution Control District and CPM for January 29, 2020 Start of Demoltion of Asbestos Abatement.**	**1/10/2020 1/17/2020 1/21/2020 1/24/2020**	**1/29/2020**
VIS	**3**	B	Screening		If necessary to provide visual screening of staging activities, equipment and materials in the short term, the project owner shall provide temporary dark-colored, opaque fencing to provide visual screening until landscape screening described above has achieved sufficient maturity to provide visual screening. Existing opaque fencing shall be maintained along the Carlsbad Boulevard frontage of the EPS for the duration of construction and demolition. The project owner shall submit to the CPM for review and approval, and simultaneously to the city of Carlsbad for review and comment, a landscaping plan whose proper implementation will satisfy these requirements. The plan shall include: a) A detailed landscape, grading, and irrigation plan, at a reasonable scale. The plan shall demonstrate how the requirements stated above shall be met. The plan shall provide a detailed installation schedule demonstrating installation of as much of the landscaping as early in the construction process as is feasible in coordination with project construction. The intent of the plan shall be to minimize loss of existing perimeter tree and shrub screening, particularly at the northeast laydown site; and to provide supplemental and replacement plantings as needed to screen staging sites.			

CEC CONDITIONS OF CERTIFICATION

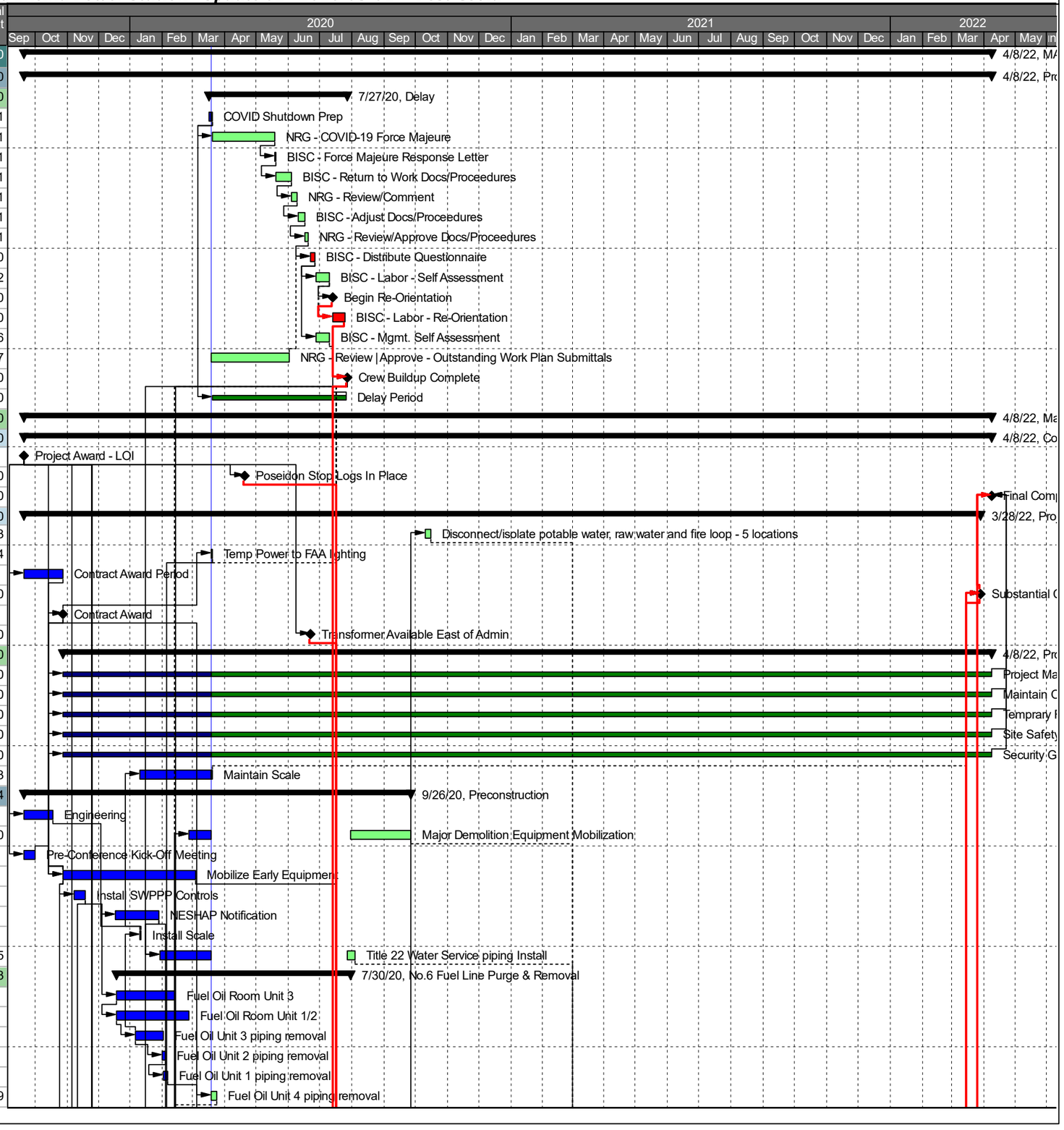
WORKER SAFETY	**1**	**b**	**Plan**	**Y**	**The project owner shall submit to the Compliance Project Manager (CPM) a copy of the Project Demolition and Construction Safety and Health Program containing the following: 1. a Demolition and Construction Personal Protective Equipment Program; 2. a Demolition and Construction Exposure Monitoring Program; 3. a Demolition and Construction Injury and Illness Prevention Program; 4. a Demolition and Construction Emergency Action Plan; and 5. a Demolition and Construction Fire Prevention Plan. 6. an Encina Power Statin Demolition Plan. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Demolition and Construction Emergency Action Plan, the Demolition and Construction Fire Prevention Plan, and an Encina Power Station Demolition Plan shall be submitted to the Carlsbad Fire Department for review and comment prior to submittal to the CPM for approval.**		**11/6/2019**	**12/11/2019**
WORKER SAFETY	**3**	**a**	**Supervisor**	**Y**	**The project owner shall provide a site Demolition Safety Supervisor (DSS) and a Construction Safety Supervisor (CSS) who, by way of training and/or experience, ~~is~~ are knowledgeable of tank demolition, power plant construction activities and relevant laws, ordinances, regulations, and standards; ~~is~~ are capable of identifying workplace hazards relating to the demolition and/or construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The DSS or CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs; 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects; 3. assure that all demolition, construction and commissioning workers and supervisors receive adequate safety training; 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents; and 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.**		**10/8/2019**	**12/11/19 - But need to update all Federal OSHA citations with the appropriate Cal/OSHA code citations**
WORKER SAFETY	4		CBO	Y	The project owner shall make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities and shall do this during the period of tank demolition/removal, construction of the CECP, and demolition/removal of the EPS.		**9/12/2019**	**10/10/2019**
WORKER SAFETY	5		Training	Y	The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during tank demolition, construction and operations and demolition/removal of the EPS and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times. During demolition of the tanks and the EPS, construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Demolition or Construction Project Manager or delegate, the Demolition or Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.	**Training held on 12/4/19. Completed AED Training.**	**12/5/2019**	12/10/2019

Submitted to CEC
Approved by CEC

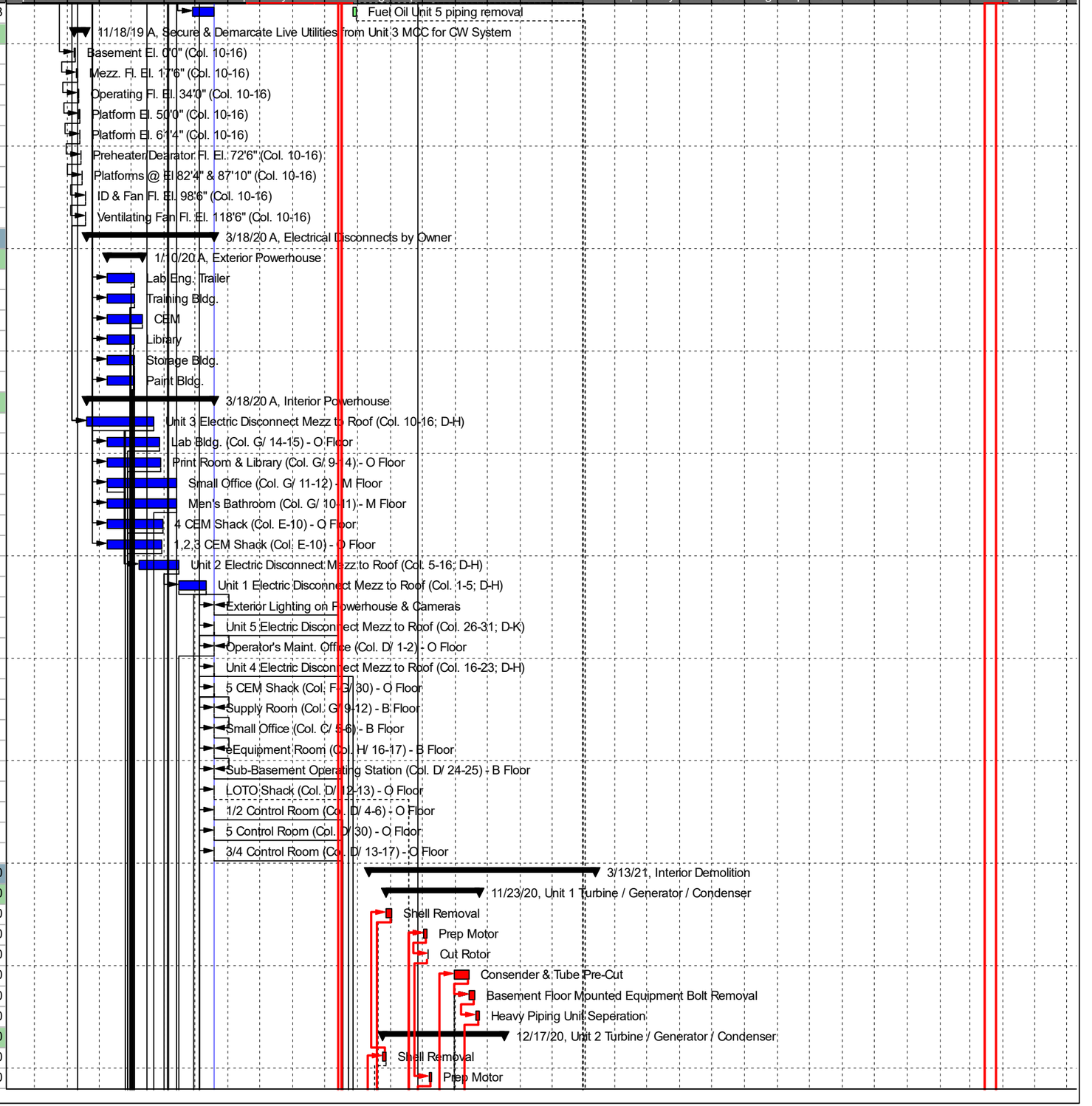
ATTACHMENT B

COMPLIANCE-6
PROJECT SCHEDULE
AUGUST 2020

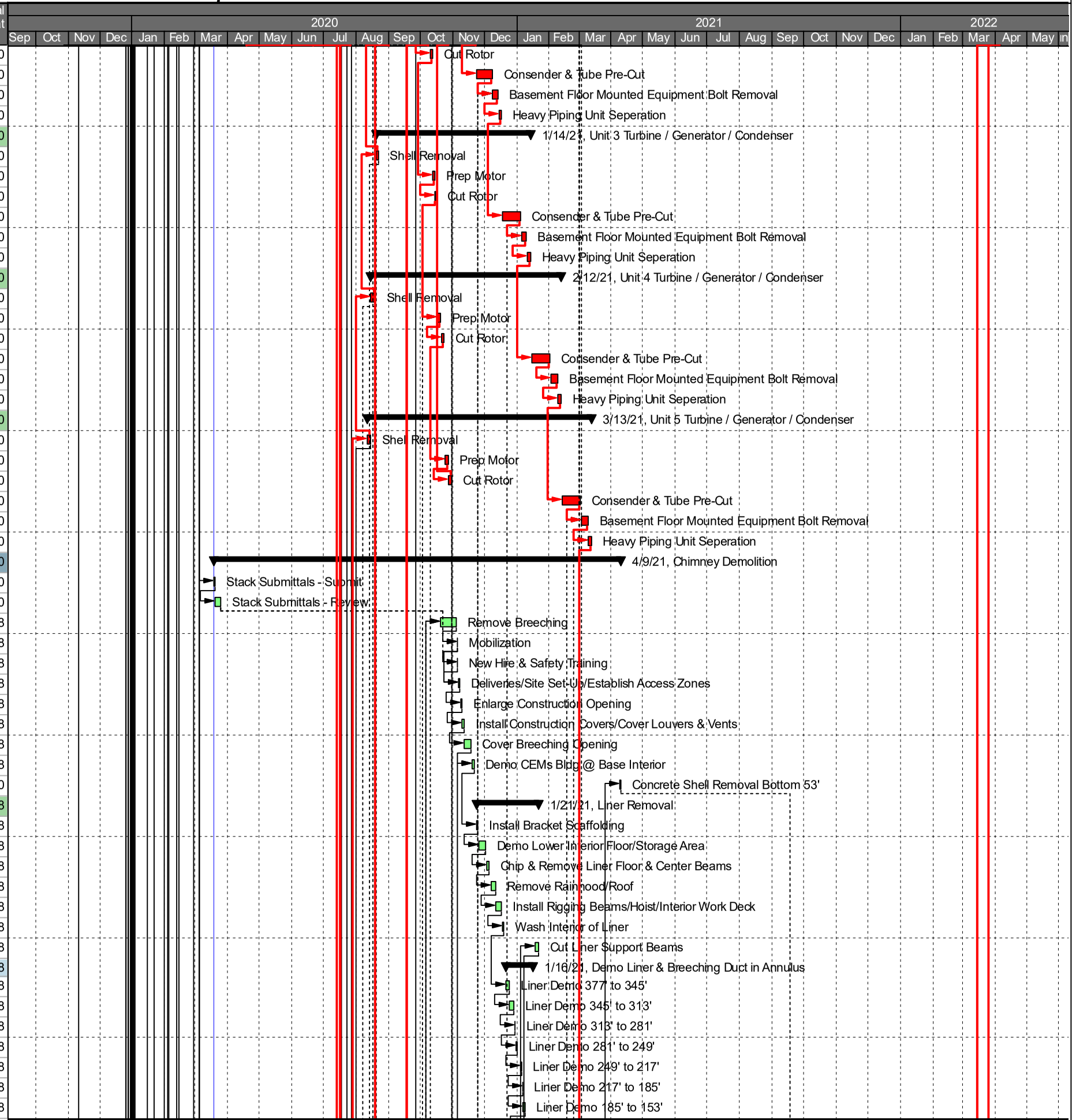
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
MA0842 NRG Encina Power Station - Update 02 - 2020-03-01 - "P		786	634	9/20/19 A	4/8/22		0
Project Overview		786	634	9/20/19 A	4/8/22		0
Delay		111	111	3/16/20 A	7/27/20		0
TIA1.0990	COVID Shutdown Prep	1	1	3/16/20 A	3/19/20	0%	1
TIA1.1000	NRG - COVID-19 Force Majeure	51	51	3/20/20	5/18/20	0%	1
TIA1.1010	BISC - Force Majeure Response Letter	1	1	5/19/20	5/19/20	0%	1
TIA1.1020	BISC - Return to Work Docs/Proceedures	13	13	5/20/20	6/3/20	0%	1
TIA1.1030	NRG - Review/Comment	5	5	6/4/20	6/9/20	0%	1
TIA1.1040	BISC - Adjust Docs/Proceedures	6	6	6/10/20	6/16/20	0%	1
TIA1.1050	NRG - Review/Approve Docs/Proceedures	3	3	6/17/20	6/19/20	0%	1
TIA1.1060	BISC - Distribute Questionnaire	5	5	6/22/20	6/26/20	0%	0
TIA1.1080	BISC - Labor - Self Assessment	14	14	6/27/20	7/10/20	0%	2
TIA1.1085	Begin Re-Orientation	0	0	7/13/20		0%	0
TIA1.1090	BISC - Labor - Re-Orientation	12	12	7/13/20	7/25/20	0%	0
TIA1.1100	BISC - Mgmt. Self Assessment	14	14	6/27/20	7/10/20	0%	16
TIA1.1110	NRG - Review | Approve - Outstanding Work Plan	64	64	3/19/20	6/1/20	0%	17
TIA1.1120	Crew Buildup Complete	0	0	7/27/20		0%	0
TIA1.1130	Delay Period	129	129	3/20/20	7/26/20	0%	0
Major Milestones		786	634	9/20/19 A	4/8/22		0
Contract Milestones		786	607	9/20/19 A	4/8/22		0
CM1000	Project Award - LOI	0	0	9/20/19 A		100%	
CM1010	Poseidon Stop Logs In Place	0	0	4/20/20*		0%	0
CM1020	Final Completion	0	0		4/8/22*	0%	0
Project Milestones		776	624	9/20/19 A	3/28/22		0
PM1000	Disconnect/isolate potable water, raw water and fi	5	5	10/10/20	10/15/20	0%	123
PM1010	Temp Power to FAA lighting	1	1	3/19/20	3/19/20	0%	114
PM1020	Contract Award Period	32	0	9/20/19 A	10/27/19 A	100%	
PM1030	Substantial Completion	0	0		3/28/22	0%	0
PM1040	Contract Award	0	0	10/28/19 A		100%	
PM1050	Transformer Available East of Admin	0	0		6/22/20*	0%	0
Project Durations		649	634	10/28/19 A	4/8/22		0
PD1000	Project Management	649	634	10/28/19 A	4/8/22	2.31%	0
PD1010	Maintain Office and Break Bldg-Provided by NRG	649	634	10/28/19 A	4/8/22	2.31%	0
PD1020	Temprary Facilities	649	634	10/28/19 A	4/8/22	2.31%	0
PD1030	Site Safety Management	649	634	10/28/19 A	4/8/22	2.31%	0
PD1040	Security Gate 3	649	634	10/28/19 A	4/8/22	2.31%	0
PD1050	Maintain Scale	1	1	1/10/20 A	3/19/20	2.92%	623
Preconstruction		234	165	9/20/19 A	9/26/20		144
PC1010	Engineering	25	0	9/20/19 A	10/18/19 A	100%	
PC1020	Major Demolition Equipment Mobilization	55	50	2/26/20 A	9/26/20	10%	140
PC1030	Pre-Conference Kick-Off Meeting	10	0	9/20/19 A	10/1/19 A	100%	
PC1040	Mobilize Early Equipment	9	0	10/28/19 A	3/3/20 A	100%	
PC1050	Install SWPPP Controls	10	0	11/7/19 A	11/18/19 A	100%	
PC1060	NESHAP Notification	22	0	12/17/19 A	1/28/20 A	100%	
PC1070	Install Scale	1	0	1/10/20 A	1/10/20 A	100%	
PC1080	Title 22 Water Service piping Install	10	8	1/29/20 A	8/4/20	20%	185
No.6 Fuel Line Purge & Removal		106	115	12/18/19 A	7/30/20		193
PC.FL.1000	Fuel Oil Room Unit 3	20	0	12/18/19 A	2/13/20 A	100%	
PC.FL.1010	Fuel Oil Room Unit 1/2	10	0	12/18/19 A	2/26/20 A	100%	
PC.FL.1020	Fuel Oil Unit 3 piping removal	9	0	1/6/20 A	2/1/20 A	100%	
PC.FL.1030	Fuel Oil Unit 2 piping removal	10	0	1/31/20 A	2/3/20 A	100%	
PC.FL.1040	Fuel Oil Unit 1 piping removal	7	0	2/1/20 A	2/5/20 A	100%	
PC.FL.1050	Fuel Oil Unit 4 piping removal	5	5	3/19/20	3/24/20	0%	299



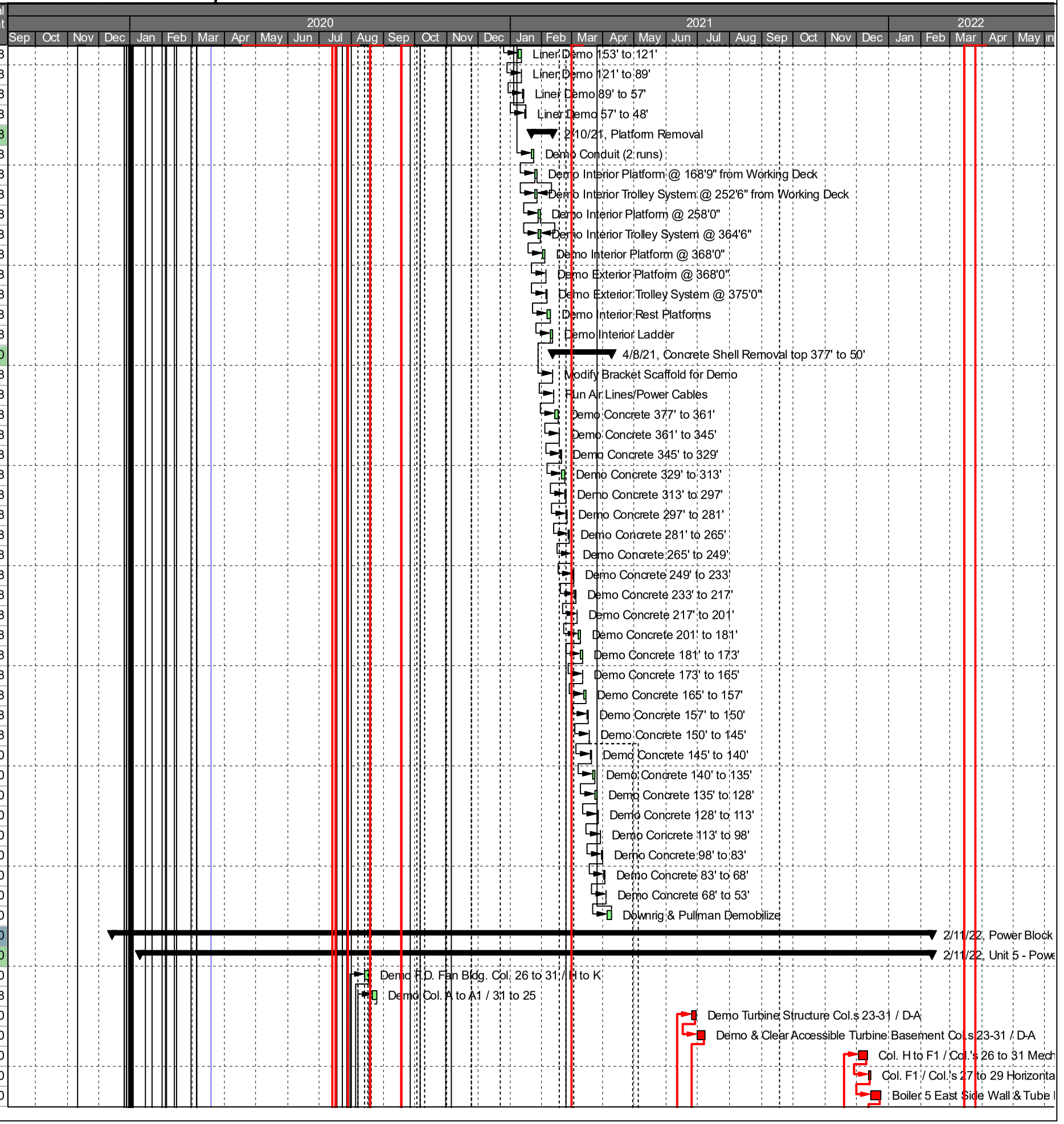
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
PC.FL.1060	Fuel Oil Unit 5 piping removal	5	4	2/27/20 A	7/30/20	20%	193
Secure & Demarcate Live Utilities from Unit 3 MCC for CW System		10	0	11/7/19 A	11/18/19 A		
PC.LU.1000	Basement El. 0'0" (Col. 10-16)	2	0	11/7/19 A	11/8/19 A	100%	
PC.LU.1010	Mezz. Fl. El. 17'6" (Col. 10-16)	1	0	11/10/19 A	11/10/19 A	100%	
PC.LU.1020	Operating Fl. El. 34'0" (Col. 10-16)	1	0	11/11/19 A	11/11/19 A	100%	
PC.LU.1030	Platform El. 50'0" (Col. 10-16)	1	0	11/12/19 A	11/12/19 A	100%	
PC.LU.1040	Platform El. 61'4" (Col. 10-16)	1	0	11/13/19 A	11/13/19 A	100%	
PC.LU.1050	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	0	11/14/19 A	11/14/19 A	100%	
PC.LU.1060	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	0	11/15/19 A	11/15/19 A	100%	
PC.LU.1070	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	0	11/18/19 A	11/18/19 A	100%	
PC.LU.1080	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	0	11/18/19 A	11/18/19 A	100%	
Electrical Disconnects by Owner		202	0	11/19/19 A	3/18/20 A		
Exterior Powerhouse		90	0	12/9/19 A	1/10/20 A		
ED.EP.1000	Lab Eng. Trailer	90	0	12/9/19 A	1/3/20 A	100%	
ED.EP.1010	Training Bldg.	90	0	12/9/19 A	1/3/20 A	100%	
ED.EP.1020	CEM	90	0	12/9/19 A	1/10/20 A	100%	
ED.EP.1030	Library	90	0	12/9/19 A	1/3/20 A	100%	
ED.EP.1040	Storage Bldg.	90	0	12/9/19 A	1/3/20 A	100%	
ED.EP.1050	Paint Bldg.	90	0	12/9/19 A	1/3/20 A	100%	
Interior Powerhouse		202	0	11/19/19 A	3/18/20 A		
ED.IP.1000	Unit 3 Electric Disconnect Mezz to Roof (Col. 10-1	39	0	11/19/19 A	1/21/20 A	100%	
ED.IP.1010	Lab Bldg. (Col. G/ 14-15) - O Floor	0	0	12/9/19 A	1/27/20 A	100%	
ED.IP.1020	Print Room & Library (Col. G/ 9-14) - O Floor	90	0	12/9/19 A	1/28/20 A	100%	
ED.IP.1030	Small Office (Col. G/ 11-12) - M Floor	90	0	12/9/19 A	2/12/20 A	100%	
ED.IP.1040	Men's Bathroom (Col. G/ 10-11) - M Floor	90	0	12/9/19 A	2/12/20 A	100%	
ED.IP.1050	4 CEM Shack (Col. E-10) - O Floor	90	0	12/9/19 A	1/30/20 A	100%	
ED.IP.1060	1,2,3 CEM Shack (Col. E-10) - O Floor	90	0	12/9/19 A	1/29/20 A	100%	
ED.IP.1070	Unit 2 Electric Disconnect Mezz to Roof (Col. 5-16	15	0	1/8/20 A	2/14/20 A	100%	
ED.IP.1080	Unit 1 Electric Disconnect Mezz to Roof (Col. 1-5;	15	0	2/14/20 A	3/11/20 A	100%	
ED.IP.1090	Exterior Lighting on Powerhouse & Cameras	10	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1100	Unit 5 Electric Disconnect Mezz to Roof (Col. 26-3	16	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1110	Operator's Maint. Office (Col. D/ 1-2) - O Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1120	Unit 4 Electric Disconnect Mezz to Roof (Col. 16-2	12	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1130	5 CEM Shack (Col. F-G/ 30) - O Floor	12	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1140	Supply Room (Col. G/ 9-12) - B Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1150	Small Office (Col. C/ 5-6) - B Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1160	eEquipment Room (Col. H/ 16-17) - B Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1170	Sub-Basement Operating Station (Col. D/ 24-25)	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1180	LOTO Shack (Col. D/ 12-13) - O Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1190	1/2 Control Room (Col. D/ 4-6) - O Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1200	5 Control Room (Col. D/ 30) - O Floor	1	0	3/18/20 A	3/18/20 A	100%	
ED.IP.1210	3/4 Control Room (Col. D/ 13-17) - O Floor	1	0	3/18/20 A	3/18/20 A	100%	
Interior Demolition		180	180	8/11/20	3/13/21		0
Unit 1 Turbine / Generator / Condenser		75	75	8/28/20	11/23/20		0
ID.U1.1000	Shell Removal	4	4	8/28/20	9/1/20	0%	0
ID.U1.1010	Prep Motor	3	3	10/2/20	10/5/20	0%	0
ID.U1.1020	Cut Rotor	1	1	10/6/20	10/6/20	0%	0
ID.U1.1030	Consender & Tube Pre-Cut	12	12	10/31/20	11/13/20	0%	0
ID.U1.1040	Basement Floor Mounted Equipment Bolt Remo	5	5	11/14/20	11/19/20	0%	0
ID.U1.1050	Heavy Piping Unit Seperation	3	3	11/20/20	11/23/20	0%	0
Unit 2 Turbine / Generator / Condenser		98	98	8/24/20	12/17/20		0
ID.U2.1000	Shell Removal	4	4	8/24/20	8/27/20	0%	0
ID.U2.1010	Prep Motor	3	3	10/7/20	10/9/20	0%	0



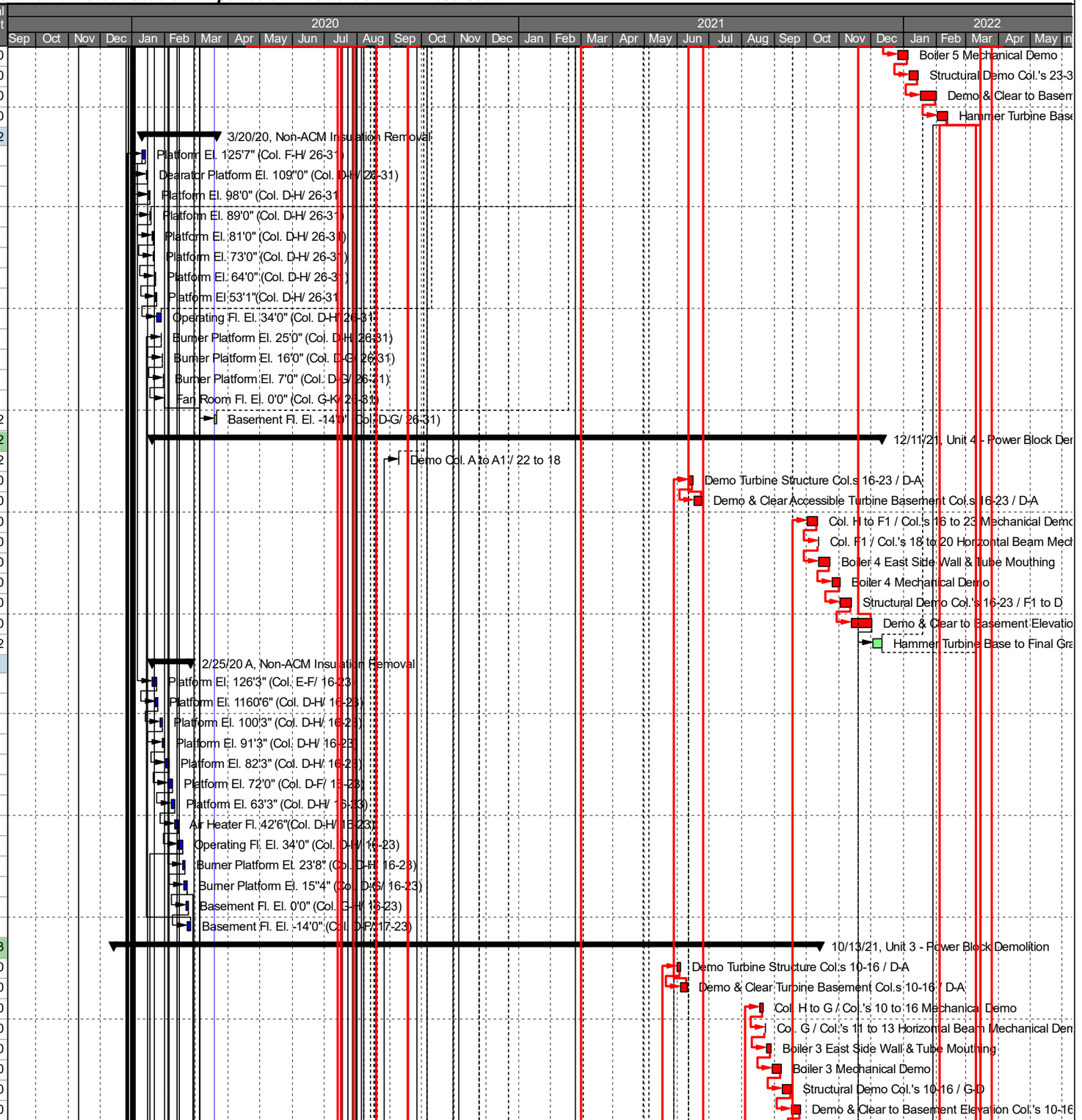
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
ID.U2.1020	Cut Rotor	2	2	10/10/20	10/12/20	0%	0
ID.U2.1030	Consender & Tube Pre-Cut	11	11	11/24/20	12/8/20	0%	0
ID.U2.1040	Basement Floor Mounted Equipment Bolt Remov	5	5	12/9/20	12/14/20	0%	0
ID.U2.1050	Heavy Piping Unit Seperation	3	3	12/15/20	12/17/20	0%	0
Unit 3 Turbine / Generator / Condenser		122	122	8/20/20	1/14/21		0
ID.U3.1000	Shell Removal	3	3	8/20/20	8/22/20	0%	0
ID.U3.1010	Prep Motor	2	2	10/13/20	10/14/20	0%	0
ID.U3.1020	Cut Rotor	2	2	10/15/20	10/16/20	0%	0
ID.U3.1030	Consender & Tube Pre-Cut	12	12	12/18/20	1/4/21	0%	0
ID.U3.1040	Basement Floor Mounted Equipment Bolt Remov	5	5	1/5/21	1/9/21	0%	0
ID.U3.1050	Heavy Piping Unit Seperation	4	4	1/11/21	1/14/21	0%	0
Unit 4 Turbine / Generator / Condenser		151	151	8/15/20	2/12/21		0
ID.U4.1000	Shell Removal	4	4	8/15/20	8/19/20	0%	0
ID.U4.1010	Prep Motor	3	3	10/17/20	10/20/20	0%	0
ID.U4.1020	Cut Rotor	3	3	10/21/20	10/23/20	0%	0
ID.U4.1030	Consender & Tube Pre-Cut	15	15	1/15/21	2/1/21	0%	0
ID.U4.1040	Basement Floor Mounted Equipment Bolt Remov	6	6	2/2/21	2/8/21	0%	0
ID.U4.1050	Heavy Piping Unit Seperation	4	4	2/9/21	2/12/21	0%	0
Unit 5 Turbine / Generator / Condenser		180	180	8/11/20	3/13/21		0
ID.U5.1000	Shell Removal	4	4	8/11/20	8/14/20	0%	0
ID.U5.1010	Prep Motor	3	3	10/24/20	10/27/20	0%	0
ID.U5.1020	Cut Rotor	3	3	10/28/20	10/30/20	0%	0
ID.U5.1030	Consender & Tube Pre-Cut	15	15	2/13/21	3/2/21	0%	0
ID.U5.1040	Basement Floor Mounted Equipment Bolt Remov	6	6	3/3/21	3/9/21	0%	0
ID.U5.1050	Heavy Piping Unit Seperation	4	4	3/10/21	3/13/21	0%	0
Chimney Demolition		327	327	3/19/20	4/9/21		150
CD.1000	Stack Submittals - Submit	1	1	3/19/20	3/19/20	0%	250
CD.1005	Stack Submittals - Review	5	5	3/20/20	3/25/20	0%	250
CD.1010	Remove Breeching	14	14	10/20/20	11/4/20	0%	58
CD.1020	Mobilization	1	1	11/5/20	11/5/20	0%	58
CD.1030	New Hire & Safety Training	1	1	11/5/20	11/5/20	0%	58
CD.1040	Deliveries/Site Set-Up/Establish Access Zones	2	2	11/6/20	11/7/20	0%	58
CD.1050	Enlarge Construction Opening	1	1	11/9/20	11/9/20	0%	58
CD.1060	Install Construction Covers/Cover Louvers & Vent	2	2	11/10/20	11/11/20	0%	58
CD.1070	Cover Breeching Opening	6	6	11/12/20	11/18/20	0%	58
CD.1080	Demo CEMs Bldg @ Base Interior	3	3	11/19/20	11/21/20	0%	58
CD.1090	Concrete Shell Removal Bottom 53'	1	1	4/9/21	4/9/21	0%	150
Liner Removal		47	47	11/23/20	1/21/21		58
CD.LR.1000	Install Bracket Scaffolding	2	2	11/23/20	11/24/20	0%	58
CD.LR.1010	Demo Lower Interior Floor/Storage Area	5	5	11/26/20	12/2/20	0%	58
CD.LR.1020	Chip & Remove Liner Floor & Center Beams	3	3	12/3/20	12/5/20	0%	58
CD.LR.1030	Remove Rainhood/Roof	5	5	12/7/20	12/11/20	0%	58
CD.LR.1040	Install Rigging Beams/Hoist/Interior Work Deck	5	5	12/12/20	12/17/20	0%	58
CD.LR.1050	Wash Interior of Liner	2	2	12/18/20	12/19/20	0%	58
CD.LR.1170	Cut Liner Support Beams	4	4	1/18/21	1/21/21	0%	58
Demo Liner & Breeching Duct in Annulus		21	21	12/21/20	1/16/21		58
CD.LR.1060	Liner Demo 377' to 345'	3	3	12/21/20	12/24/20	0%	58
CD.LR.1070	Liner Demo 345' to 313'	3	3	12/25/20	12/29/20	0%	58
CD.LR.1080	Liner Demo 313' to 281'	1	1	12/30/20	12/30/20	0%	58
CD.LR.1090	Liner Demo 281' to 249'	2	2	12/31/20	1/1/21	0%	58
CD.LR.1100	Liner Demo 249' to 217'	2	2	1/4/21	1/5/21	0%	58
CD.LR.1110	Liner Demo 217' to 185'	1	1	1/6/21	1/6/21	0%	58
CD.LR.1120	Liner Demo 185' to 153'	2	2	1/7/21	1/8/21	0%	58



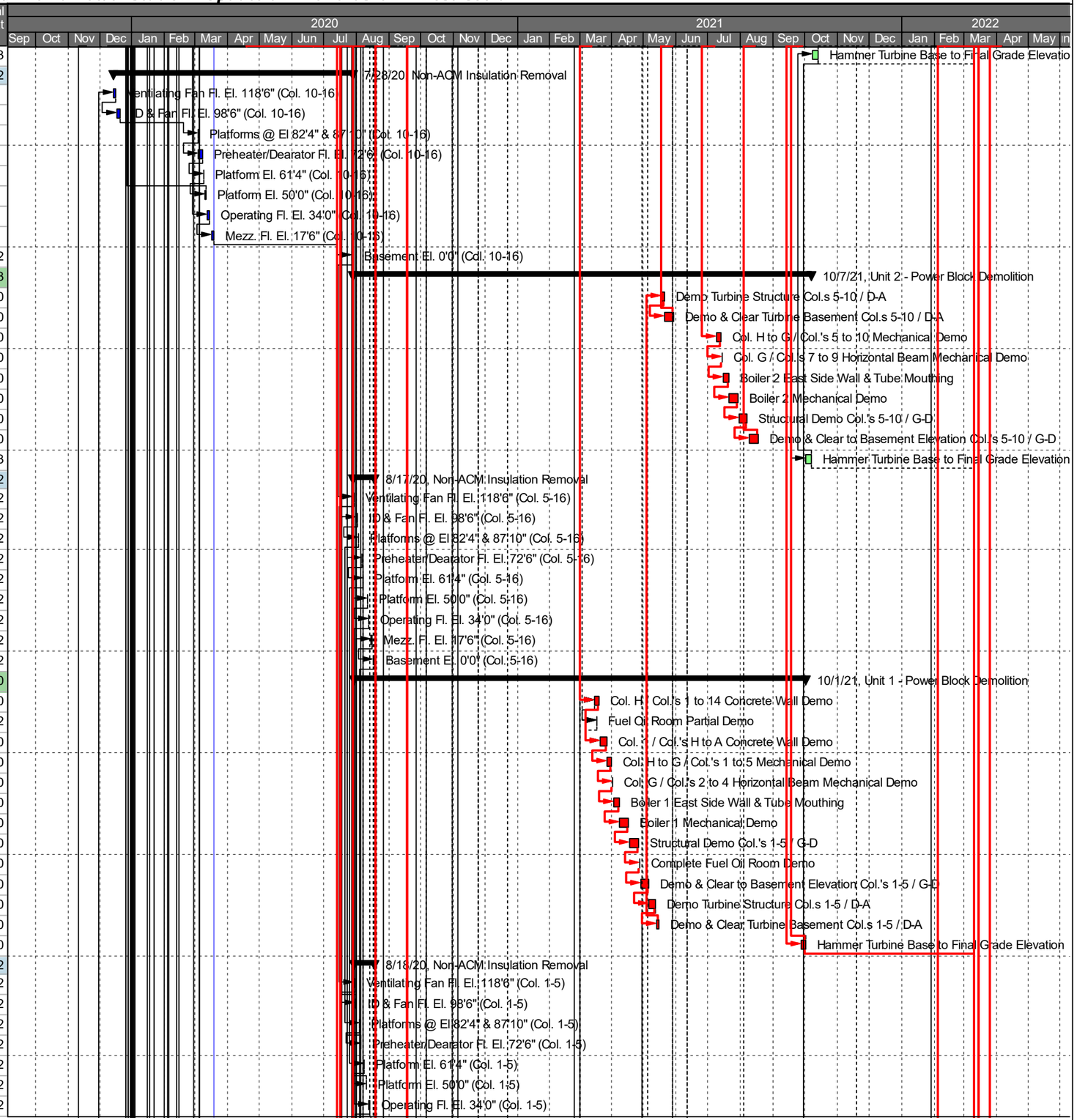
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
CD.LR.1130	Liner Demo 153' to 121'	2	2	1/9/21	1/11/21	0%	58
CD.LR.1140	Liner Demo 121' to 89'	1	1	1/12/21	1/12/21	0%	58
CD.LR.1150	Liner Demo 89' to 57'	2	2	1/13/21	1/14/21	0%	58
CD.LR.1160	Liner Demo 57' to 48'	2	2	1/15/21	1/16/21	0%	58
Platform Removal		17	17	1/22/21	2/10/21		58
CD.PR.1000	Demo Conduit (2 runs)	2	2	1/22/21	1/23/21	0%	58
CD.PR.1010	Demo Interior Platform @ 168'9" from Working D	3	3	1/25/21	1/27/21	0%	58
CD.PR.1020	Demo Interior Trolley System @ 252'6" from Worl	3	3	1/25/21	1/27/21	0%	58
CD.PR.1030	Demo Interior Platform @ 258'0"	3	3	1/28/21	1/30/21	0%	58
CD.PR.1040	Demo Interior Trolley System @ 364'6"	3	3	1/28/21	1/30/21	0%	58
CD.PR.1050	Demo Interior Platform @ 368'0"	3	3	2/1/21	2/3/21	0%	58
CD.PR.1060	Demo Exterior Platform @ 368'0"	1	1	2/4/21	2/4/21	0%	58
CD.PR.1070	Demo Exterior Trolley System @ 375'0"	1	1	2/5/21	2/5/21	0%	58
CD.PR.1080	Demo Interior Rest Platforms	2	2	2/6/21	2/8/21	0%	58
CD.PR.1090	Demo Interior Ladder	2	2	2/9/21	2/10/21	0%	58
Concrete Shell Removal top 377' to 50'		49	49	2/11/21	4/8/21		150
CD.CS.1000	Modify Bracket Scaffold for Demo	1	1	2/11/21	2/11/21	0%	58
CD.CS.1010	Run Air Lines/Power Cables	1	1	2/12/21	2/12/21	0%	58
CD.CS.1020	Demo Concrete 377' to 361'	3	3	2/13/21	2/16/21	0%	58
CD.CS.1030	Demo Concrete 361' to 345'	1	1	2/17/21	2/17/21	0%	58
CD.CS.1040	Demo Concrete 345' to 329'	2	2	2/18/21	2/19/21	0%	58
CD.CS.1050	Demo Concrete 329' to 313'	2	2	2/20/21	2/22/21	0%	58
CD.CS.1060	Demo Concrete 313' to 297'	1	1	2/23/21	2/23/21	0%	58
CD.CS.1070	Demo Concrete 297' to 281'	2	2	2/24/21	2/25/21	0%	58
CD.CS.1080	Demo Concrete 281' to 265'	2	2	2/26/21	2/27/21	0%	58
CD.CS.1090	Demo Concrete 265' to 249'	1	1	3/1/21	3/1/21	0%	58
CD.CS.1100	Demo Concrete 249' to 233'	2	2	3/2/21	3/3/21	0%	58
CD.CS.1110	Demo Concrete 233' to 217'	2	2	3/4/21	3/5/21	0%	58
CD.CS.1120	Demo Concrete 217' to 201'	1	1	3/6/21	3/6/21	0%	58
CD.CS.1130	Demo Concrete 201' to 181'	2	2	3/8/21	3/9/21	0%	58
CD.CS.1140	Demo Concrete 181' to 173'	2	2	3/10/21	3/11/21	0%	58
CD.CS.1150	Demo Concrete 173' to 165'	1	1	3/12/21	3/12/21	0%	58
CD.CS.1160	Demo Concrete 165' to 157'	2	2	3/13/21	3/15/21	0%	58
CD.CS.1170	Demo Concrete 157' to 150'	2	2	3/16/21	3/17/21	0%	58
CD.CS.1180	Demo Concrete 150' to 145'	1	1	3/18/21	3/18/21	0%	58
CD.CS.1190	Demo Concrete 145' to 140'	2	2	3/19/21	3/20/21	0%	150
CD.CS.1200	Demo Concrete 140' to 135'	2	2	3/22/21	3/23/21	0%	150
CD.CS.1210	Demo Concrete 135' to 128'	2	2	3/24/21	3/25/21	0%	150
CD.CS.1220	Demo Concrete 128' to 113'	2	2	3/26/21	3/27/21	0%	150
CD.CS.1230	Demo Concrete 113' to 98'	1	1	3/29/21	3/29/21	0%	150
CD.CS.1240	Demo Concrete 98' to 83'	2	2	3/30/21	3/31/21	0%	150
CD.CS.1250	Demo Concrete 83' to 68'	2	2	4/1/21	4/2/21	0%	150
CD.CS.1260	Demo Concrete 68' to 53'	1	1	4/3/21	4/3/21	0%	150
CD.CS.1270	Downrig & Pullman Demobilize	4	4	4/5/21	4/8/21	0%	150
Power Block Demolition		671	587	12/14/19 A	2/11/22		0
Unit 5 - Power Block Demolition		662	587	1/10/20 A	2/11/22		0
PB.U5.1000	Demo F.D. Fan Bldg. Col. 26 to 31 / H to K	4	4	8/14/20	8/18/20	0%	130
PB.U5.1010	Demo Col. A to A1 / 31 to 25	4	4	8/21/20	8/25/20	0%	128
PB.U5.1020	Demo Turbine Structure Col.s 23-31 / D-A	4	4	6/25/21	6/29/21	0%	0
PB.U5.1030	Demo & Clear Accessible Turbine Basement Col.:	8	8	6/30/21	7/8/21	0%	0
PB.U5.1040	Col. H to F1 / Col.'s 26 to 31 Mechanical Demo	8	8	12/3/21	12/11/21	0%	0
PB.U5.1050	Col. F1 / Col.'s 27 to 29 Horizontal Beam Mechar	2	2	12/13/21	12/14/21	0%	0
PB.U5.1060	Boiler 5 East Side Wall & Tube Mouthing	9	9	12/15/21	12/24/21	0%	0



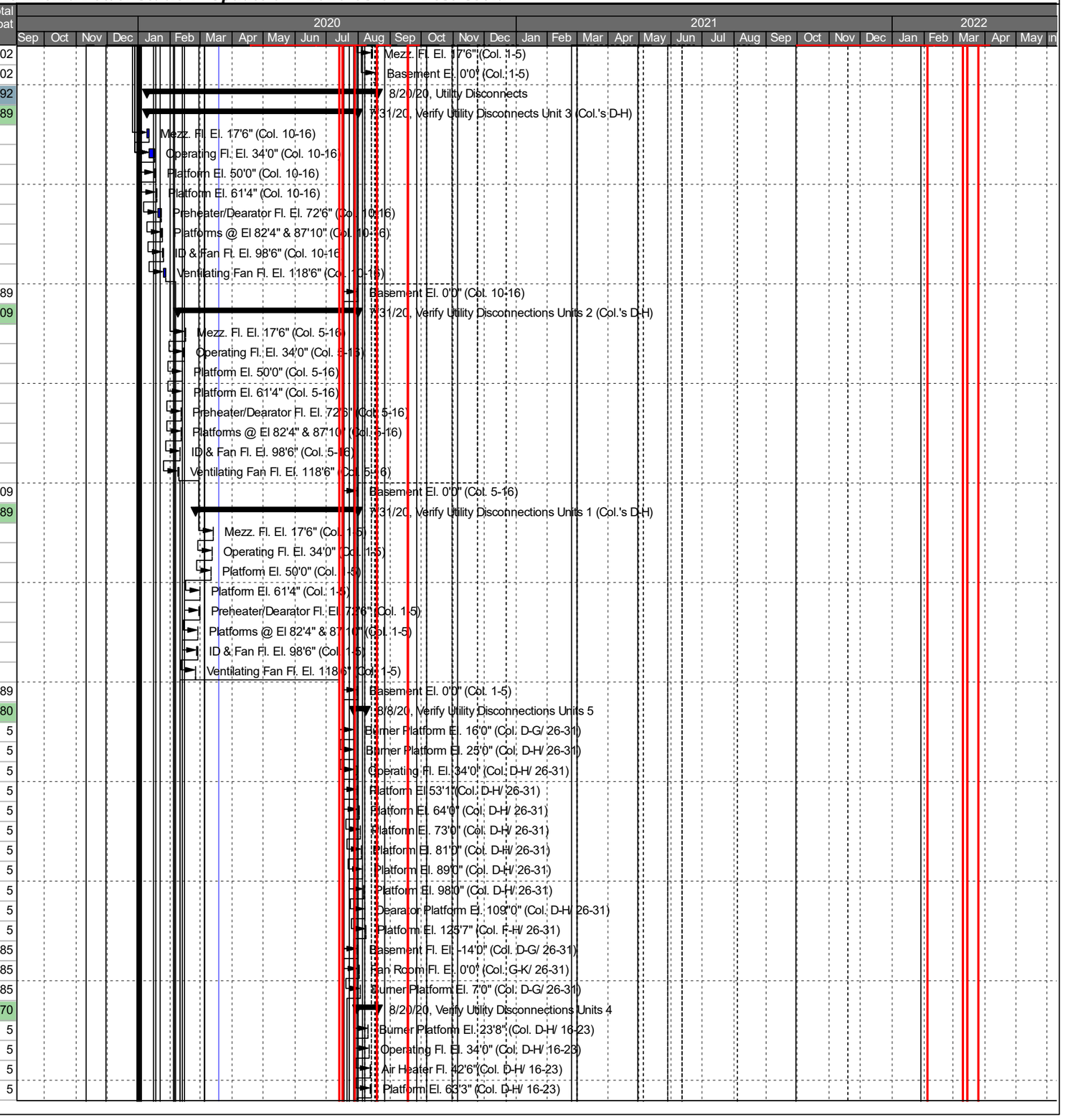
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
PB.U5.1070	Boiler 5 Mechanical Demo	8	8	12/27/21	1/5/22	0%	0
PB.U5.1080	Structural Demo Col.'s 23-31 / F1 to D	9	9	1/6/22	1/15/22	0%	0
PB.U5.1090	Demo & Clear to Basement Elevation Col.'s 23-3	14	14	1/17/22	2/1/22	0%	0
PB.U5.1100	Hammer Turbine Base to Final Grade Elevation	9	9	2/2/22	2/11/22	0%	0
Non-ACM Insulation Removal		77	2	1/10/20 A	3/20/20		292
PB.U5.IR.1000	Platform El. 125'7" (Col. F-H/ 26-31)	3	0	1/10/20 A	1/13/20 A	100%	
PB.U5.IR.1010	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	3	0	1/14/20 A	1/15/20 A	100%	
PB.U5.IR.1020	Platform El. 98'0" (Col. D-H/ 26-31)	2	0	1/16/20 A	1/17/20 A	100%	
PB.U5.IR.1030	Platform El. 89'0" (Col. D-H/ 26-31)	2	0	1/17/20 A	1/18/20 A	100%	
PB.U5.IR.1040	Platform El. 81'0" (Col. D-H/ 26-31)	1	0	1/20/20 A	1/20/20 A	100%	
PB.U5.IR.1050	Platform El. 73'0" (Col. D-H/ 26-31)	2	0	1/21/20 A	1/21/20 A	100%	
PB.U5.IR.1060	Platform El. 64'0" (Col. D-H/ 26-31)	2	0	1/22/20 A	1/22/20 A	100%	
PB.U5.IR.1070	Platform El 53'1"(Col. D-H/ 26-31)	2	0	1/23/20 A	1/23/20 A	100%	
PB.U5.IR.1080	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	5	0	1/24/20 A	1/28/20 A	100%	
PB.U5.IR.1090	Burner Platform El. 25'0" (Col. D-H/ 26-31)	2	0	1/28/20 A	1/28/20 A	100%	
PB.U5.IR.1100	Burner Platform El. 16'0" (Col. D-G/ 26-31)	2	0	1/29/20 A	1/29/20 A	100%	
PB.U5.IR.1110	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	0	1/30/20 A	1/30/20 A	100%	
PB.U5.IR.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	2	0	1/31/20 A	1/31/20 A	100%	
PB.U5.IR.1130	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	2	2	3/19/20	3/20/20	0%	292
Unit 4 - Power Block Demolition		611	387	1/20/20 A	12/11/21		42
PB.U4.1000	Demo Col. A to A1 / 22 to 18	1	1	9/9/20	9/9/20	0%	32
PB.U4.1010	Demo Turbine Structure Col.s 16-23 / D-A	4	4	6/11/21	6/15/21	0%	0
PB.U4.1020	Demo & Clear Accessible Turbine Basement Col.:	8	8	6/16/21	6/24/21	0%	0
PB.U4.1030	Col. H to F1 / Col.'s 16 to 23 Mechanical Demo	8	8	10/2/21	10/11/21	0%	0
PB.U4.1040	Col. F1 / Col.'s 18 to 20 Horizontal Beam Mechar	1	1	10/12/21	10/12/21	0%	0
PB.U4.1050	Boiler 4 East Side Wall & Tube Mouthing	10	10	10/13/21	10/23/21	0%	0
PB.U4.1060	Boiler 4 Mechanical Demo	7	7	10/25/21	11/1/21	0%	0
PB.U4.1070	Structural Demo Col.'s 16-23 / F1 to D	10	10	11/2/21	11/12/21	0%	0
PB.U4.1080	Demo & Clear to Basement Elevation Col.'s 16-2:	15	15	11/13/21	12/2/21	0%	0
PB.U4.1090	Hammer Turbine Base to Final Grade Elevation	8	8	12/3/21	12/11/21	0%	42
Non-ACM Insulation Removal		70	0	1/20/20 A	2/25/20 A		
PB.U4.IR.1000	Platform El. 126'3" (Col. E-F/ 16-23)	3	0	1/20/20 A	1/23/20 A	100%	
PB.U4.IR.1010	Platform El. 1160'6" (Col. D-H/ 16-23)	3	0	1/23/20 A	1/25/20 A	100%	
PB.U4.IR.1020	Platform El. 100'3" (Col. D-H/ 16-23)	2	0	1/27/20 A	1/29/20 A	100%	
PB.U4.IR.1030	Platform El. 91'3" (Col. D-H/ 16-23)	2	0	1/29/20 A	1/31/20 A	100%	
PB.U4.IR.1040	Platform El. 82'3" (Col. D-H/ 16-23)	2	0	2/1/20 A	2/4/20 A	100%	
PB.U4.IR.1050	Platform El. 72'0" (Col. D-F/ 16-23)	2	0	2/4/20 A	2/7/20 A	100%	
PB.U4.IR.1060	Platform El. 63'3" (Col. D-H/ 16-23)	2	0	2/7/20 A	2/10/20 A	100%	
PB.U4.IR.1070	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	3	0	2/10/20 A	2/13/20 A	100%	
PB.U4.IR.1080	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	5	0	2/13/20 A	2/17/20 A	100%	
PB.U4.IR.1090	Burner Platform El. 23'8" (Col. D-H/ 16-23)	4	0	2/17/20 A	2/19/20 A	100%	
PB.U4.IR.1100	Burner Platform El. 15"4" (Col. D-G/ 16-23)	4	0	2/19/20 A	2/21/20 A	100%	
PB.U4.IR.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	4	0	2/21/20 A	2/22/20 A	100%	
PB.U4.IR.1120	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	4	0	2/22/20 A	2/25/20 A	100%	
Unit 3 - Power Block Demolition		571	376	12/14/19 A	10/13/21		83
PB.U3.1000	Demo Turbine Structure Col.s 10-16 / D-A	4	4	5/31/21	6/3/21	0%	0
PB.U3.1010	Demo & Clear Turbine Basement Col.s 10-16 / D-	6	6	6/4/21	6/10/21	0%	0
PB.U3.1020	Col. H to G / Col.'s 10 to 16 Mechanical Demo	4	4	8/18/21	8/21/21	0%	0
PB.U3.1030	Col. G / Col.'s 11 to 13 Horizontal Beam Mechani	1	1	8/23/21	8/23/21	0%	0
PB.U3.1040	Boiler 3 East Side Wall & Tube Mouthing	5	5	8/24/21	8/28/21	0%	0
PB.U3.1050	Boiler 3 Mechanical Demo	8	8	8/30/21	9/7/21	0%	0
PB.U3.1060	Structural Demo Col.'s 10-16 / G-D	8	8	9/8/21	9/16/21	0%	0
PB.U3.1070	Demo & Clear to Basement Elevation Col.'s 10-1	8	8	9/17/21	9/25/21	0%	0



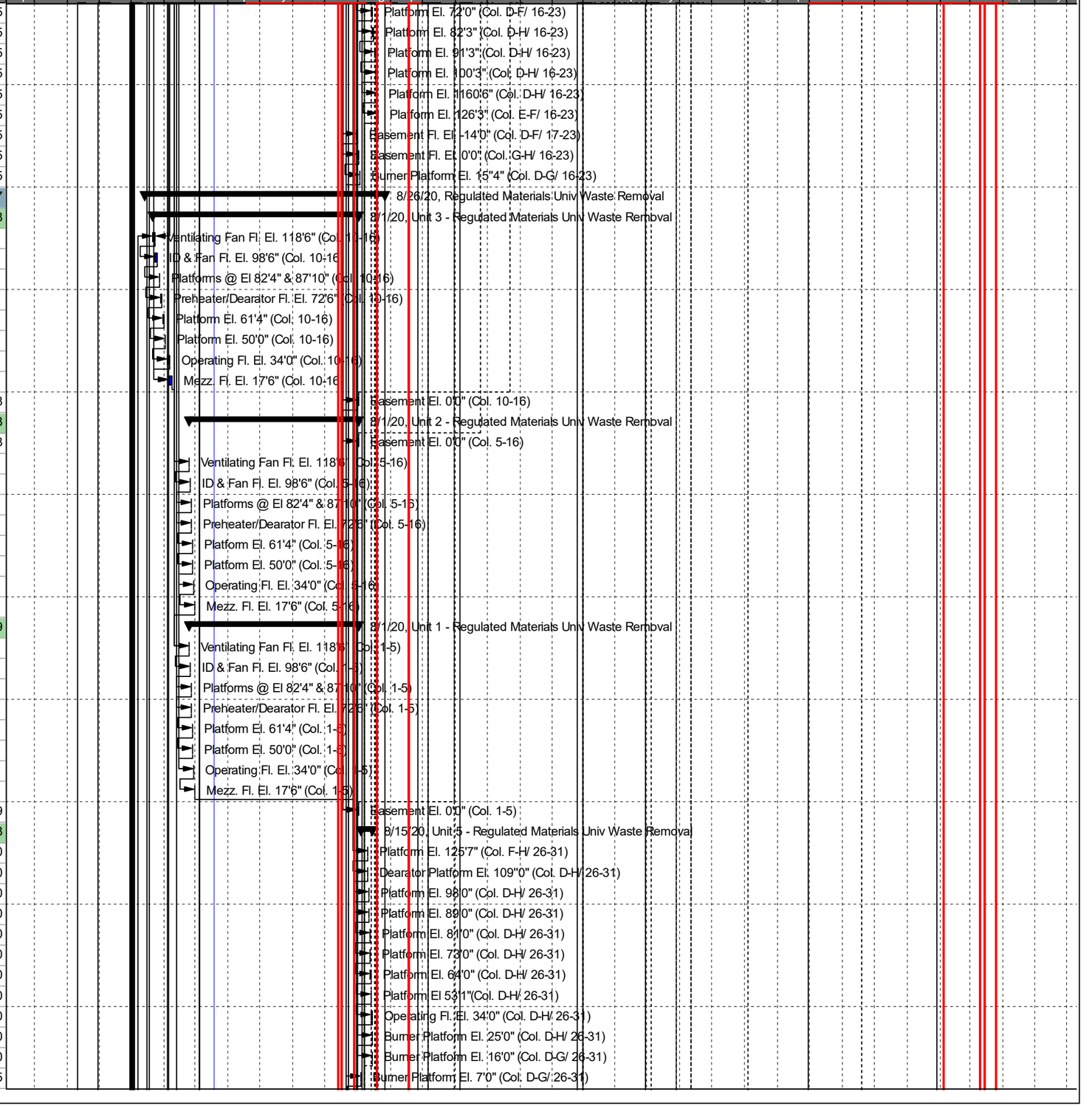
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
PB.U3.1080	Hammer Turbine Base to Final Grade Elevation	5	5	10/8/21	10/13/21	0%	83
Non-ACM Insulation Removal		197	2	12/14/19 A	7/28/20		102
PB.U3.IR.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	0	12/14/19 A	12/16/19 A	100%	
PB.U3.IR.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	0	12/17/19 A	12/20/19 A	100%	
PB.U3.IR.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	0	3/3/20 A	3/3/20 A	100%	
PB.U3.IR.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	0	3/4/20 A	3/7/20 A	100%	
PB.U3.IR.1040	Platform El. 61'4" (Col. 10-16)	1	0	3/9/20 A	3/9/20 A	100%	
PB.U3.IR.1050	Platform El. 50'0" (Col. 10-16)	1	0	3/10/20 A	3/11/20 A	100%	
PB.U3.IR.1060	Operating Fl. El. 34'0" (Col. 10-16)	2	0	3/12/20 A	3/14/20 A	100%	
PB.U3.IR.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	2	0	3/16/20 A	3/18/20 A	100%	
PB.U3.IR.1080	Basement El. 0'0" (Col. 10-16)	2	2	7/27/20	7/28/20	0%	102
Unit 2 - Power Block Demolition		369	369	7/29/20	10/7/21		83
PB.U2.1000	Demo Turbine Structure Col.s 5-10 / D-A	4	4	5/17/21	5/20/21	0%	0
PB.U2.1010	Demo & Clear Turbine Basement Col.s 5-10 / D-A	8	8	5/21/21	5/29/21	0%	0
PB.U2.1020	Col. H to G / Col.'s 5 to 10 Mechanical Demo	4	4	7/9/21	7/13/21	0%	0
PB.U2.1030	Col. G / Col.'s 7 to 9 Horizontal Beam Mechanica	1	1	7/14/21	7/14/21	0%	0
PB.U2.1040	Boiler 2 East Side Wall & Tube Mouthing	5	5	7/15/21	7/20/21	0%	0
PB.U2.1050	Boiler 2 Mechanical Demo	8	8	7/21/21	7/29/21	0%	0
PB.U2.1060	Structural Demo Col.'s 5-10 / G-D	8	8	7/30/21	8/7/21	0%	0
PB.U2.1070	Demo & Clear to Basement Elevation Col.'s 5-10	8	8	8/9/21	8/17/21	0%	0
PB.U2.1080	Hammer Turbine Base to Final Grade Elevation	5	5	10/2/21	10/7/21	0%	83
Non-ACM Insulation Removal		17	17	7/29/20	8/17/20		102
PB.U2.IR.1000	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	1	7/29/20	7/29/20	0%	102
PB.U2.IR.1010	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	1	8/1/20	8/1/20	0%	102
PB.U2.IR.1020	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	1	8/3/20	8/3/20	0%	102
PB.U2.IR.1030	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	1	8/6/20	8/6/20	0%	102
PB.U2.IR.1040	Platform El. 61'4" (Col. 5-16)	1	1	8/7/20	8/7/20	0%	102
PB.U2.IR.1050	Platform El. 50'0" (Col. 5-16)	1	1	8/11/20	8/11/20	0%	102
PB.U2.IR.1060	Operating Fl. El. 34'0" (Col. 5-16)	1	1	8/12/20	8/12/20	0%	102
PB.U2.IR.1070	Mezz. Fl. El. 17'6" (Col. 5-16)	1	1	8/15/20	8/15/20	0%	102
PB.U2.IR.1080	Basement El. 0'0" (Col. 5-16)	1	1	8/17/20	8/17/20	0%	102
Unit 1 - Power Block Demolition		363	363	7/30/20	10/1/21		0
PB.U1.1000	Col. H / Col.'s 1 to 14 Concrete Wall Demo	5	5	3/15/21	3/19/21	0%	0
PB.U1.1010	Fuel Oil Room Partial Demo	1	1	3/17/21	3/17/21	0%	2
PB.U1.1020	Col. 1 / Col.'s H to A Concrete Wall Demo	6	6	3/20/21	3/26/21	0%	0
PB.U1.1030	Col. H to G / Col.'s 1 to 5 Mechanical Demo	4	4	3/27/21	3/31/21	0%	0
PB.U1.1040	Col. G / Col.'s 2 to 4 Horizontal Beam Mechanica	1	1	4/1/21	4/1/21	0%	0
PB.U1.1050	Boiler 1 East Side Wall & Tube Mouthing	5	5	4/2/21	4/7/21	0%	0
PB.U1.1060	Boiler 1 Mechanical Demo	8	8	4/8/21	4/16/21	0%	0
PB.U1.1070	Structural Demo Col.'s 1-5 / G-D	8	8	4/17/21	4/26/21	0%	0
PB.U1.1080	Complete Fuel Oil Room Demo	1	1	4/27/21	4/27/21	0%	0
PB.U1.1090	Demo & Clear to Basement Elevation Col.'s 1-5 /	7	7	4/28/21	5/5/21	0%	0
PB.U1.1100	Demo Turbine Structure Col.s 1-5 / D-A	6	6	5/6/21	5/12/21	0%	0
PB.U1.1110	Demo & Clear Turbine Basement Col.s 1-5 / D-A	3	3	5/13/21	5/15/21	0%	0
PB.U1.1120	Hammer Turbine Base to Final Grade Elevation	5	5	9/27/21	10/1/21	0%	0
Non-ACM Insulation Removal		17	17	7/30/20	8/18/20		102
PB.U1.IR.1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	1	7/30/20	7/30/20	0%	102
PB.U1.IR.1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	1	7/31/20	7/31/20	0%	102
PB.U1.IR.1020	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	1	8/4/20	8/4/20	0%	102
PB.U1.IR.1030	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	1	8/5/20	8/5/20	0%	102
PB.U1.IR.1040	Platform El. 61'4" (Col. 1-5)	1	1	8/8/20	8/8/20	0%	102
PB.U1.IR.1050	Platform El. 50'0" (Col. 1-5)	1	1	8/10/20	8/10/20	0%	102
PB.U1.IR.1060	Operating Fl. El. 34'0" (Col. 1-5)	1	1	8/13/20	8/13/20	0%	102



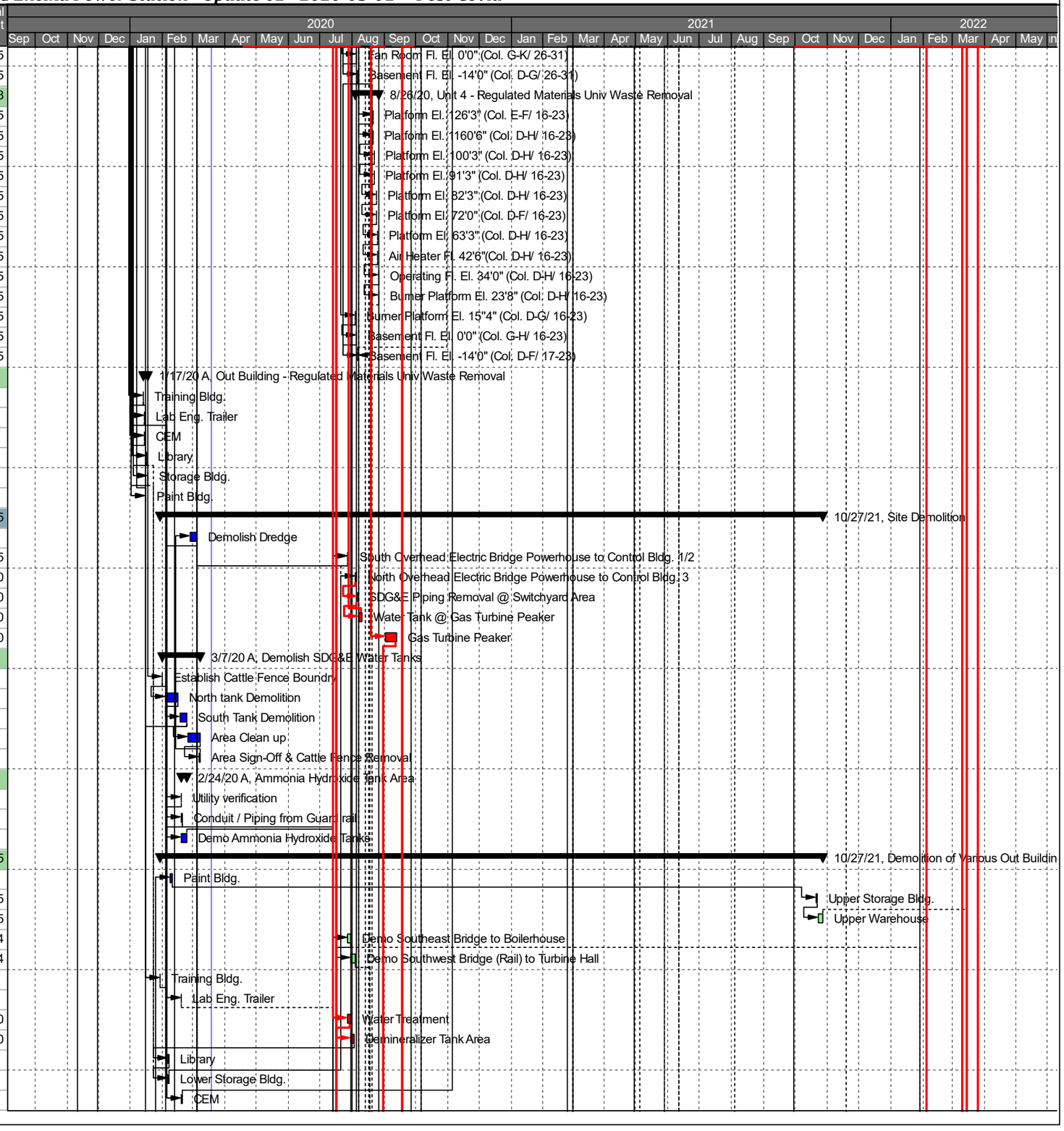
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
PB.U1.IR.1070	Mezz. Fl. El. 17'6" (Col. 1-5)	1	1	8/14/20	8/14/20	0%	102
PB.U1.IR.1080	Basement El. 0'0" (Col. 1-5)	1	1	8/18/20	8/18/20	0%	102
Utility Disconnects		195	22	1/9/20 A	8/20/20		92
Verify Utility Disconnects Unit 3 (Col.'s D-H)		178	1	1/9/20 A	7/31/20		89
UD.U3.1000	Mezz. Fl. El. 17'6" (Col. 10-16)	4	0	1/9/20 A	1/11/20 A	100%	
UD.U3.1010	Operating Fl. El. 34'0" (Col. 10-16)	2	0	1/11/20 A	1/16/20 A	100%	
UD.U3.1020	Platform El. 50'0" (Col. 10-16)	2	0	1/16/20 A	1/17/20 A	100%	
UD.U3.1030	Platform El. 61'4" (Col. 10-16)	2	0	1/17/20 A	1/18/20 A	100%	
UD.U3.1040	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	0	1/20/20 A	1/22/20 A	100%	
UD.U3.1050	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	0	1/23/20 A	1/23/20 A	100%	
UD.U3.1060	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	0	1/24/20 A	1/24/20 A	100%	
UD.U3.1070	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	0	1/25/20 A	1/27/20 A	100%	
UD.U3.1080	Basement El. 0'0" (Col. 10-16)	1	1	7/31/20	7/31/20	0%	89
Verify Utility Disconnections Units 2 (Col.'s D-H)		149	1	2/8/20 A	7/31/20		109
UD.U2.1000	Mezz. Fl. El. 17'6" (Col. 5-16)	3	0	2/14/20 A	2/15/20 A	100%	
UD.U2.1010	Operating Fl. El. 34'0" (Col. 5-16)	2	0	2/13/20 A	2/14/20 A	100%	
UD.U2.1020	Platform El. 50'0" (Col. 5-16)	2	0	2/12/20 A	2/12/20 A	100%	
UD.U2.1030	Platform El. 61'4" (Col. 5-16)	2	0	2/12/20 A	2/12/20 A	100%	
UD.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	0	2/11/20 A	2/11/20 A	100%	
UD.U2.1050	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	0	2/11/20 A	2/11/20 A	100%	
UD.U2.1060	ID & Fan Fl. El. 98'6" (Col. 5-16)	2	0	2/10/20 A	2/10/20 A	100%	
UD.U2.1070	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2	0	2/8/20 A	2/8/20 A	100%	
UD.U2.1080	Basement El. 0'0" (Col. 5-16)	1	1	7/31/20	7/31/20	0%	109
Verify Utility Disconnections Units 1 (Col.'s D-H)		130	1	2/25/20 A	7/31/20		89
UD.U1.1000	Mezz. Fl. El. 17'6" (Col. 1-5)	1	0	3/13/20 A	3/13/20 A	100%	
UD.U1.1010	Operating Fl. El. 34'0" (Col. 1-5)	1	0	3/12/20 A	3/12/20 A	100%	
UD.U1.1020	Platform El. 50'0" (Col. 1-5)	1	0	3/11/20 A	3/11/20 A	100%	
UD.U1.1030	Platform El. 61'4" (Col. 1-5)	1	0	2/29/20 A	2/29/20 A	100%	
UD.U1.1040	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	0	2/28/20 A	2/29/20 A	100%	
UD.U1.1050	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	0	2/27/20 A	2/27/20 A	100%	
UD.U1.1060	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	0	2/26/20 A	2/27/20 A	100%	
UD.U1.1070	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	0	2/25/20 A	2/25/20 A	100%	
UD.U1.1080	Basement El. 0'0" (Col. 1-5)	1	1	7/31/20	7/31/20	0%	89
Verify Utility Disconnections Units 5		12	12	7/27/20	8/8/20		80
UD.U5.1000	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1	1	7/27/20	7/27/20	0%	5
UD.U5.1010	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1	1	7/28/20	7/28/20	0%	5
UD.U5.1020	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	2	2	7/29/20	7/30/20	0%	5
UD.U5.1030	Platform El 53'1"(Col. D-H/ 26-31)	1	1	7/31/20	7/31/20	0%	5
UD.U5.1040	Platform El. 64'0" (Col. D-H/ 26-31)	1	1	8/1/20	8/1/20	0%	5
UD.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1	1	8/3/20	8/3/20	0%	5
UD.U5.1060	Platform El. 81'0" (Col. D-H/ 26-31)	1	1	8/4/20	8/4/20	0%	5
UD.U5.1070	Platform El. 89'0" (Col. D-H/ 26-31)	1	1	8/5/20	8/5/20	0%	5
UD.U5.1080	Platform El. 98'0" (Col. D-H/ 26-31)	1	1	8/6/20	8/6/20	0%	5
UD.U5.1090	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	1	1	8/7/20	8/7/20	0%	5
UD.U5.1100	Platform El. 125'7" (Col. F-H/ 26-31)	1	1	8/8/20	8/8/20	0%	5
UD.U5.1110	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	1	1	7/31/20	7/31/20	0%	85
UD.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1	1	8/1/20	8/1/20	0%	85
UD.U5.1130	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	1	8/3/20	8/3/20	0%	85
Verify Utility Disconnections Units 4		18	18	7/31/20	8/20/20		70
UD.U4.1000	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1	1	8/10/20	8/10/20	0%	5
UD.U4.1010	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	1	8/11/20	8/11/20	0%	5
UD.U4.1020	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	1	8/12/20	8/12/20	0%	5
UD.U4.1030	Platform El. 63'3" (Col. D-H/ 16-23)	1	1	8/13/20	8/13/20	0%	5



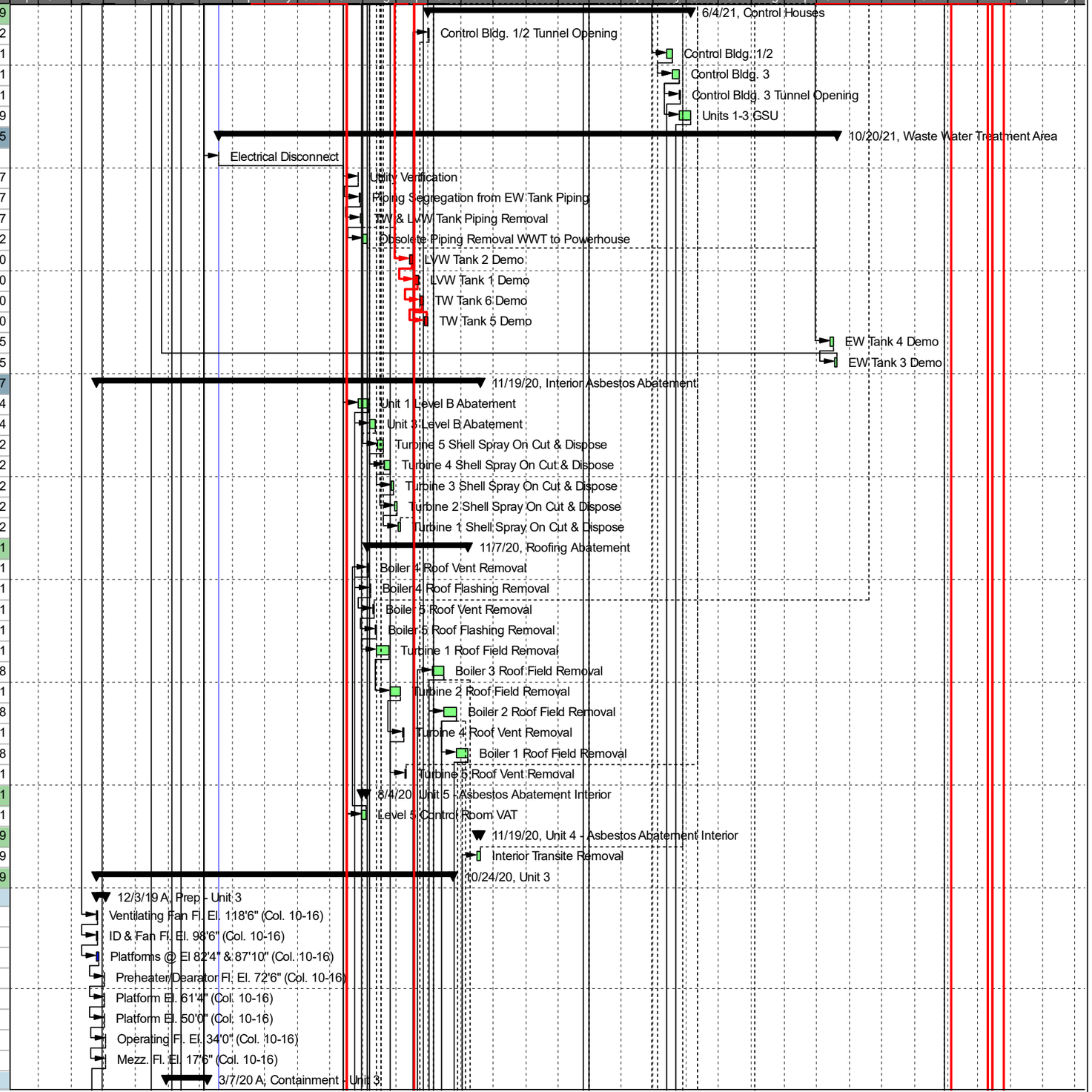
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
UD.U4.1040	Platform El. 72'0" (Col. D-F/ 16-23)	1	1	8/14/20	8/14/20	0%	5
UD.U4.1050	Platform El. 82'3" (Col. D-H/ 16-23)	1	1	8/15/20	8/15/20	0%	5
UD.U4.1060	Platform El. 91'3" (Col. D-H/ 16-23)	1	1	8/17/20	8/17/20	0%	5
UD.U4.1070	Platform El. 100'3" (Col. D-H/ 16-23)	1	1	8/18/20	8/18/20	0%	5
UD.U4.1080	Platform El. 1160'6" (Col. D-H/ 16-23)	1	1	8/19/20	8/19/20	0%	5
UD.U4.1090	Platform El. 126'3" (Col. E-F/ 16-23)	1	1	8/20/20	8/20/20	0%	5
UD.U4.1100	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	1	1	7/31/20	7/31/20	0%	85
UD.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1	1	8/1/20	8/1/20	0%	85
UD.U4.1120	Burner Platform El. 15'4" (Col. D-G/ 16-23)	1	1	8/3/20	8/3/20	0%	85
Regulated Materials Univ Waste Removal		200	22	1/13/20 A	8/26/20		87
Unit 3 - Regulated Materials Univ Waste Removal		162	1	1/21/20 A	8/1/20		108
RM.U3.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	0	1/21/20 A	1/22/20 A	100%	
RM.U3.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	0	1/23/20 A	1/25/20 A	100%	
RM.U3.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	0	1/27/20 A	1/27/20 A	100%	
RM.U3.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	0	1/28/20 A	1/29/20 A	100%	
RM.U3.1040	Platform El. 61'4" (Col. 10-16)	1	0	1/30/20 A	1/31/20 A	100%	
RM.U3.1050	Platform El. 50'0" (Col. 10-16)	1	0	2/1/20 A	2/1/20 A	100%	
RM.U3.1060	Operating Fl. El. 34'0" (Col. 10-16)	1	0	2/3/20 A	2/5/20 A	100%	
RM.U3.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	1	0	2/5/20 A	2/7/20 A	100%	
RM.U3.1080	Basement El. 0'0" (Col. 10-16)	1	1	8/1/20	8/1/20	0%	108
Unit 2 - Regulated Materials Univ Waste Removal		133	1	2/24/20 A	8/1/20		108
RM.U2.1000	Basement El. 0'0" (Col. 5-16)	1	1	8/1/20	8/1/20	0%	108
RM.U2.1010	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	0	2/24/20 A	2/24/20 A	100%	
RM.U2.1020	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	0	2/25/20 A	2/25/20 A	100%	
RM.U2.1030	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	0	2/26/20 A	2/26/20 A	100%	
RM.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	0	2/26/20 A	2/26/20 A	100%	
RM.U2.1050	Platform El. 61'4" (Col. 5-16)	1	0	2/27/20 A	2/27/20 A	100%	
RM.U2.1060	Platform El. 50'0" (Col. 5-16)	1	0	2/27/20 A	2/27/20 A	100%	
RM.U2.1070	Operating Fl. El. 34'0" (Col. 5-16)	1	0	2/28/20 A	2/28/20 A	100%	
RM.U2.1080	Mezz. Fl. El. 17'6" (Col. 5-16)	1	0	2/29/20 A	2/29/20 A	100%	
Unit 1 - Regulated Materials Univ Waste Removal		125	1	2/24/20 A	8/1/20		89
RM.U1.1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	0	2/24/20 A	2/24/20 A	100%	
RM.U1.1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	0	2/25/20 A	2/25/20 A	100%	
RM.U1.1020	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	0	2/26/20 A	2/26/20 A	100%	
RM.U1.1030	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	0	2/26/20 A	2/26/20 A	100%	
RM.U1.1040	Platform El. 61'4" (Col. 1-5)	1	0	2/27/20 A	2/27/20 A	100%	
RM.U1.1050	Platform El. 50'0" (Col. 1-5)	1	0	2/27/20 A	2/27/20 A	100%	
RM.U1.1060	Operating Fl. El. 34'0" (Col. 1-5)	1	0	2/28/20 A	2/28/20 A	100%	
RM.U1.1070	Mezz. Fl. El. 17'6" (Col. 1-5)	1	0	2/29/20 A	2/29/20 A	100%	
RM.U1.1080	Basement El. 0'0" (Col. 1-5)	1	1	8/1/20	8/1/20	0%	89
Unit 5 - Regulated Materials Univ Waste Removal		11	11	8/4/20	8/15/20		78
RM.U5.1000	Platform El. 125'7" (Col. F-H/ 26-31)	1	1	8/10/20	8/10/20	0%	10
RM.U5.1010	Dearator Platform El. 109'0" (Col. D-H/ 26-31)	1	1	8/10/20	8/10/20	0%	10
RM.U5.1020	Platform El. 98'0" (Col. D-H/ 26-31)	1	1	8/11/20	8/11/20	0%	10
RM.U5.1030	Platform El. 89'0" (Col. D-H/ 26-31)	1	1	8/11/20	8/11/20	0%	10
RM.U5.1040	Platform El. 81'0" (Col. D-H/ 26-31)	1	1	8/12/20	8/12/20	0%	10
RM.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1	1	8/12/20	8/12/20	0%	10
RM.U5.1060	Platform El. 64'0" (Col. D-H/ 26-31)	1	1	8/13/20	8/13/20	0%	10
RM.U5.1070	Platform El 53'1"(Col. D-H/ 26-31)	1	1	8/13/20	8/13/20	0%	10
RM.U5.1080	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	1	1	8/14/20	8/14/20	0%	10
RM.U5.1090	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1	1	8/14/20	8/14/20	0%	10
RM.U5.1100	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1	1	8/15/20	8/15/20	0%	10
RM.U5.1110	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	1	8/4/20	8/4/20	0%	85



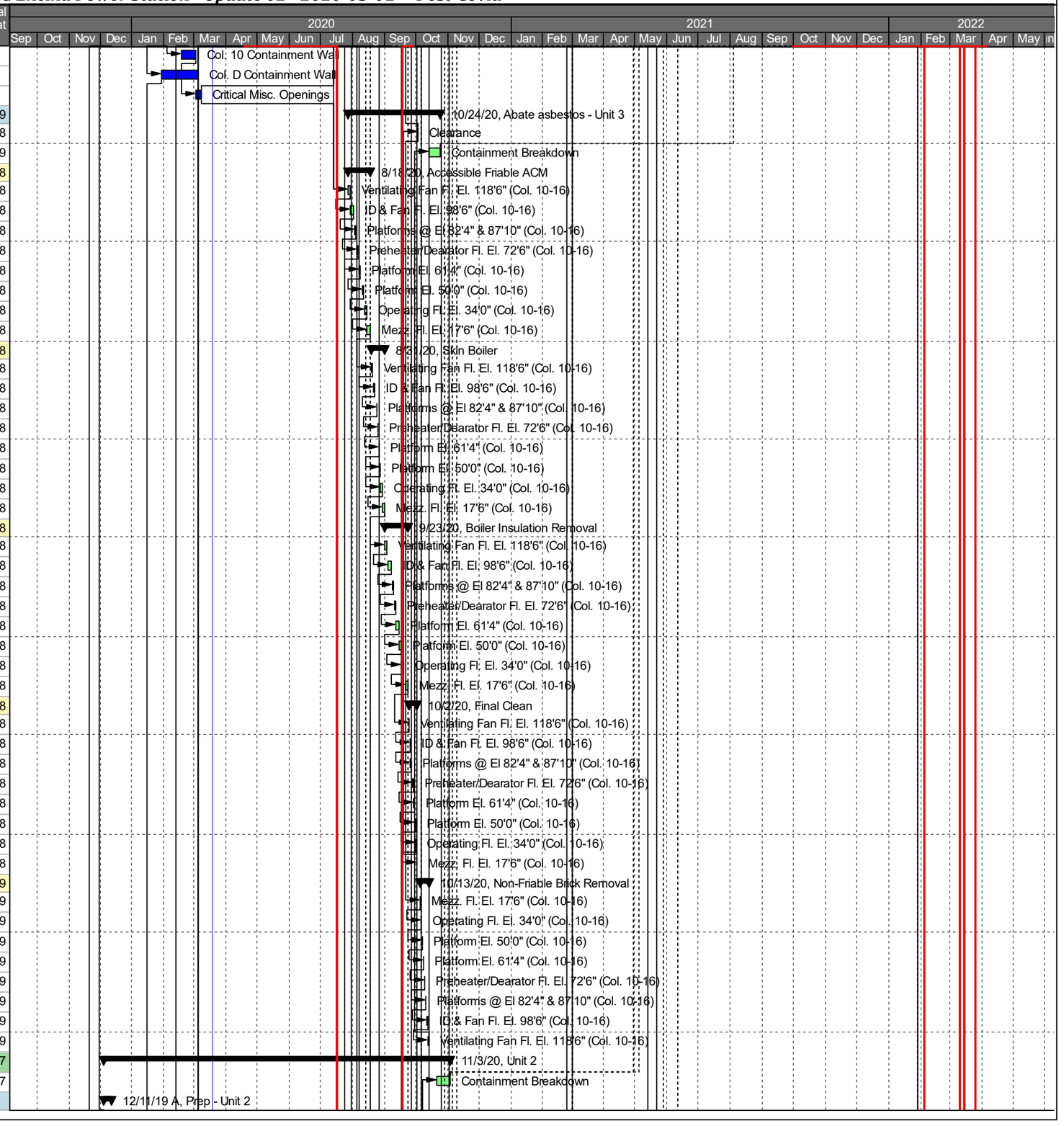
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
RM.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1	1	8/5/20	8/5/20	0%	85
RM.U5.1130	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	1	1	8/6/20	8/6/20	0%	85
Unit 4 - Regulated Materials Univ Waste Removal		20	20	8/4/20	8/26/20		68
RM.U4.1000	Platform El. 126'3" (Col. E-F/ 16-23)	1	1	8/21/20	8/21/20	0%	5
RM.U4.1010	Platform El. 160'6" (Col. D-H/ 16-23)	1	1	8/21/20	8/21/20	0%	5
RM.U4.1020	Platform El. 100'3" (Col. D-H/ 16-23)	1	1	8/22/20	8/22/20	0%	5
RM.U4.1030	Platform El. 91'3" (Col. D-H/ 16-23)	1	1	8/22/20	8/22/20	0%	5
RM.U4.1040	Platform El. 82'3" (Col. D-H/ 16-23)	1	1	8/24/20	8/24/20	0%	5
RM.U4.1050	Platform El. 72'0" (Col. D-F/ 16-23)	1	1	8/24/20	8/24/20	0%	5
RM.U4.1060	Platform El. 63'3" (Col. D-H/ 16-23)	1	1	8/25/20	8/25/20	0%	5
RM.U4.1070	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	1	8/25/20	8/25/20	0%	5
RM.U4.1080	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	1	8/26/20	8/26/20	0%	5
RM.U4.1090	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1	1	8/26/20	8/26/20	0%	5
RM.U4.1100	Burner Platform El. 15"4" (Col. D-G/ 16-23)	1	1	8/4/20	8/4/20	0%	85
RM.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1	1	8/5/20	8/5/20	0%	85
RM.U4.1120	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	1	1	8/6/20	8/6/20	0%	85
Out Building - Regulated Materials Univ Waste Removal		3	0	1/13/20 A	1/17/20 A		
RM.OB.1000	Training Bldg.	1	0	1/13/20 A	1/13/20 A	100%	
RM.OB.1010	Lab Eng. Trailer	1	0	1/14/20 A	1/14/20 A	100%	
RM.OB.1020	CEM	1	0	1/14/20 A	1/14/20 A	100%	
RM.OB.1030	Library	1	0	1/16/20 A	1/16/20 A	100%	
RM.OB.1040	Storage Bldg.	1	0	1/17/20 A	1/17/20 A	100%	
RM.OB.1050	Paint Bldg.	1	0	1/15/20 A	1/15/20 A	100%	
Site Demolition		550	388	1/29/20 A	10/27/21		125
SD.1000	Demolish Dredge	5	0	2/27/20 A	3/4/20 A	100%	
SD.1010	South Overhead Electric Bridge Powerhouse to C	2	2	7/27/20	7/28/20	0%	5
SD.1020	North Overhead Electric Bridge Powerhouse to C	2	2	8/4/20	8/5/20	0%	0
SD.1030	SDG&E Piping Removal @ Switchyard Area	1	1	8/6/20	8/6/20	0%	0
SD.1040	Water Tank @ Gas Turbine Peaker	3	3	8/7/20	8/10/20	0%	0
SD.1050	Gas Turbine Peaker	10	10	9/2/20	9/12/20	0%	0
Demolish SDG&E Water Tanks		43	0	1/31/20 A	3/7/20 A		
SD.WT.1000	Establish Cattle Fence Boundry	1	0	1/31/20 A	1/31/20 A	100%	
SD.WT.1010	North tank Demolition	5	0	2/3/20 A	2/15/20 A	100%	
SD.WT.1020	South Tank Demolition	5	0	2/17/20 A	2/24/20 A	100%	
SD.WT.1030	Area Clean up	2	0	2/25/20 A	3/7/20 A	100%	
SD.WT.1040	Area Sign-Off & Cattle Fence Removal	1	0	3/7/20 A	3/7/20 A	100%	
Ammonia Hydroxide Tank Area		27	0	2/18/20 A	2/24/20 A		
SD.AH.1000	Utility verification	1	0	2/18/20 A	2/18/20 A	100%	
SD.AH.1010	Conduit / Piping from Guard rail	3	0	2/19/20 A	2/19/20 A	100%	
SD.AH.1020	Demo Ammonia Hydroxide Tanks	6	0	2/19/20 A	2/24/20 A	100%	
Demolition of Various Out Buildings		539	388	1/29/20 A	10/27/21		125
SD.OB.1000	Paint Bldg.	3	0	2/8/20 A	2/10/20 A	100%	
SD.OB.1010	Upper Storage Bldg.	2	2	10/21/21	10/22/21	0%	125
SD.OB.1020	Upper Warehouse	4	4	10/23/21	10/27/21	0%	125
SD.OB.1030	Demo Southeast Bridge to Boilerhouse	4	4	7/27/20	7/30/20	0%	164
SD.OB.1040	Demo Southwest Bridge (Rail) to Turbine Hall	4	4	7/31/20	8/4/20	0%	164
SD.OB.1050	Training Bldg.	2	0	1/29/20 A	1/29/20 A	100%	
SD.OB.1060	Lab Eng. Trailer	3	0	2/18/20 A	2/18/20 A	100%	
SD.OB.1070	Water Treatment	4	4	7/27/20	7/30/20	0%	0
SD.OB.1080	Demineralizer Tank Area	3	3	7/31/20	8/3/20	0%	0
SD.OB.1090	Library	2	0	2/6/20 A	2/6/20 A	100%	
SD.OB.1100	Lower Storage Bldg.	2	0	2/6/20 A	2/6/20 A	100%	
SD.OB.1110	CEM	1	0	2/19/20 A	2/19/20 A	100%	



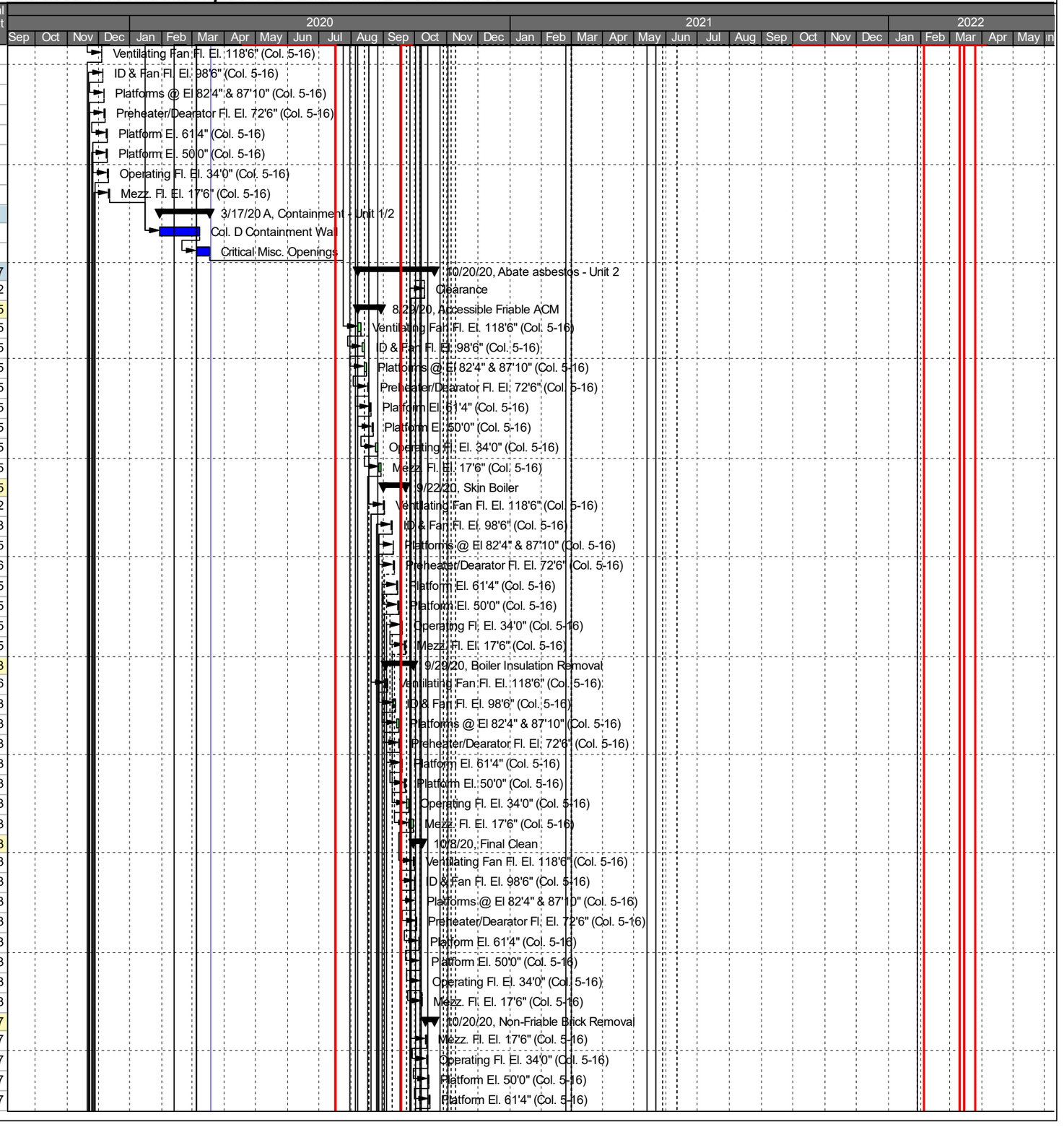
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
Control Houses		207	207	10/1/20	6/4/21		239
SD.CH.1000	Control Bldg. 1/2 Tunnel Opening	2	2	10/1/20	10/2/20	0%	132
SD.CH.1010	Control Bldg. 1/2	5	5	5/13/21	5/18/21	0%	11
SD.CH.1020	Control Bldg. 3	5	5	5/19/21	5/24/21	0%	11
SD.CH.1030	Control Bldg. 3 Tunnel Opening	2	2	5/25/21	5/26/21	0%	11
SD.CH.1040	Units 1-3 GSU	10	10	5/25/21	6/4/21	0%	239
Waste Water Treatment Area		382	382	3/18/20 A	10/20/21		125
WW.1000	Electrical Disconnect	10	0	3/18/20 A	3/18/20 A	100%	
WW.1010	Utility Verification	1	1	7/27/20	7/27/20	0%	37
WW.1020	Piping Segregation from EW Tank Piping	2	2	7/28/20	7/29/20	0%	37
WW.1030	TW & LVW Tank Piping Removal	2	2	7/30/20	7/31/20	0%	37
WW.1040	Obsolete Piping Removal WWT to Powerhouse	4	4	8/1/20	8/5/20	0%	492
WW.1050	LVW Tank 2 Demo	4	4	9/14/20	9/17/20	0%	0
WW.1060	LVW Tank 1 Demo	4	4	9/18/20	9/22/20	0%	0
WW.1070	TW Tank 6 Demo	4	4	9/23/20	9/26/20	0%	0
WW.1080	TW Tank 5 Demo	4	4	9/28/20	10/1/20	0%	0
WW.1090	EW Tank 4 Demo	3	3	10/14/21	10/16/21	0%	125
WW.1100	EW Tank 3 Demo	3	3	10/18/21	10/20/21	0%	125
Interior Asbestos Abatement		312	100	11/25/19 A	11/19/20		227
IA.1000	Unit 1 Level B Abatement	10	10	7/27/20	8/6/20	0%	24
IA.1010	Unit 3 Level B Abatement	5	5	8/7/20	8/12/20	0%	24
IA.1020	Turbine 5 Shell Spray On Cut & Dispose	5	5	8/15/20	8/20/20	0%	22
IA.1030	Turbine 4 Shell Spray On Cut & Dispose	5	5	8/21/20	8/26/20	0%	22
IA.1040	Turbine 3 Shell Spray On Cut & Dispose	3	3	8/27/20	8/29/20	0%	22
IA.1050	Turbine 2 Shell Spray On Cut & Dispose	3	3	8/31/20	9/2/20	0%	22
IA.1060	Turbine 1 Shell Spray On Cut & Dispose	3	3	9/3/20	9/5/20	0%	22
Roofing Abatement		82	82	8/5/20	11/7/20		191
IA.RA.1000	Boiler 4 Roof Vent Removal	2	2	8/5/20	8/6/20	0%	241
IA.RA.1010	Boiler 4 Roof Flashing Removal	2	2	8/7/20	8/8/20	0%	241
IA.RA.1020	Boiler 5 Roof Vent Removal	2	2	8/10/20	8/11/20	0%	241
IA.RA.1030	Boiler 5 Roof Flashing Removal	2	2	8/12/20	8/13/20	0%	241
IA.RA.1040	Turbine 1 Roof Field Removal	10	10	8/14/20	8/25/20	0%	241
IA.RA.1050	Boiler 3 Roof Field Removal	10	10	10/5/20	10/15/20	0%	58
IA.RA.1060	Turbine 2 Roof Field Removal	10	10	8/26/20	9/5/20	0%	241
IA.RA.1070	Boiler 2 Roof Field Removal	10	10	10/16/20	10/27/20	0%	88
IA.RA.1080	Turbine 4 Roof Vent Removal	2	2	9/7/20	9/8/20	0%	241
IA.RA.1090	Boiler 1 Roof Field Removal	10	10	10/28/20	11/7/20	0%	88
IA.RA.1100	Turbine 5 Roof Vent Removal	2	2	9/9/20	9/10/20	0%	241
Unit 5 - Asbestos Abatement Interior		4	4	7/31/20	8/4/20		241
IA.U5.1000	Level 5 Control Room VAT	4	4	7/31/20	8/4/20	0%	241
Unit 4 - Asbestos Abatement Interior		4	4	11/16/20	11/19/20		169
IA.U4.1000	Interior Transite Removal	4	4	11/16/20	11/19/20	0%	169
Unit 3		290	78	11/25/19 A	10/24/20		249
Prep - Unit 3		16	0	11/25/19 A	12/3/19 A		
IA.U3.P.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	0	11/25/19 A	11/25/19 A	100%	
IA.U3.P.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	0	11/25/19 A	11/25/19 A	100%	
IA.U3.P.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	0	11/25/19 A	11/26/19 A	100%	
IA.U3.P.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	0	12/2/19 A	12/2/19 A	100%	
IA.U3.P.1040	Platform El. 61'4" (Col. 10-16)	2	0	12/2/19 A	12/2/19 A	100%	
IA.U3.P.1050	Platform El. 50'0" (Col. 10-16)	2	0	12/2/19 A	12/2/19 A	100%	
IA.U3.P.1060	Operating Fl. El. 34'0" (Col. 10-16)	2	0	12/3/19 A	12/3/19 A	100%	
IA.U3.P.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	2	0	12/3/19 A	12/3/19 A	100%	
Containment - Unit 3		24	0	1/29/20 A	3/7/20 A		



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
IA.U3.C.1000	Col. 10 Containment Wall	12	0	2/17/20 A	3/2/20 A	100%	
IA.U3.C.1010	Col. D Containment Wall	5	0	1/29/20 A	3/4/20 A	100%	
IA.U3.C.1020	Critical Misc. Openings	12	0	3/2/20 A	3/7/20 A	100%	
Abate asbestos - Unit 3		78	78	7/27/20	10/24/20		249
IA.U3.A.1320	Clearance	1	1	10/3/20	10/3/20	0%	58
IA.U3.A.1410	Containment Breakdown	10	10	10/14/20	10/24/20	0%	249
Accessible Friable ACM		20	20	7/27/20	8/18/20		58
IA.U3.A.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	3	3	7/27/20	7/29/20	0%	58
IA.U3.A.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	3	3	7/30/20	8/1/20	0%	58
IA.U3.A.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	2	8/3/20	8/4/20	0%	58
IA.U3.A.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	2	8/5/20	8/6/20	0%	58
IA.U3.A.1040	Platform El. 61'4" (Col. 10-16)	2	2	8/7/20	8/8/20	0%	58
IA.U3.A.1050	Platform El. 50'0" (Col. 10-16)	2	2	8/10/20	8/11/20	0%	58
IA.U3.A.1060	Operating Fl. El. 34'0" (Col. 10-16)	3	3	8/12/20	8/14/20	0%	58
IA.U3.A.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	3	3	8/15/20	8/18/20	0%	58
Skin Boiler		11	11	8/19/20	8/31/20		58
IA.U3.A.1080	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	2	8/19/20	8/20/20	0%	58
IA.U3.A.1090	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	2	8/21/20	8/22/20	0%	58
IA.U3.A.1100	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	1	8/24/20	8/24/20	0%	58
IA.U3.A.1110	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	1	8/25/20	8/25/20	0%	58
IA.U3.A.1120	Platform El. 61'4" (Col. 10-16)	1	1	8/26/20	8/26/20	0%	58
IA.U3.A.1130	Platform El. 50'0" (Col. 10-16)	1	1	8/27/20	8/27/20	0%	58
IA.U3.A.1140	Operating Fl. El. 34'0" (Col. 10-16)	2	2	8/28/20	8/29/20	0%	58
IA.U3.A.1150	Mezz. Fl. El. 17'6" (Col. 10-16)	2	2	8/29/20	8/31/20	0%	58
Boiler Insulation Removal		20	20	9/1/20	9/23/20		58
IA.U3.A.1160	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	3	3	9/1/20	9/3/20	0%	58
IA.U3.A.1170	ID & Fan Fl. El. 98'6" (Col. 10-16)	3	3	9/4/20	9/7/20	0%	58
IA.U3.A.1180	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	2	9/8/20	9/9/20	0%	58
IA.U3.A.1190	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	2	9/10/20	9/11/20	0%	58
IA.U3.A.1200	Platform El. 61'4" (Col. 10-16)	2	2	9/12/20	9/14/20	0%	58
IA.U3.A.1210	Platform El. 50'0" (Col. 10-16)	2	2	9/15/20	9/16/20	0%	58
IA.U3.A.1220	Operating Fl. El. 34'0" (Col. 10-16)	3	3	9/17/20	9/19/20	0%	58
IA.U3.A.1230	Mezz. Fl. El. 17'6" (Col. 10-16)	3	3	9/21/20	9/23/20	0%	58
Final Clean		8	8	9/24/20	10/2/20		58
IA.U3.A.1240	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	1	9/24/20	9/24/20	0%	58
IA.U3.A.1250	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	1	9/25/20	9/25/20	0%	58
IA.U3.A.1260	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	1	9/26/20	9/26/20	0%	58
IA.U3.A.1270	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	1	9/28/20	9/28/20	0%	58
IA.U3.A.1280	Platform El. 61'4" (Col. 10-16)	1	1	9/29/20	9/29/20	0%	58
IA.U3.A.1290	Platform El. 50'0" (Col. 10-16)	1	1	9/30/20	9/30/20	0%	58
IA.U3.A.1300	Operating Fl. El. 34'0" (Col. 10-16)	1	1	10/1/20	10/1/20	0%	58
IA.U3.A.1310	Mezz. Fl. El. 17'6" (Col. 10-16)	1	1	10/2/20	10/2/20	0%	58
Non-Friable Brick Removal		8	8	10/5/20	10/13/20		249
IA.U3.A.1330	Mezz. Fl. El. 17'6" (Col. 10-16)	1	1	10/5/20	10/5/20	0%	249
IA.U3.A.1340	Operating Fl. El. 34'0" (Col. 10-16)	1	1	10/6/20	10/6/20	0%	249
IA.U3.A.1350	Platform El. 50'0" (Col. 10-16)	1	1	10/7/20	10/7/20	0%	249
IA.U3.A.1360	Platform El. 61'4" (Col. 10-16)	1	1	10/8/20	10/8/20	0%	249
IA.U3.A.1370	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	1	10/9/20	10/9/20	0%	249
IA.U3.A.1380	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	1	10/10/20	10/10/20	0%	249
IA.U3.A.1390	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	1	10/12/20	10/12/20	0%	249
IA.U3.A.1400	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	1	10/13/20	10/13/20	0%	249
Unit 2		282	76	12/4/19 A	11/3/20		107
IA.U2.1000	Containment Breakdown	12	12	10/21/20	11/3/20	0%	107
Prep - Unit 2		25	0	12/4/19 A	12/11/19 A		



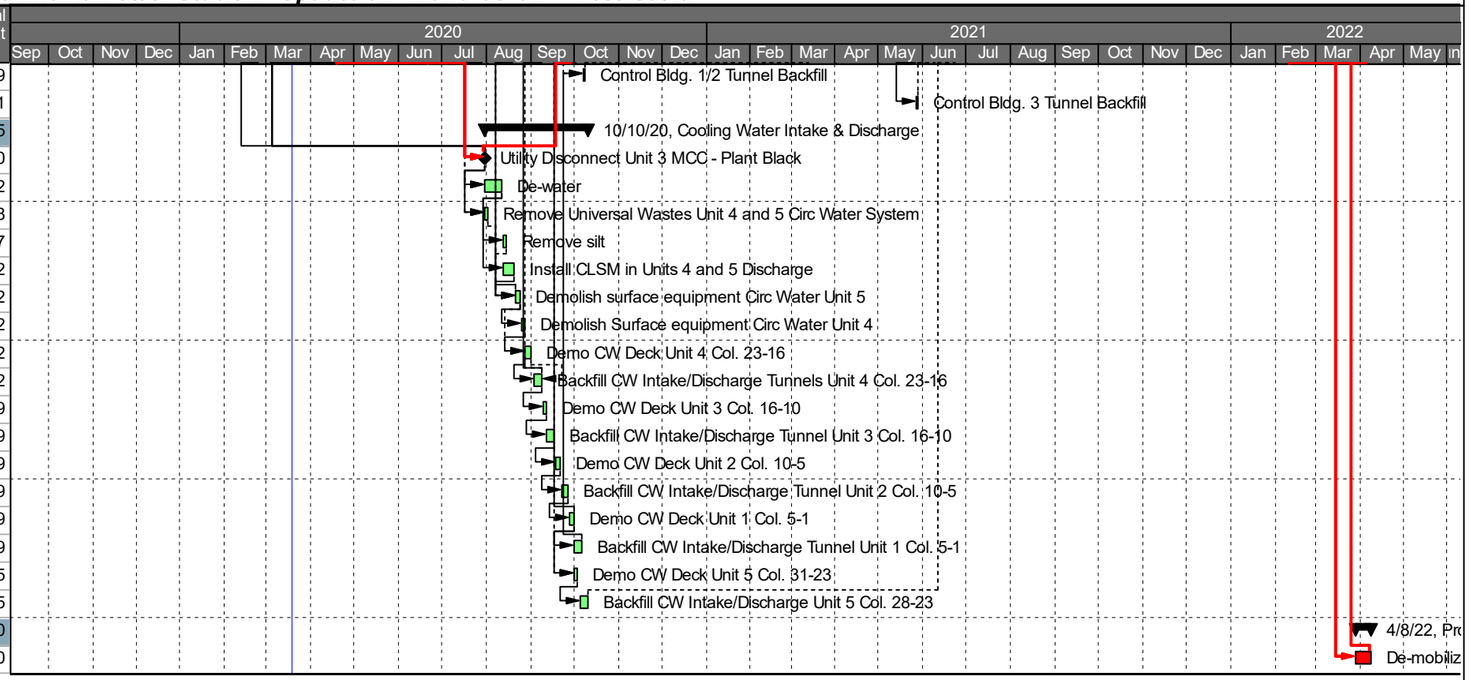
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
IA.U2.P.1000	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	0	12/4/19 A	12/4/19 A	100%	
IA.U2.P.1010	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	0	12/5/19 A	12/5/19 A	100%	
IA.U2.P.1020	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	0	12/6/19 A	12/6/19 A	100%	
IA.U2.P.1030	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	0	12/7/19 A	12/7/19 A	100%	
IA.U2.P.1040	Platform El. 61'4" (Col. 5-16)	1	0	12/9/19 A	12/9/19 A	100%	
IA.U2.P.1050	Platform El. 50'0" (Col. 5-16)	1	0	12/9/19 A	12/9/19 A	100%	
IA.U2.P.1060	Operating Fl. El. 34'0" (Col. 5-16)	2	0	12/10/19 A	12/10/19 A	100%	
IA.U2.P.1070	Mezz. Fl. El. 17'6" (Col. 5-16)	2	0	12/11/19 A	12/11/19 A	100%	
Containment - Unit 1/2		37	0	1/29/20 A	3/17/20 A		
IA.U2.C.1000	Col. D Containment Wall	5	0	1/29/20 A	3/7/20 A	100%	
IA.U2.C.1010	Critical Misc. Openings	10	0	3/5/20 A	3/17/20 A	100%	
Abate asbestos - Unit 2		64	64	8/7/20	10/20/20		107
IA.U2.A.1320	Clearance	1	1	10/10/20	10/10/20	0%	92
Accessible Friable ACM		20	20	8/7/20	8/29/20		95
IA.U2.A.1000	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3	3	8/7/20	8/10/20	0%	95
IA.U2.A.1010	ID & Fan Fl. El. 98'6" (Col. 5-16)	3	3	8/11/20	8/13/20	0%	95
IA.U2.A.1020	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	2	8/14/20	8/15/20	0%	95
IA.U2.A.1030	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	2	8/17/20	8/18/20	0%	95
IA.U2.A.1040	Platform El. 61'4" (Col. 5-16)	2	2	8/19/20	8/20/20	0%	95
IA.U2.A.1050	Platform El. 50'0" (Col. 5-16)	2	2	8/21/20	8/22/20	0%	95
IA.U2.A.1060	Operating Fl. El. 34'0" (Col. 5-16)	3	3	8/24/20	8/26/20	0%	95
IA.U2.A.1070	Mezz. Fl. El. 17'6" (Col. 5-16)	3	3	8/27/20	8/29/20	0%	95
Skin Boiler		19	19	9/1/20	9/22/20		95
IA.U2.A.1080	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2	2	9/1/20	9/2/20	0%	92
IA.U2.A.1100	ID & Fan Fl. El. 98'6" (Col. 5-16)	2	2	9/8/20	9/9/20	0%	93
IA.U2.A.1110	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	1	9/10/20	9/10/20	0%	95
IA.U2.A.1130	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	1	9/11/20	9/11/20	0%	96
IA.U2.A.1140	Platform El. 61'4" (Col. 5-16)	1	1	9/14/20	9/14/20	0%	95
IA.U2.A.1160	Platform El. 50'0" (Col. 5-16)	1	1	9/15/20	9/15/20	0%	95
IA.U2.A.1190	Operating Fl. El. 34'0" (Col. 5-16)	2	2	9/18/20	9/19/20	0%	95
IA.U2.A.1200	Mezz. Fl. El. 17'6" (Col. 5-16)	2	2	9/21/20	9/22/20	0%	95
Boiler Insulation Removal		23	23	9/3/20	9/29/20		93
IA.U2.A.1090	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3	3	9/3/20	9/5/20	0%	96
IA.U2.A.1120	ID & Fan Fl. El. 98'6" (Col. 5-16)	3	3	9/10/20	9/12/20	0%	93
IA.U2.A.1150	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	2	9/14/20	9/15/20	0%	93
IA.U2.A.1170	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	2	9/16/20	9/17/20	0%	93
IA.U2.A.1180	Platform El. 61'4" (Col. 5-16)	2	2	9/18/20	9/19/20	0%	93
IA.U2.A.1210	Platform El. 50'0" (Col. 5-16)	2	2	9/21/20	9/22/20	0%	93
IA.U2.A.1220	Operating Fl. El. 34'0" (Col. 5-16)	3	3	9/23/20	9/25/20	0%	93
IA.U2.A.1230	Mezz. Fl. El. 17'6" (Col. 5-16)	3	3	9/26/20	9/29/20	0%	93
Final Clean		8	8	9/30/20	10/8/20		93
IA.U2.A.1240	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	1	9/30/20	9/30/20	0%	93
IA.U2.A.1250	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	1	10/1/20	10/1/20	0%	93
IA.U2.A.1260	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	1	10/2/20	10/2/20	0%	93
IA.U2.A.1270	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	1	10/3/20	10/3/20	0%	93
IA.U2.A.1280	Platform El. 61'4" (Col. 5-16)	1	1	10/5/20	10/5/20	0%	93
IA.U2.A.1290	Platform El. 50'0" (Col. 5-16)	1	1	10/6/20	10/6/20	0%	93
IA.U2.A.1300	Operating Fl. El. 34'0" (Col. 5-16)	1	1	10/7/20	10/7/20	0%	93
IA.U2.A.1310	Mezz. Fl. El. 17'6" (Col. 5-16)	1	1	10/8/20	10/8/20	0%	93
Non-Friable Brick Removal		8	8	10/12/20	10/20/20		107
IA.U2.A.1330	Mezz. Fl. El. 17'6" (Col. 5-16)	1	1	10/12/20	10/12/20	0%	107
IA.U2.A.1340	Operating Fl. El. 34'0" (Col. 5-16)	1	1	10/13/20	10/13/20	0%	107
IA.U2.A.1350	Platform El. 50'0" (Col. 5-16)	1	1	10/14/20	10/14/20	0%	107
IA.U2.A.1360	Platform El. 61'4" (Col. 5-16)	1	1	10/15/20	10/15/20	0%	107



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
IA.U2.A.1370	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	1	10/16/20	10/16/20	0%	107
IA.U2.A.1380	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	1	10/17/20	10/17/20	0%	107
IA.U2.A.1390	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	1	10/19/20	10/19/20	0%	107
IA.U2.A.1400	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	1	10/20/20	10/20/20	0%	107
Unit 1		269	44	12/4/19 A	10/20/20		107
Prep - Unit 1		22	0	12/4/19 A	12/13/19 A		
IA.U1.P1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	0	12/4/19 A	12/5/19 A	100%	
IA.U1.P1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	2	0	12/5/19 A	12/6/19 A	100%	
IA.U1.P1020	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	0	12/7/19 A	12/7/19 A	100%	
IA.U1.P1030	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	0	12/9/19 A	12/9/19 A	100%	
IA.U1.P1040	Platform El. 61'4" (Col. 1-5)	1	0	12/10/19 A	12/10/19 A	100%	
IA.U1.P1050	Platform El. 50'0" (Col. 1-5)	1	0	12/11/19 A	12/11/19 A	100%	
IA.U1.P1060	Operating Fl. El. 34'0" (Col. 1-5)	2	0	12/12/19 A	12/12/19 A	100%	
IA.U1.P1070	Mezz. Fl. El. 17'6" (Col. 1-5)	4	0	12/13/19 A	12/13/19 A	100%	
Abate asbestos - Unit 1		44	44	8/31/20	10/20/20		107
Skin Boiler		19	19	9/3/20	9/24/20		95
IA.U1.A1020	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	2	2	9/3/20	9/4/20	0%	92
IA.U1.A1030	ID & Fan Fl. El. 98'6" (Col. 1-5)	2	2	9/5/20	9/7/20	0%	92
IA.U1.A1050	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	1	9/8/20	9/8/20	0%	97
IA.U1.A1090	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	1	9/11/20	9/11/20	0%	95
IA.U1.A1110	Platform El. 61'4" (Col. 1-5)	1	1	9/12/20	9/12/20	0%	95
IA.U1.A1150	Platform El. 50'0" (Col. 1-5)	1	1	9/16/20	9/16/20	0%	95
IA.U1.A1160	Operating Fl. El. 34'0" (Col. 1-5)	2	2	9/17/20	9/18/20	0%	95
IA.U1.A1210	Mezz. Fl. El. 17'6" (Col. 1-5)	2	2	9/23/20	9/24/20	0%	95
Boiler Insulation Removal		20	20	9/8/20	9/30/20		92
IA.U1.A1060	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3	3	9/8/20	9/10/20	0%	92
IA.U1.A1100	ID & Fan Fl. El. 98'6" (Col. 1-5)	3	3	9/11/20	9/14/20	0%	92
IA.U1.A1130	Platforms @ El 82'4" & 87'10" (Col. 1-5)	2	2	9/15/20	9/16/20	0%	92
IA.U1.A1170	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	2	9/17/20	9/18/20	0%	92
IA.U1.A1190	Platform El. 61'4" (Col. 1-5)	2	2	9/19/20	9/21/20	0%	92
IA.U1.A1200	Platform El. 50'0" (Col. 1-5)	2	2	9/22/20	9/23/20	0%	92
IA.U1.A1220	Operating Fl. El. 34'0" (Col. 1-5)	3	3	9/24/20	9/26/20	0%	92
IA.U1.A1230	Mezz. Fl. El. 17'6" (Col. 1-5)	3	3	9/28/20	9/30/20	0%	92
Final Clean		8	8	10/1/20	10/9/20		92
IA.U1.A1240	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	1	10/1/20	10/1/20	0%	92
IA.U1.A1250	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	1	10/2/20	10/2/20	0%	92
IA.U1.A1260	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	1	10/3/20	10/3/20	0%	92
IA.U1.A1270	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	1	10/5/20	10/5/20	0%	92
IA.U1.A1280	Platform El. 61'4" (Col. 1-5)	1	1	10/6/20	10/6/20	0%	92
IA.U1.A1290	Platform El. 50'0" (Col. 1-5)	1	1	10/7/20	10/7/20	0%	92
IA.U1.A1300	Operating Fl. El. 34'0" (Col. 1-5)	1	1	10/8/20	10/8/20	0%	92
IA.U1.A1310	Mezz. Fl. El. 17'6" (Col. 1-5)	1	1	10/9/20	10/9/20	0%	92
Non-Friable Brick Removal		8	8	10/12/20	10/20/20		107
IA.U1.A1320	Mezz. Fl. El. 17'6" (Col. 1-5)	1	1	10/12/20	10/12/20	0%	107
IA.U1.A1330	Operating Fl. El. 34'0" (Col. 1-5)	1	1	10/13/20	10/13/20	0%	107
IA.U1.A1340	Platform El. 50'0" (Col. 1-5)	1	1	10/14/20	10/14/20	0%	107
IA.U1.A1350	Platform El. 61'4" (Col. 1-5)	1	1	10/15/20	10/15/20	0%	107
IA.U1.A1360	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	1	10/16/20	10/16/20	0%	107
IA.U1.A1370	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	1	10/17/20	10/17/20	0%	107
IA.U1.A1380	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	1	10/19/20	10/19/20	0%	107
IA.U1.A1390	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	1	10/20/20	10/20/20	0%	107
Accessible Friable ACM		20	20	8/31/20	9/22/20		95
IA.U1.A1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3	3	8/31/20	9/2/20	0%	95
IA.U1.A1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	3	3	9/3/20	9/5/20	0%	95

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
IA.U1.A1040	Platforms @ El 82'4" & 87'10" (Col. 1-5)	2	2	9/7/20	9/8/20	0%	95
IA.U1.A1070	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	2	9/9/20	9/10/20	0%	95
IA.U1.A1080	Platform El. 61'4" (Col. 1-5)	2	2	9/11/20	9/12/20	0%	95
IA.U1.A1120	Platform El. 50'0" (Col. 1-5)	2	2	9/14/20	9/15/20	0%	95
IA.U1.A1140	Operating Fl. El. 34'0" (Col. 1-5)	3	3	9/16/20	9/18/20	0%	95
IA.U1.A1180	Mezz. Fl. El. 17'6" (Col. 1-5)	3	3	9/19/20	9/22/20	0%	95
Exterior Transite Removal		101	101	7/31/20	11/26/20		88
TR.1000	Exterior Transite Removal Col. 17-21 Ground ele\	2	2	7/31/20	8/1/20	0%	41
TR.1010	Exterior Transite Removal Col. 21 - H-D	9	9	7/31/20	8/10/20	0%	105
TR.1020	Exterior Transite Removal Col. 18 / A to A1	1	1	8/3/20	8/3/20	0%	41
TR.1030	Hydro-Mobile Install Col. H / Col.'s 15 to 21	3	3	8/3/20	8/5/20	0%	111
TR.1040	Exterior Transite Removal Col. A1 / 22 to 18	2	2	8/3/20	8/5/20	0%	41
TR.1050	Exterior Transite Removal Col. 22 / A to A1	1	1	8/5/20	8/5/20	0%	41
TR.1060	Exterior Transite Removal Col. 25 / A to A1	1	1	8/6/20	8/6/20	0%	41
TR.1070	Exterior Transite Removal Col. H / Col.'s 15 to 21	8	8	8/6/20	8/14/20	0%	144
TR.1080	Hydro-Mobile Install Col. H / Col.'s 21 to 26	3	3	8/6/20	8/8/20	0%	111
TR.1090	Exterior Transite Removal Col. A1 / 31 to 25	3	3	8/6/20	8/10/20	0%	41
TR.1100	Exterior Transit Removal Col. H / Col.'s 21 to 26	8	8	8/10/20	8/18/20	0%	111
TR.1110	Exterior Transite Removal Col. 31 / A to A1	1	1	8/10/20	8/10/20	0%	41
TR.1120	Exterior Transite Removal Col. 26-31 / H-K Groun	3	3	8/11/20	8/13/20	0%	130
TR.1130	Exterior Transite Removal Col. 26 - H-D	10	10	8/11/20	8/21/20	0%	105
TR.1140	Hydro-Mobile Install Col. 31 / Col.'s H to D	3	3	8/19/20	8/21/20	0%	123
TR.1150	Hydro-Mobile Install Col. H / Col.'s 26 to 31	3	3	8/19/20	8/21/20	0%	141
TR.1160	Exterior Transit Removal Col. 31/ Col.'s H to D	8	8	8/22/20	8/31/20	0%	123
TR.1170	Exterior Transit Removal Col. H / Col.'s 26 to 31	8	8	8/22/20	8/31/20	0%	141
TR.1180	Transite Parapet Removal Col. H / 15 to 10	3	3	10/16/20	10/19/20	0%	58
TR.1190	Hydro-Mobile Install Col. A / Col.'s 31 to 27	2	2	9/1/20	9/2/20	0%	123
TR.1200	Hydro-Mobile Install Col. 31 / Col.'s D to A	3	3	9/1/20	9/3/20	0%	141
TR.1210	Exterior Transit Removal Col. A / Col.'s 31 to 27	6	6	9/3/20	9/9/20	0%	123
TR.1220	Exterior Transit Removal Col. 31/ Col.'s D to A	6	6	9/4/20	9/10/20	0%	141
TR.1230	Transite Parapet Removal Col. H / 10 to 5	3	3	10/28/20	10/30/20	0%	95
TR.1240	Hydro-Mobile Install Col. A / Col.'s 22 to 19	2	2	9/10/20	9/11/20	0%	123
TR.1250	Hydro-Mobile Install Col. A / Col.'s 27 to 22	2	2	9/11/20	9/12/20	0%	141
TR.1260	Exterior Transit Removal Col. A / Col.'s 22 to 19	6	6	9/12/20	9/18/20	0%	123
TR.1270	Exterior Transit Removal Col. A / Col.'s 27 to 22	6	6	9/14/20	9/19/20	0%	141
TR.1280	Scaffold Install Turbine Roof (El. 89'6" to 158'3") (	10	10	9/19/20	9/30/20	0%	123
TR.1290	Transite Parapet Removal Col. H / 5 to 1	3	3	11/9/20	11/11/20	0%	88
TR.1300	Hydro-Mobile Install Col. A / Col.'s 19 to 15	1	1	9/21/20	9/21/20	0%	141
TR.1310	Exterior Transit Removal Col. A / Col.'s 19 to 15	3	3	9/22/20	9/24/20	0%	141
TR.1320	Transite Parapet Removal Col. 1 / D to H	3	3	11/12/20	11/14/20	0%	88
TR.1330	Transite Parapet Removal Col. D / 5 to 1	3	3	11/16/20	11/18/20	0%	88
TR.1340	Transite Parapet Removal Col. D / 10 to 5	3	3	11/19/20	11/21/20	0%	88
TR.1350	Exterior Transite Removal (El. 89'6" to 158'3") Col	8	8	10/1/20	10/9/20	0%	123
TR.1360	Transite Parapet Removal Col. D / 15 to 10	3	3	11/23/20	11/26/20	0%	88
Site Work		452	452	10/7/20	3/29/22		9
SW.1010	Crush Concrete from Stack & Wall Demo	60	60	3/10/21	5/18/21	0%	232
SW.1030	Install fence at switch yard	10	10	6/5/21	6/16/21	0%	239
SW.1040	Crush Balance of Concrete Post Demo	5	5	2/18/22	2/24/22	0%	0
SW.1050	Backfill Power Block	25	25	2/18/22	3/19/22	0%	0
SW.1060	Install guard rail at former bridge locations	10	10	2/12/22	2/24/22	0%	27
SW.1070	Final Grading	7	7	3/21/22	3/28/22	0%	0
SW.1080	Pavement Repair - if required	1	1	3/29/22	3/29/22	0%	9
Backfill Tunnels to Control Houses		196	196	10/7/20	5/28/21		11

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	% Comp	Total Float
SW.1000	Control Bldg. 1/2 Tunnel Backfill	2	2	10/7/20	10/8/20	0%	129
SW.1020	Control Bldg. 3 Tunnel Backfill	2	2	5/27/21	5/28/21	0%	11
Cooling Water Intake & Discharge		62	62	7/31/20	10/10/20		215
CW.1000	Utility Disconnect Unit 3 MCC - Plant Black	0	0	7/31/20*		0%	0
CW.1010	De-water	10	10	7/31/20	8/11/20	0%	32
CW.1020	Remove Universal Wastes Unit 4 and 5 Circ Wate	2	2	7/31/20	8/1/20	0%	48
CW.1030	Remove silt	3	3	8/12/20	8/14/20	0%	37
CW.1040	Install CLSM in Units 4 and 5 Discharge	8	8	8/12/20	8/20/20	0%	32
CW.1050	Demolish surface equipment Circ Water Unit 5	3	3	8/21/20	8/24/20	0%	32
CW.1060	Demolish Surface equipment Circ Water Unit 4	3	3	8/25/20	8/27/20	0%	32
CW.1070	Demo CW Deck Unit 4 Col. 23-16	3	3	8/28/20	8/31/20	0%	32
CW.1080	Backfill CW Intake/Discharge Tunnels Unit 4 Col. :	5	5	9/3/20	9/8/20	0%	32
CW.1090	Demo CW Deck Unit 3 Col. 16-10	3	3	9/9/20	9/11/20	0%	129
CW.1100	Backfill CW Intake/Discharge Tunnel Unit 3 Col. 1	5	5	9/12/20	9/17/20	0%	129
CW.1110	Demo CW Deck Unit 2 Col. 10-5	3	3	9/18/20	9/21/20	0%	129
CW.1120	Backfill CW Intake/Discharge Tunnel Unit 2 Col. 1	5	5	9/22/20	9/26/20	0%	129
CW.1130	Demo CW Deck Unit 1 Col. 5-1	3	3	9/28/20	9/30/20	0%	129
CW.1140	Backfill CW Intake/Discharge Tunnel Unit 1 Col. 5	5	5	10/1/20	10/6/20	0%	129
CW.1150	Demo CW Deck Unit 5 Col. 31-23	3	3	10/1/20	10/3/20	0%	215
CW.1160	Backfill CW Intake/Discharge Unit 5 Col. 28-23	6	6	10/5/20	10/10/20	0%	215
Project Completion		10	10	3/29/22	4/8/22		0
PC.1000	De-mobilization	10	10	3/29/22	4/8/22	0%	0



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ATTACHMENT C

AQ-SC3
AIR QUALITY CONSTRUCTION
COMPLIANCE SUMMARY
AUGUST 2020

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

Air Quality Construction Compliance Summary

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

PREPARED FOR:	Carlsbad Energy Center LLC
PREPARED BY:	George Piantka, NRG Energy, Inc.
DATE:	September 10, 2020
COMPLIANCE PERIOD:	August 2020

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

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

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

Full-scale demolition activities and additional staff remobilization occurred during the month of August 2020.

Fugitive Dust Compliance Measures

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

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

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

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

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.

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

Table 1
Diesel Equipment
AQCMP 07-AFC-06C

Date Arrived (Removal Date)	CARB ID	S/N	Equipment	Engine Data	Diesel hp	Tier	Equipment Owner (Renter)
11/11/2019	FP4A83	41935	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG200	92	4I	BISCO
11/11/2019	GC4A66	41936	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG2732	92	4I	BISCO
11/11/2019	YG9P77	41937	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG4188	92	4I	BISCO
01/07/2020	JN8S95	41951	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060110LEL02	92	4	BISCO
01/07/2020	XY9V35	41952	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060108LEL02	92	4	BISCO
01/13/2020	VN6P66	800-8457	Tennant Sweeper	Kubota, HKBLX02.4EKD, 2403-T, 2.4L, SN: 7HD0257	57	4	BISCO
02/21/2020	BT4G48	A97047	Komatsu Loader WA500-8	Komatsu, KKLXL15.2EDC SN: 834073	357	4	BISCO
07/13/2020 (*removed 08/19/2020*)	LC8F84	861805	JLG 45' Manlift	Deutz, FDZXL02.9021, D2.9L4,60.6L, SN: 11809642	49	4	Sunbelt BISCO
07/13/2020 (*removed 08/19/2020*)	YT8W48	Z80H-7122	Genie 80' Manlift	Deutz, JDZXL02.9020, TD2.9L4, 2.9L, SN: 12210702	74	4	Sunbelt BISCO
07/13/2020	UK9P58	Z62H-4439	Genie 62' Manlift	Deutz, KDZXL02.9021, D2.9L4, 2.9L, SN: 12372450	50	4	Sunbelt BISCO

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

07/13/2020	WH8P44	160045920	JLG 12K Lull	Cummins, CCECLO4.5AAE, QSB4.5, 4.5L, SN: 73403578	130	4I	Sunbelt BISCO
07/13/2020 (*removed 08/19/2020*)	JN3R37	Z4525N-58519	JLG 45' Manlift	Deutz, HDZXL02.9021, D2.9L4,60.6L, SN: 12077061	49	4	Sunbelt BISCO
07/24/2020	RP6M67	WLHZ-1488KZC049084	Liebherr 926 WLC	Liebherr, KCHA27.01SQC. D34P, SN: 2018038427	268	4	BISCO
08/19/2020	KW7Y76	0300231915	JLG 180' Manway lift	Deutz, HDZXL03.6060, TCD 3.6, L4 , SN: 1196431	99.8	4	Sunbelt BISCO
08/19/2020	WP5U33	Z80H-7235	Genie 80' Manlift	Deutz, JDZXL02.9020, TD2.9L4, 2.9L, SN: 12258372	74	4	Sunbelt BISCO
08/19/2020	LA3M33	0300263462	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12368578	74	4	Sunbelt BISCO
08/19/2020	GJ7H96	S85XCH-1749	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12359930	74	4	Sunbelt BISCO

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

Attachment A
Air Quality Control Checklists

AQCMP or designee name: Tommy Brister

Date: 08/01/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/01/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/01/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/03/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/03/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/03/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/04/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/04/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/04/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

AQCMP or designee name: Tommy Brister

Date: 08/05/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/05/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

Air Quality Construction Mitigation P' 'or the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/05/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/06/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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

Date: 08/06/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

Air Quality Construction Mitigation F .or the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/06/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/07/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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

Date: 08/07/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/07/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/08/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/08/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister AQCMP or designee signature: Tommy Brister

Date: 08/08/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/10/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/10/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/10/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/11/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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

Date: 08/11/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/11/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/12/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/12/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister AQCMP or designee signature: Tommy Brister

Date: 08/12/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/13/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/13/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/13/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 03/14/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/14/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

Air Quality Construction Mitigation F or the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/14/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation Pl r the Carlsbad Energy Center Project,

or d .iame: Tommy Brister

_U

Construction Mitigation Manager or Designee to Complete Checklist Daily

.equirements

d Affected:

Requirement:

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

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

Date: 08/15/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/15/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation Pl[illegible] the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/17/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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

Date: 08/17/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

Air Quality Construction Mitigation for the Carlsbad Energy Center Project

AQCMP or designee name: Tommy Brister AQCMP or designee signature: Tommy Brister

Date: 08/17/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation Pla r the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/18/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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

Date: 08/18/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/18/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/19/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/19/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/19/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation Pla r the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/20/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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

Date: 08/20/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

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

Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/20/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/21/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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

Date: 08/21/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/21/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation Pl[illegible] the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/22/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/22/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/22/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation for the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/24/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

Requirement:

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

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

Date: 08/24/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	**Date / Time Identified:**
	Mitigation Measure Implemented:	**Time Implemented / Notes**
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. [1]		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/24/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/25/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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

Date: 08/25/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/25/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigatio n for the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/26/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

Requirement:

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

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

Date: 08/26/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/26/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigatio n for the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/27/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Date: 08/27/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/27/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigatio n for the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/28/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

Requirement:

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

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

Date: 08/28/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister AQCMP or designee signature: Tommy Brister

Date: 08/28/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 08/29/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

Requirement:

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

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

Date: 08/29/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source:	**NO Truck / Dirt traffic at current time**	
Date / Time Identified:		

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

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/29/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Air Quality Construction Mitigation [illegible] for the Carlsbad Energy Center Project,

AQCMP or designee name: Tommy Brister

Date: 08/31/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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

Date: 08/31/2020

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source: | **NO Truck / Dirt traffic at current time** | **Date / Time Identified:**

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

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

Area Affected / Source:	**No truck or Dirt traffic**	**Date / Time Identified:**
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.	**Mitigation Measure Implemented:**	**Time Implemented / Notes**
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. [2]		

AQCMP or designee name: Tommy Brister _AQCMP or designee signature: Tommy Brister

Date: 08/31/2020

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

Cabrillo Power I LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008

Attachment B
Diesel Engine Tier and Maintenance Documentation

Brandenburg®

September 1st, 2020 Project Code: MA0842

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

Attn: Tim Sisk
Environmental Manager

Subject: Maintenance and Inspection of Equipment

Dear Mr. Sisk:

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

Please let me know if any further information is required.

Best regards,

Liam J Campbell

Liam Campbell
Brandenburg Industrial Services Co.

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

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

Job Name: NRG Encina PowerStation

Job #: MA0842

Month Ending: August 2020

Equipment Number	Tier 4 Inspection	Description	Equipment Move on	Equipment Move Off	EIN #
41935	Green; #2; 11/21/2019	Bobcat S770	11/11/2019		FP4A83
41936	Green; #3; 11/21/2019	Bobcat S770	11/11/2019		GC4A66
41937	Green; #4; 11/21/2019	Bobcat S770	11/11/2019		YG9P77
673141 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
10206385 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
37037	N/A	Air Compressor	12/12/2019		N/A
41951	Green; #6; 1/07/2020	Bobcat S770	1/7/2020		JN8S96
41952	Green; #7; 1/07/2020	Bobcat S770	1/7/2020		XY9V35
30426	Green; #8; 1/14/2020	Tennant Sweeper	1/13/2020		VN6P66
436081	N/A	45’ Eletric Man Lift	1/16/2020		N/A
10202100	N/A	20’ Single Manlift	08/19/2020		N/A
10058367 (Rental)	Green; #16; 7/14/2020	80’ Man lift	7/13/2020	08/19/2020	YT8W48
10206593 (Rental)	Green; #17; 7/16/2020	60’ Man lift	7/13/2020		UK9P58
10265035 (Rental)	N/A	24’ Push Man lift	1/20/2020		N/A
AP5873 (Rental)	N/A	56 KW Diesel Generator	1/28/2020		1728987 (PERP)
3356-12 (Rental)	Green; #18 /15/2020	12k Lull	7/13/2020		WH8P44
25225	Green; #13; 02/24/2020	Komatsu WA500	2/21/2020		BT4G48

		Loader			
41956	Green; #14; 03/16/2020	Bobcat S770	3/16/2020	7/15/2020	N/A
04075	N/A	Generator	3/16/2020		N/A
00981	Green; #14 3/16/2020	Generator	3/16/2020		N/A
10263	Green; #20 7/28/2020	Liebherr 926 Track Excavator	7/27/2020		RP6M67
P1032915 (Rental)	N/A	Water Truck	7/29/2020		N/A
10185986	Green; #23 08/19/2020	80’ Manlift	8/19/2020		
10131906	Green; #22 08/19/2020	80’ Manlift	8/19/2020		
10191443	Green; #24 08/20/2020	80’ Manlift	8/19/2020		
1018483	Green; #21 08/14/2020	180’ Manlift	8/14/2020		KW7Y76
1406075	N/A	320 KW Diesel Generator	8/14/2020	8/31/2020	166335
79660	N/A	320 KW Diesel Generator	8/31/2020		PP6408
861805	Green; #15 7/14/2020	45’ Man Lift	7/13/2020	8/19/2020	LC8F84
1043887	Green; #19 7/14/2020	45’ Man Lift	7/13/2020	8/19/2020	JN3R73

ATTACHMENT D

BIO-6
PHASE IV BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
AUGUST 2020

Cabrillo Power I LLC

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

August 2020 Reporting Period

September 2020

TABLE OF CONTENTS

1.0 INTRODUCTION

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, 2020, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0 BIOLOGICAL MONITORING SUMMARY

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

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

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

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

2.1 NESTING BIRDS

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

2.3 SPECIAL-STATUS SPECIES

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

(*Ardea herodias*; CDF S). California Natural Diversity Database (CNDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDB data submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are not added (CDFW, 2016)[1].

2.4 WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES

2.4.1 Migratory Bird Treaty Act Protected Species

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

2.4.2 Other Species

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

2.5 HAZARDOUS MATERIAL SPILLS

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

2.6 TRASH

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

2.8 NON-COMPLIANCE REPORT

No non-compliance notifications or incident reports were issued.

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

Appendix A
Biological Resources Compliance Monitoring Logs

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 14, 2020	Melissa Fowler	07:40-11:10

Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
73	49	0	N	Good (10.0 mi)	0% cloud cover

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- No observations were noted.

Special-Status Species Observed:

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

Other Biological Resources Observations:

- An American peregrine falcon was observed calling from the roof. No nesting behaviors were observed.
- No additional observations were noted.

Other Observations/Comments:

- No additional observations were noted.

Items Requiring Action/Follow-up

- None.

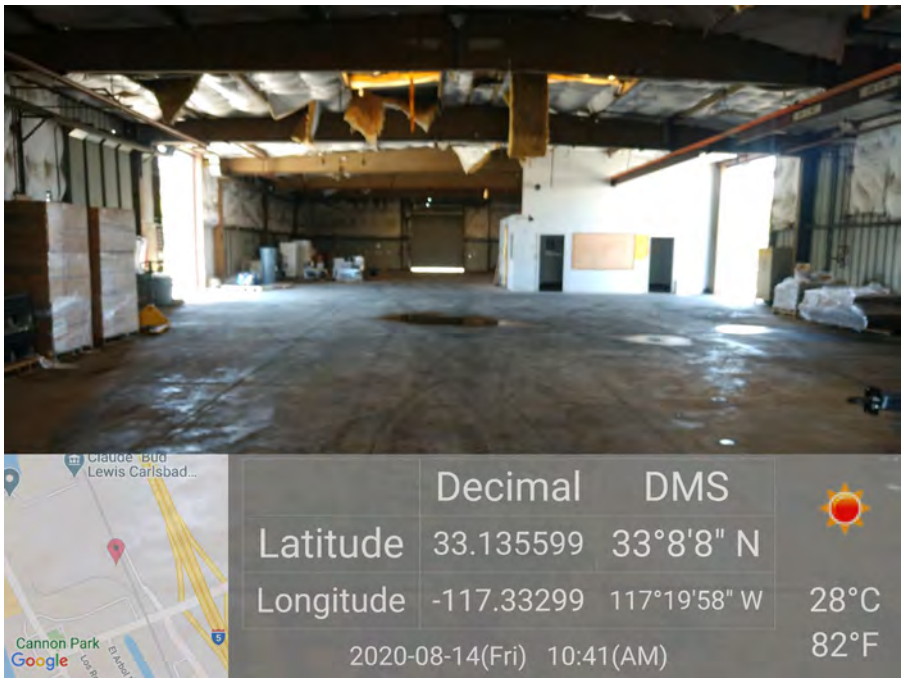
Wildlife Species Observed

American bushtit (*Psaltriparus minimus*), American crow (*Corvus brachyrhynchos*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), California brown pelican, common yellowthroat (*Geothlypis trichas*), desert cottontail (*Sylvilagus audubonii*), double-crested cormorant, European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house wren (*Troglodytes aedon*), lesser goldfinch (*Spinus psaltria*), mourning dove (*Zenaida macroura*), song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), and western kingbird (*Tyrannus verticalis*).

Photo 1			
			
Location	EPS site	**Description**	Overview of the northern staging area, facing west.

Photo 2			
			
Location	EPS site	**Description**	Overview of demolition activities within the EPS building.

Photo 3			
			
Location	EPS site	**Description**	Overview of demolition activities within the EPS building.

Photo 4			
			
Location	EPS site	**Description**	Overview of the southeastern warehouse, facing south.

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
August 28, 2020	Melissa Fowler	08:40-12:50

Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
70	84	4	N	Moderate (5.0 mi)	0% cloud cover

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- No observations were noted.

Special-Status Species Observed:

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

Other Biological Resources Observations:

- No additional observations were noted.

Other Observations/Comments:

- No additional observations were noted.

Items Requiring Action/Follow-up

- None.

Wildlife Species Observed

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

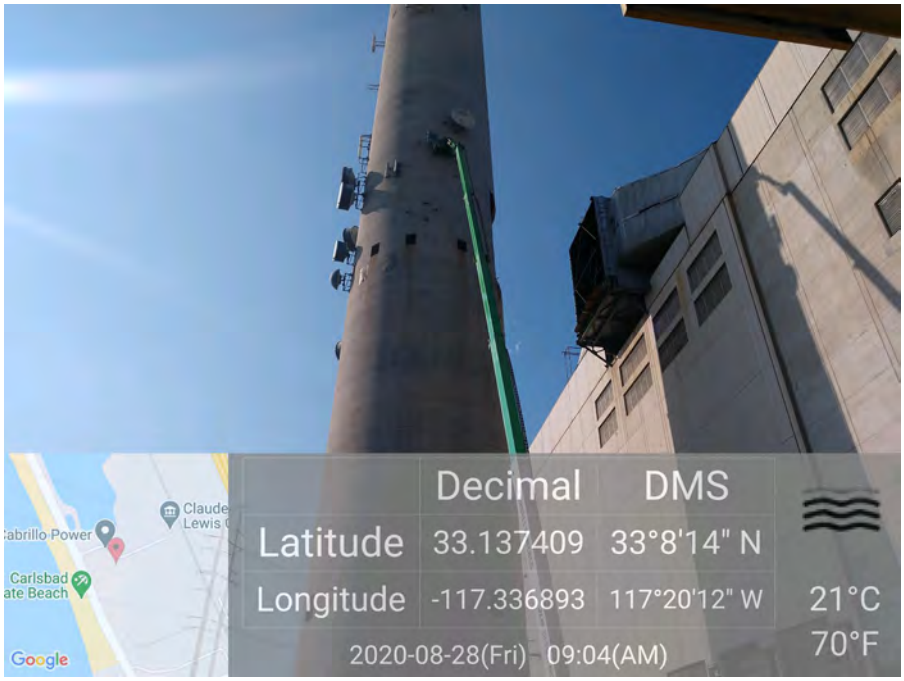
Photo 1			
			
Location	EPS site	**Description**	Overview of demolition activities within the EPS.

Photo 2			
			
Location	EPS site	**Description**	Overview of demolition activities on the EPS roof.

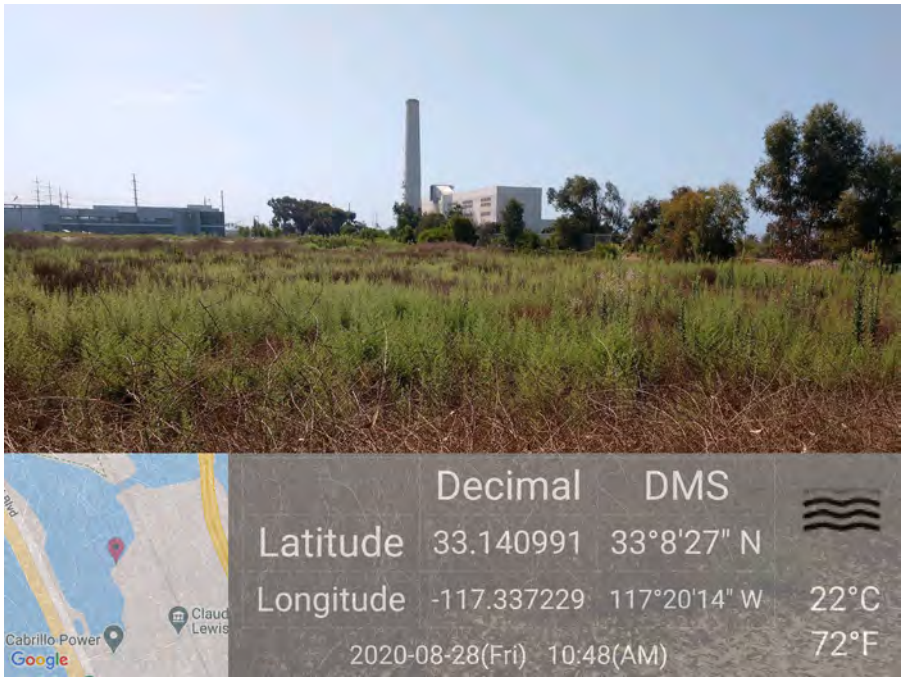
Photo 3			
			
Location	EPS site	**Description**	Overview of the northern staging area, facing south.

Photo 4			
			
Location	EPS site	**Description**	Overview of the chute staging area, facing north.

Appendix B
Observed Wildlife Species List

Observed Wildlife Species List August 2020
Encina Power Station

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

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

Status Codes:
If status codes are not provided, it indicates that the observed species is not a special-status species.
Federal:
FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range
FT = Federally listed Threatened: species likely to become endangered within the foreseeable future
BCC = Birds of Conservation Concern
State:
SE = State listed as Endangered
ST = State listed as Threatened
FP = Fully Protected
CSC = California Species of Special Concern Species of concern to California Department of Fish and Wildlife (CDFW) because of declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

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

ATTACHMENT E

CUL-5 AND PAL-5
CERTIFICATION OF COMPLETION,
WORKER ENVIORNMENTAL AWARENESS PROGRAM,
AUGUST 2020

No WEAP training required in August 2020

ATTACHMENT F

CUL-6/PAL-6
PALEONTOLOGICAL RESOURCE MONITORING
AUGUST2020

No monitoring required in August 2020

ATTACHMENT G

COMPLIANCE-6
SUMMARY TABLE OF NOISE HOTLINE CALLS
AUGUST2020

No Noise Hotline calls in August 2020

ATTACHMENT H

TRANS-5
ROADWAY INSPECTION
AUGUST2020

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

ATTACHMENT I

TRANS-6
TRANSPORTATION PERMITS
AUGUST2020

No transportation permits were obtained in August 2020

ATTACHMENT J
TRANS-8
TRAFFIC ENCROACHMENT PERMITS
AUGUST2020

No traffic encroachment permits were obtained in August 2020

ATTACHMENT K

SOIL&WATER-2
CONSTRUCTION WATER USAGE SUMMARY

SOIL&WATER-9
WASTEWATER SUMMARY

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

Water use Summary, August 2020.

Phase IV Demolition (Started November 2019)
Potable Water Used*: 16,900 gallons
Reclaim Water Used**: 0 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: 7,205,040 gallons
Reclaim Water Used: 13,145,265 gallons

*Potable use includes sanitary, hydrotesting, landscape irrigation, and other plant operations, including Phase III Decommissioning 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 2020.

ATTACHMENT L

GEN-2 and TSE-1
MASTER DRAWING LIST UPDATE
AUGUST 2020

No master drawing list exists for demolition in August 2020

ATTACHMENT M

GEN-3
PROOF OF PAYMENT TO DCBO

AUGUST 2020

No DCBO invoices were received in August 2020

ATTACHMENT N

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

AUGUST 2020

No DCBO approvals or inspections were conducted for demolition in August 2020

LIST OF DCBO PLAN APPROVALS AND INSPECTIONS AUGUST 2020

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

CBO Package No.	Date Submitted	Description	COC

CBO MECHANICAL INSPECTIONS
AUGUST2020

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

WORKER SAFETY-3
CONSTRUCTION SAFETY SUPERVISOR
MONTHLY SAFETY REPORT
AUGUST 2020

MONTHLY SAFETY REPORT

August 31, 2020

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

During the month of August a total of 14 employees completed site training for the Encina Power Station demolition project. Trained personnel consists of employees from Brandenburg and Morrow Meadows

Brandenburg had 26 working days in the month of . On each of these days, a major Tool Box Talk was conducted with all site personnel in the morning. Brandenburg also completed additional Tool Box Talks that covered task specific TSAs after the primary tool box talk.

Brandenburg completed a monthly safety topic training for all employees covering the site specific emergency preparedness procedure.

Brandenburg completed two Stand Down Trainings focusing on Brandenburg's emergency response procedure and confined space training.

Brandenburg management completed 36 documented safety related inspections.

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

There have been no incidents.

Benjamin Gallina - BISCO Project Safety Manager

ATTACHMENT P

WORKER SAFETY-4
CBO SAFETY MONITOR INSPECTION
MONTHLY SAFETY REPORT
AUGUST 2020

No DCBO safety inspections were conducted for demolition in August 2020

ATTACHMENT Q

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

No non-conformance reports for demolition in August 2020