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Project Title:	Carlsbad Energy Center - Compliance
TN #:	236751
Document Title:	Monthly Compliance Report For January 2021
Description:	Monthly Compliance Report- January 2021_ Encina Power Station Demolition.
Filer:	Anwar Ali
Organization:	Carlsbad Energy Center LLC
Submitter Role:	Commission Staff
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Cabrillo Power I, LLC
4600 Carlsbad Boulevard
Carlsbad, CA 92008
Phone: 760-930-1505
Fax: 760-268-4000

February 11, 2021

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

RE: AMENDED CARLSBAD ENERGY CENTER PROJECT, DOCKET NO. 07-AFC-06C, DEMOLITION OF ENCINA POWER STATION CONDITION OF CERTIFICATION, COM-6 JANUARY 2021, MONTHLY COMPLIANCE REPORT

Dear Dr. Ali:

Cabrillo Power I, LLC ("Project Owner") submits the January 2021 Monthly Compliance Report (MCR) in compliance with the AFC Docket No. 07-AFC-06C, Conditions of Certification (COCs) COM-6 for the Amended Carlsbad Energy Center Project (ACECP) located at 4600 Carlsbad Boulevard, Carlsbad, California.

Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

During the month of January 2021, demolition activities included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior. Completion of demolition activities is targeted for April 2022 per the revised project schedule.

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

Sincerely,

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

Attached: Amended Carlsbad Energy Center Project (07-AFC-06C), California Energy Commission, Monthly Compliance Report, January 2021
cc: File

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

California Energy Commission Monthly Compliance Report COM-6

January 2021

Submitted by: Cabrillo Power I LLC
Date Submitted: 02-11-2021

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 December 2019. The Project Owner completed all compliance activities and COC submittals necessary to achieve Phase IV, Start of Demolition, in December 2019. Demolition preparation was conducted December 2019 through January 2020; abatement and demolition began on January 29, 2020.

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

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

Full-scale demolition activities during January 2021 included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior.

Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

b. **Revised/Updated Schedule**

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

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

Neither significant permitting activities pertaining to Phase IV nor changes to schedule have occurred since the CEC's approval of ACECP in 2015. The City of Carlsbad approved a 9-month extension to Phase IV via a City Resolution in December 2019. While we anticipate completing Phase IV by second quarter of 2022, the extension allows completion by third quarter of 2022.

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

II. List of documents submitted to meet specific conditions

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

m. WASTE-5: Demolition Waste Management Plan
n. WORKER SAFETY-1: Demolition Safety and Health Program
o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
p. WORKER SAFETY-4: CBO Safety Monitor monthly report
q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5th Revision Notice)

III. Updated Compliance Matrices

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

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

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

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

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

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

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

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

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

None

VI. Cumulative list of approved changes to conditions of certification

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

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

None

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

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

a. AQ-SC1: Air Quality Construction Mitigation Manager (AQCMM) will implement the monitoring and reporting requirements of AQ-SC2, AQ-SC3, AQ-SC4, and AQ-SC5.
b. BIO-5: Worker Environmental Awareness Plan training (*if required*)
c. BIO-6: Monitoring and reporting as required per the BRMIMP.
d. COM-6: Submit Monthly Compliance Reports.
e. SOIL&WATER-2: Water usage summary.
f. TRANS-5: Inspection reports on roadway conditions. (*if required*)
g. TRANS-6: Provide summary of overweight or oversized vehicle permits as needed. (*if required*)
h. TRANS-8: Provide a summary of encroachment permits obtained or utilized during the reporting month. (*if required*)
i. WASTE-1: Submit correspondence with San Diego County Department of Environmental Health as needed.
j. WORKER SAFETY-5: As needed worker training on Automated. External Defibrillator (AED) locations.
k. COM-11: Complaints requiring notifications and reporting will be submitted to CPM
l. COM-13: Incidents requiring notifications and reporting will be submitted to CPM

IX. Additions to on-site compliance file

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

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

No violations, official warnings, or citations related to the demolition of the Encina Power Station were received in January 2021. A summary table of calls and complaints logged and responded to are included, as applicable, in **Attachment G**.

ATTACHMENT A

COMPLIANCE-5 AND COMPLIANCE-6
KEY EVENTS AND COMPLIANCE MATRIX
JANUARY 2021

CEC CONDITIONS OF CERTIFICATION

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

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.			

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 monthly			
SOIL&WATER	**6**	b	Reporting	Y				
SOIL&WATER	**9**	**a**	**Permit Reporting**	**Y**	**Prior to transport and disposal of any facility construction or demolition-related wastewaters offsite, the project owner shall test and classify the stored wastewater to determine proper management and disposal requirements. The project owner shall provide evidence that wastewater is disposed of at an appropriately licensed facility. The project owner shall ensure that the wastewater is transported and disposed of in accordance with the wastewater's characteristics and classification and all applicable LORS (including any CCR Title 22 Hazardous Waste and Title 23 Waste Discharges to Land requirements).** **Where discharge of wastewater must comply with the San Diego Regional Water Quality Control Board (SDRWQCB) and State Water Resources Control Board regulatory requirements, the project owner shall submit a Report of Waste Discharge (ROWD) to the compliance project manager (CPM) and SDRWQCB for determination of which regulatory waiver or permit applies to the proposed discharges. The project owner shall pay all necessary fees for filing and review of the ROWD and all other related fees. Checks for such fees shall be submitted to the SDRWQCB and shall be payable to the State Water Resources Control Board. The project owner shall ensure compliance with the provisions of the waiver or permit applicable to the discharge.** **Where the regulatory requirements are not applied pursuant to a National Pollutant Discharge Elimination System permit, it is the Commission's intent that the requirements of the applicable waiver or permit be enforceable by both the Commission and the SDRWQCB. In furtherance of that objective, the Commission hereby delegates the enforcement of the waiver or permit requirements, and associated monitoring, inspection, and annual fee collection authority, to the SDRWQCB. The CPM and SDRWQCB shall confer with each other and coordinate, as needed, in the enforcement of the requirements.**	**ROWD not needed as existing permits (Encina industrial NPDES permit and Construction General NPDES Permit for stormwater discharges) will be used to confirm compliance with COC. NRG submitted email to CEC from 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.**	**A temporary Traffic Control Plan (TCP) was approved by the City of Carlsbad Traffic Control Department and the CEC to allow for the City of Carlsbad's Jack-and-bore project. Due to the left turn from Gate 3 being obstructed, the temporary TCP allows for a right turn while egressing from Gate 3, and requires all truck traffic to turn left on Carlsbad Boulevard to gain acces to Interstate 5 on Palomar Airport Road. All other craft traffic can take either a left or right on Carlsbad Boulevard**	**10/29/2019, Modified Plan sent 11/14/19; Temporary Traffic Control Plan approved on 11/9/2020**	**12/12/2019**
TRANS	**5**	**a**	**Reporting**	**Y**	**During and following completion of project construction and demolition, the project owner shall repair any damage to roadways affected by construction/demolition activity to pre-project road conditions or better. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of demolition and construction, the project owner shall photograph or videotape, all roadways that will be affected by pipeline construction and heavy truck traffic. The project owner shall provide the CPM and the city of Carlsbad with a copy of the images for the roadway segments under its jurisdiction. Also, prior to start of demolition and construction, the project owner shall notify the city about the schedule for project demolition/construction. The purpose of this notification is to allow the city the opportunity to postpone any planned roadway resurfacing and/or improvement projects until after the project demolition/construction has taken place and to coordinate demolition/construction-related activities associated with other projects.**		**9/16/2019**	**9/30/2019**
TRANS	**7**		**Plan**	**Y**	**During project construction/demolition, the project owner shall implement a parking and staging plan for project construction and demolition to enforce a policy that all project-related parking occurs on site or in designated off-site parking areas.**		**10/16/2019**	**10/22/2019**
WASTE	**5**	**a**	**Plan**		**The project owner shall prepare a Demolition and Construction Waste Management Plan for all wastes generated during demolition and construction of the facility and shall submit the plan to the CPM for review and approval. The plan may be submitted in two sections: Demolition activities and Construction activities. Both sections of the plan shall contain, at a minimum, the following: • 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.			
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**

CEC CONDITIONS OF CERTIFICATION

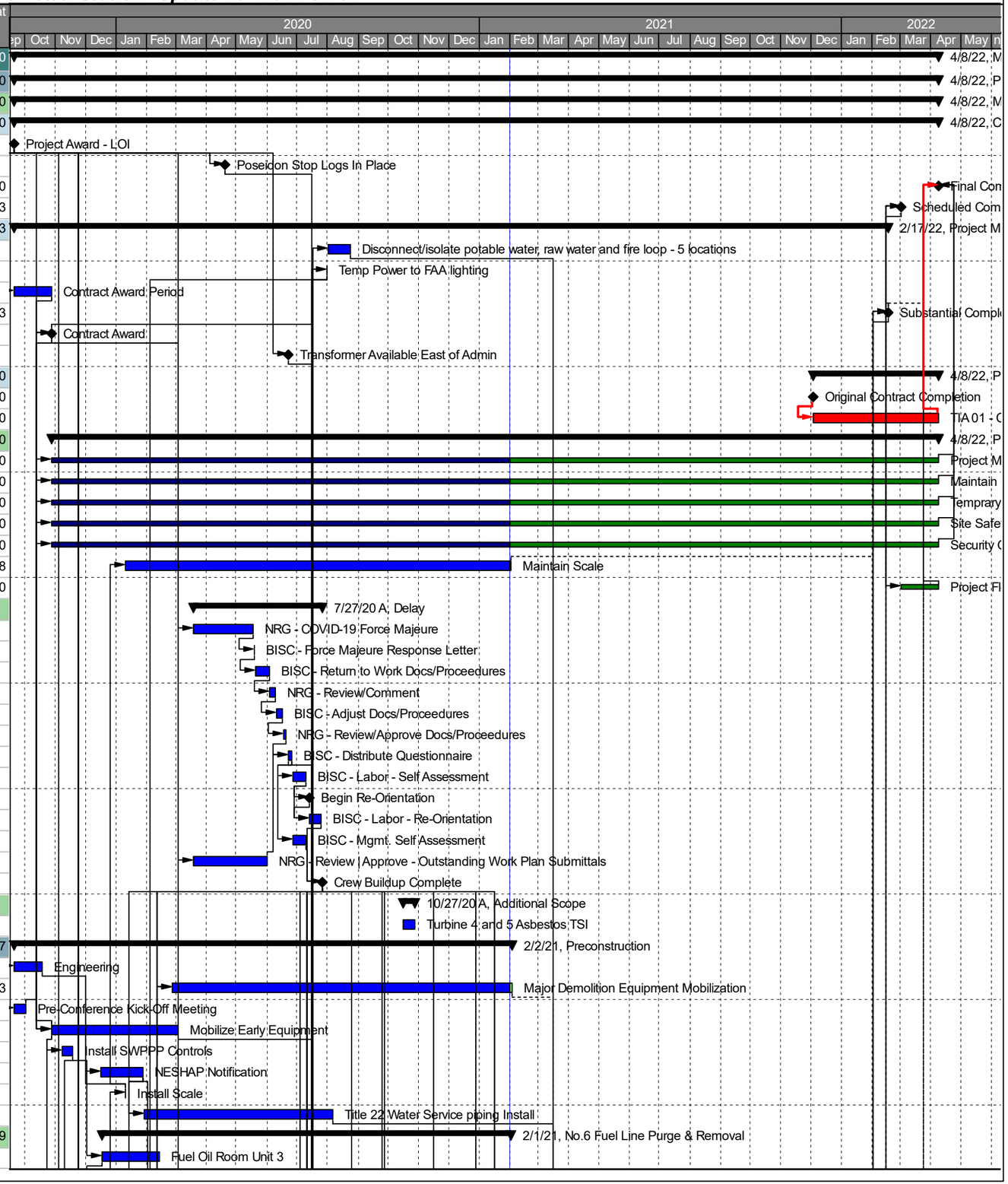
WORKER SAFETY	5		Training	Y	The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during tank demolition, construction and operations and demolition/removal of the EPS and shall implement a program to ensure that workers are properly trained in its use 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

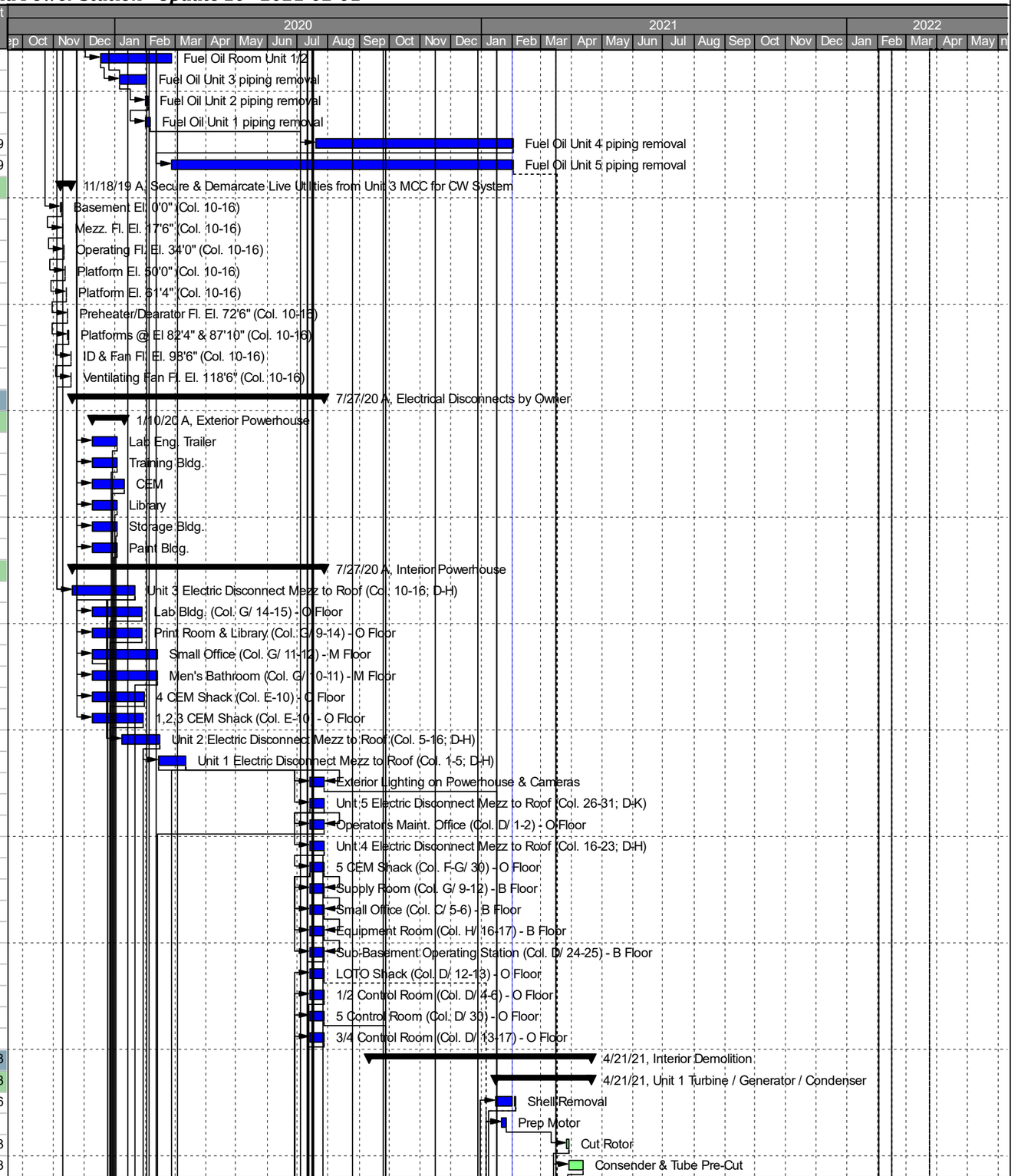
ATTACHMENT B

COMPLIANCE-6
PROJECT SCHEDULE
JANUARY 2021

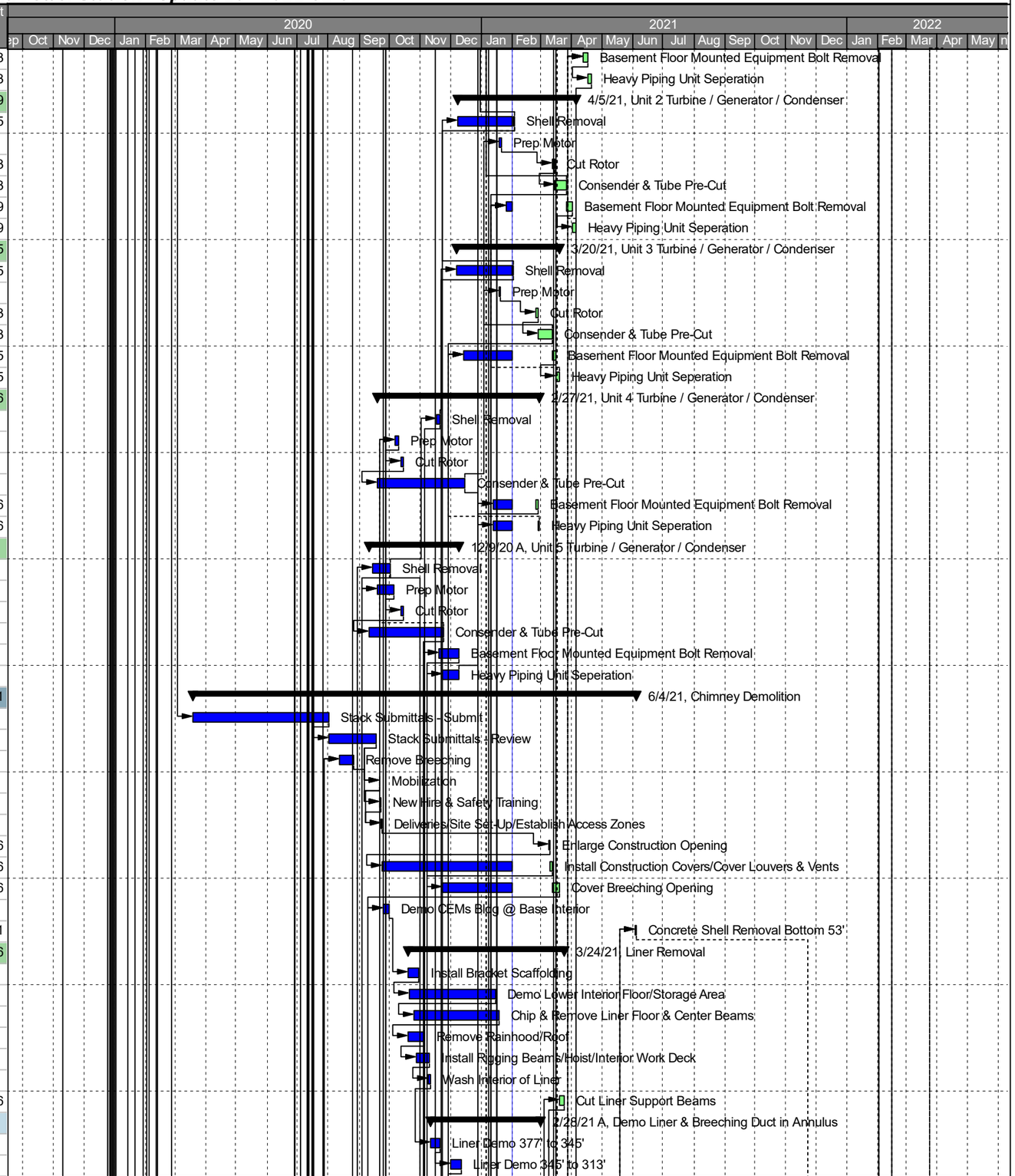
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
MA0842 NRG Encina Power Station - Update 10 - 2021-02-01		772	9/20/19 A	3/10/21	4/8/22	4/8/22	0
Project Overview		772	9/20/19 A	3/10/21	4/8/22	4/8/22	0
Major Milestones		772	9/20/19 A	3/10/21	4/8/22	4/8/22	0
Contract Milestones		772	9/20/19 A	3/10/21	4/8/22	4/8/22	0
CM1000	Project Award - LOI	0	9/20/19 A	3/10/21			
CM1010	Poseidon Stop Logs In Place	0	4/20/20 A	3/10/21			
CM1020	Final Completion	0			4/8/22	4/8/22	0
CM1030	Scheduled Completion	0			3/2/22	4/8/22	33
Project Milestones		729	9/20/19 A	3/10/21	2/17/22	3/28/22	33
PM1000	Disconnect/isolate potable water, raw water and fire loop - 5 locations	5	8/1/20 A	1/12/22	8/24/20 A	1/12/22	
PM1010	Temp Power to FAA lighting	1	7/31/20 A	3/10/21	7/31/20 A	3/10/21	
PM1020	Contract Award Period	32	9/20/19 A	3/10/21	10/27/19	3/10/21	
PM1030	Substantial Completion	0			2/17/22	3/28/22	33
PM1040	Contract Award	0	10/28/19	3/10/21			
PM1050	Transformer Available East of Admin	0			6/22/20 A	3/10/21	
Project Extensions		99	12/3/21	12/2/21	4/8/22	4/8/22	0
PE1000	Original Contract Completion	0			12/3/21*	12/2/21	0
PE1010	TIA 01 - COVID-19 Force Majeure	99	12/3/21	12/3/21	4/8/22	4/8/22	0
Project Durations		740	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1000	Project Management	649	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1010	Maintain Office and Break Bldg-Provided by NRG	649	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1020	Temprary Facilities	649	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1030	Site Safety Management	649	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1040	Security Gate 3	649	10/28/19	3/10/21	4/8/22	4/8/22	0
PD1050	Maintain Scale	1	1/10/20 A	3/28/22	2/1/21	3/28/22	348
PD1060	Project Float	33	3/2/22	4/8/22	4/8/22	4/8/22	0
Delay		111	3/19/20 A	3/10/21	7/27/20 A	3/10/21	
TIA1.1000	NRG - COVID-19 Force Majeure	52	3/19/20 A	3/10/21	5/18/20 A	3/10/21	
TIA1.1010	BISC - Force Majeure Response Letter	1	5/19/20 A	3/10/21	5/19/20 A	3/10/21	
TIA1.1020	BISC - Return to Work Docs/Proceedures	13	5/20/20 A	3/10/21	6/3/20 A	3/10/21	
TIA1.1030	NRG - Review/Comment	5	6/4/20 A	3/10/21	6/9/20 A	3/10/21	
TIA1.1040	BISC - Adjust Docs/Proceedures	6	6/10/20 A	3/10/21	6/16/20 A	3/10/21	
TIA1.1050	NRG - Review/Approve Docs/Proceedures	3	6/17/20 A	3/10/21	6/19/20 A	3/10/21	
TIA1.1060	BISC - Distribute Questionnaire	5	6/22/20 A	3/10/21	6/26/20 A	3/10/21	
TIA1.1080	BISC - Labor - Self Assessment	14	6/27/20 A	3/10/21	7/10/20 A	3/10/21	
TIA1.1085	Begin Re-Orientation	0	7/13/20 A	3/10/21			
TIA1.1090	BISC - Labor - Re-Orientation	12	7/13/20 A	3/10/21	7/25/20 A	3/10/21	
TIA1.1100	BISC - Mgmt. Self Assessment	14	6/27/20 A	3/10/21	7/10/20 A	3/10/21	
TIA1.1110	NRG - Review | Approve - Outstanding Work Plan Submittals	64	3/19/20 A	3/10/21	6/1/20 A	3/10/21	
TIA1.1120	Crew Buildup Complete	0	7/27/20 A	3/10/21			
Additional Scope		1	10/16/20	4/8/22	10/27/20	4/8/22	
x1000	Turbine 4 and 5 Asbestos TSI	1	10/16/20	4/8/22	10/27/20	4/8/22	
Preconstruction		234	9/20/19 A	3/10/21	2/2/21	1/15/22	287
PC1010	Engineering	25	9/20/19 A	3/13/21	10/18/19	3/13/21	
PC1020	Major Demolition Equipment Mobilization	55	2/26/20 A	1/10/22	2/2/21	1/11/22	283
PC1030	Pre-Conference Kick-Off Meeting	10	9/20/19 A	3/10/21	10/1/19 A	3/10/21	
PC1040	Mobilize Early Equipment	9	10/28/19	3/10/21	3/3/20 A	3/10/21	
PC1050	Install SWPPP Controls	10	11/7/19 A	3/13/21	11/18/19	3/13/21	
PC1060	NESHAP Notification	22	12/17/19	3/13/21	1/28/20 A	3/13/21	
PC1070	Install Scale	1	1/10/20 A	3/13/21	1/10/20 A	3/13/21	
PC1080	Title 22 Water Service piping Install	10	1/29/20 A	1/12/22	8/6/20 A	1/12/22	
No.6 Fuel Line Purge & Removal		106	12/18/19	3/13/21	2/1/21	1/15/22	289
PC.FL.1000	Fuel Oil Room Unit 3	20	12/18/19	3/13/21	2/13/20 A	3/13/21	



Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
PC.FL.1010	Fuel Oil Room Unit 1/2	10	12/18/19	3/13/21	2/26/20 A	3/13/21	
PC.FL.1020	Fuel Oil Unit 3 piping removal	9	1/6/20 A	3/13/21	2/1/20 A	3/13/21	
PC.FL.1030	Fuel Oil Unit 2 piping removal	10	1/31/20 A	1/15/22	2/3/20 A	1/15/22	
PC.FL.1040	Fuel Oil Unit 1 piping removal	7	2/1/20 A	1/15/22	2/5/20 A	1/15/22	
PC.FL.1050	Fuel Oil Unit 4 piping removal	5	7/20/20 A	1/15/22	2/1/21	1/15/22	289
PC.FL.1060	Fuel Oil Unit 5 piping removal	5	2/27/20 A	1/15/22	2/1/21	1/15/22	289
Secure & Demarcate Live Utilities from Unit 3 MCC for CW System		10	11/7/19 A	3/30/21	11/18/19	3/30/21	
PC.LU.1000	Basement El. 0'0" (Col. 10-16)	2	11/7/19 A	3/30/21	11/8/19 A	3/30/21	
PC.LU.1010	Mezz. Fl. El. 17'6" (Col. 10-16)	1	11/10/19	3/30/21	11/10/19	3/30/21	
PC.LU.1020	Operating Fl. El. 34'0" (Col. 10-16)	1	11/11/19	3/30/21	11/11/19	3/30/21	
PC.LU.1030	Platform El. 50'0" (Col. 10-16)	1	11/12/19	3/30/21	11/12/19	3/30/21	
PC.LU.1040	Platform El. 61'4" (Col. 10-16)	1	11/13/19	3/30/21	11/13/19	3/30/21	
PC.LU.1050	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	11/14/19	3/30/21	11/14/19	3/30/21	
PC.LU.1060	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	11/15/19	3/30/21	11/15/19	3/30/21	
PC.LU.1070	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	11/18/19	3/30/21	11/18/19	3/30/21	
PC.LU.1080	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	11/18/19	3/30/21	11/18/19	3/30/21	
Electrical Disconnects by Owner		264	11/19/19	3/30/21	7/27/20 A	6/14/21	
Exterior Powerhouse		90	12/9/19 A	4/16/21	1/10/20 A	4/16/21	
ED.EP.1000	Lab Eng. Trailer	90	12/9/19 A	4/16/21	1/3/20 A	4/16/21	
ED.EP.1010	Training Bldg.	90	12/9/19 A	4/16/21	1/3/20 A	4/16/21	
ED.EP.1020	CEM	90	12/9/19 A	4/16/21	1/10/20 A	4/16/21	
ED.EP.1030	Library	90	12/9/19 A	4/16/21	1/3/20 A	4/16/21	
ED.EP.1040	Storage Bldg.	90	12/9/19 A	4/16/21	1/3/20 A	4/16/21	
ED.EP.1050	Paint Bldg.	90	12/9/19 A	4/16/21	1/3/20 A	4/16/21	
Interior Powerhouse		264	11/19/19	3/30/21	7/27/20 A	6/14/21	
ED.IP.1000	Unit 3 Electric Disconnect Mezz to Roof (Col. 10-16; D-H)	39	11/19/19	3/30/21	1/21/20 A	3/30/21	
ED.IP.1010	Lab Bldg. (Col. G/ 14-15) - O Floor	0	12/9/19 A	4/16/21	1/27/20 A	4/16/21	
ED.IP.1020	Print Room & Library (Col. G/ 9-14) - O Floor	90	12/9/19 A	4/16/21	1/28/20 A	4/16/21	
ED.IP.1030	Small Office (Col. G/ 11-12) - M Floor	90	12/9/19 A	4/16/21	2/12/20 A	4/16/21	
ED.IP.1040	Men's Bathroom (Col. G/ 10-11) - M Floor	90	12/9/19 A	4/16/21	2/12/20 A	4/16/21	
ED.IP.1050	4 CEM Shack (Col. E-10) - O Floor	90	12/9/19 A	4/16/21	1/30/20 A	4/16/21	
ED.IP.1060	1,2,3 CEM Shack (Col. E-10) - O Floor	90	12/9/19 A	4/16/21	1/29/20 A	4/16/21	
ED.IP.1070	Unit 2 Electric Disconnect Mezz to Roof (Col. 5-16; D-H)	15	1/8/20 A	3/30/21	2/14/20 A	3/30/21	
ED.IP.1080	Unit 1 Electric Disconnect Mezz to Roof (Col. 1-5; D-H)	15	2/14/20 A	3/30/21	3/11/20 A	3/30/21	
ED.IP.1090	Exterior Lighting on Powerhouse & Cameras	10	7/13/20 A	3/30/21	7/27/20 A	3/30/21	
ED.IP.1100	Unit 5 Electric Disconnect Mezz to Roof (Col. 26-31; D-K)	16	7/13/20 A	4/16/21	7/27/20 A	4/16/21	
ED.IP.1110	Operator's Maint. Office (Col. D/ 1-2) - O Floor	1	7/13/20 A	4/16/21	7/27/20 A	4/16/21	
ED.IP.1120	Unit 4 Electric Disconnect Mezz to Roof (Col. 16-23; D-H)	12	7/13/20 A	4/16/21	7/27/20 A	4/16/21	
ED.IP.1130	5 CEM Shack (Col. F-G/ 30) - O Floor	12	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1140	Supply Room (Col. G/ 9-12) - B Floor	1	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1150	Small Office (Col. C/ 5-6) - B Floor	1	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1160	Equipment Room (Col. H/ 16-17) - B Floor	1	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1170	Sub-Basement Operating Station (Col. D/ 24-25) - B Floor	1	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1180	LOTO Shack (Col. D/ 12-13) - O Floor	1	7/13/20 A	5/5/21	7/27/20 A	5/5/21	
ED.IP.1190	1/2 Control Room (Col. D/ 4-6) - O Floor	1	7/13/20 A	5/20/21	7/27/20 A	5/20/21	
ED.IP.1200	5 Control Room (Col. D/ 30) - O Floor	1	7/13/20 A	6/14/21	7/27/20 A	6/14/21	
ED.IP.1210	3/4 Control Room (Col. D/ 13-17) - O Floor	1	7/13/20 A	5/4/21	7/27/20 A	5/4/21	
Interior Demolition		187	9/11/20 A	4/3/21	4/21/21	5/28/21	33
Unit 1 Turbine / Generator / Condenser		80	1/15/21 A	5/3/21	4/21/21	5/28/21	33
ID.U1.1000	Shell Removal	4	1/15/21 A	5/3/21	2/3/21	5/3/21	76
ID.U1.1010	Prep Motor	3	1/21/21 A	5/5/21	1/25/21 A	5/5/21	
ID.U1.1020	Cut Rotor	1	3/27/21	5/5/21	3/29/21	5/5/21	33
ID.U1.1030	Consender & Tube Pre-Cut	12	3/29/21	5/6/21	4/12/21	5/19/21	33

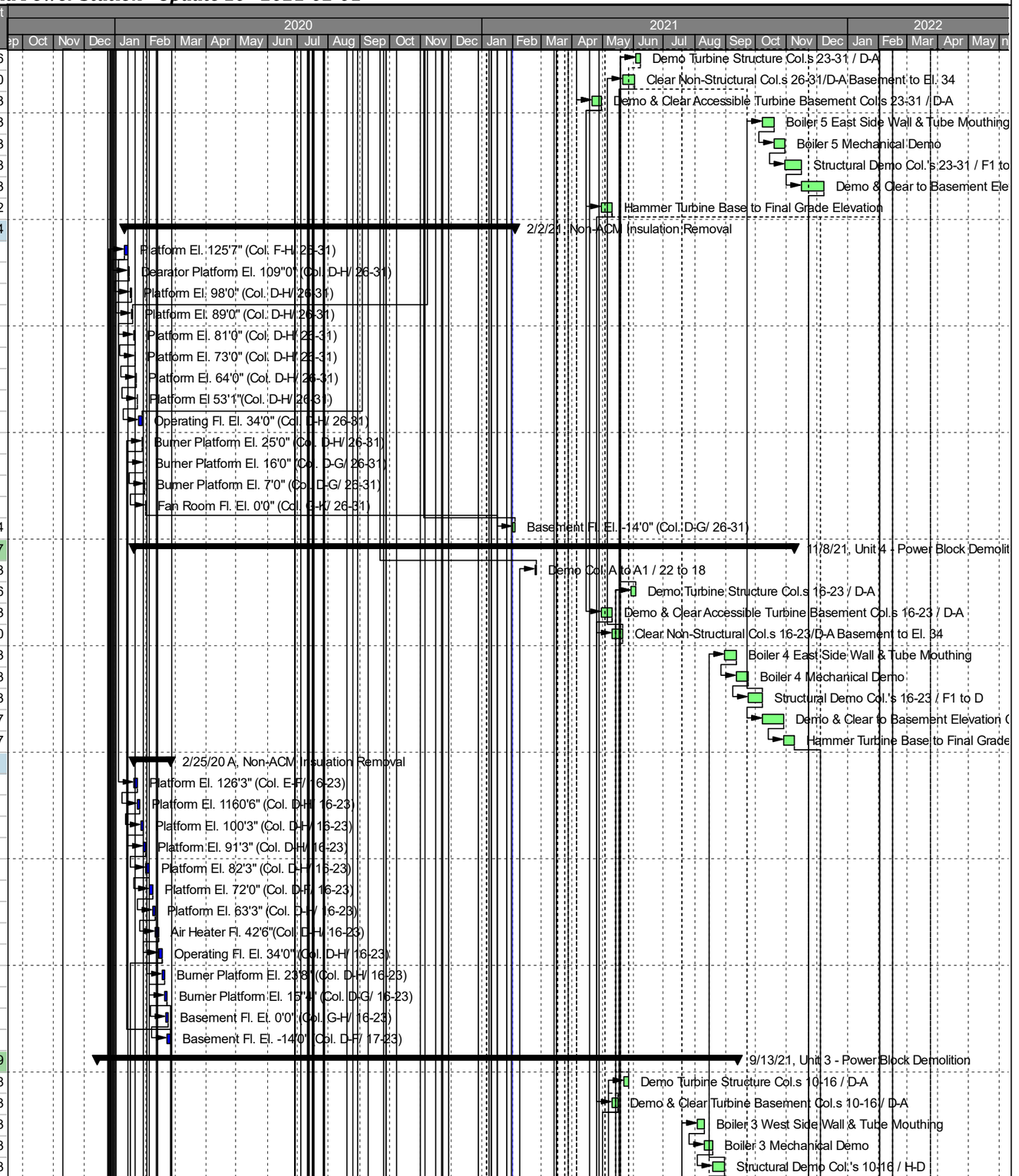


Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
ID.U1.1040	Basement Floor Mounted Equipment Bolt Removal	5	4/12/21	5/20/21	4/17/21	5/25/21	33
ID.U1.1050	Heavy Piping Unit Seperation	3	4/17/21	5/26/21	4/21/21	5/28/21	33
Unit 2 Turbine / Generator / Condenser		94	12/8/20 A	4/19/21	4/5/21	5/19/21	39
ID.U2.1000	Shell Removal	4	12/8/20 A	4/19/21	2/2/21	4/19/21	65
ID.U2.1010	Prep Motor	3	1/19/21 A	4/20/21	1/20/21 A	4/20/21	
ID.U2.1020	Cut Rotor	2	3/12/21	4/20/21	3/15/21	4/21/21	33
ID.U2.1030	Consender & Tube Pre-Cut	11	3/15/21	4/22/21	3/27/21	5/4/21	33
ID.U2.1040	Basement Floor Mounted Equipment Bolt Removal	5	1/26/21 A	5/12/21	4/1/21	5/15/21	39
ID.U2.1050	Heavy Piping Unit Seperation	3	4/1/21	5/17/21	4/5/21	5/19/21	39
Unit 3 Turbine / Generator / Condenser		84	12/7/20 A	4/3/21	3/20/21	5/11/21	45
ID.U3.1000	Shell Removal	3	12/7/20 A	4/17/21	2/1/21	4/17/21	65
ID.U3.1010	Prep Motor	2	1/18/21 A	4/3/21	1/19/21 A	4/3/21	
ID.U3.1020	Cut Rotor	2	2/24/21	4/3/21	2/26/21	4/5/21	33
ID.U3.1030	Consender & Tube Pre-Cut	12	2/26/21	4/6/21	3/12/21	4/19/21	33
ID.U3.1040	Basement Floor Mounted Equipment Bolt Removal	5	12/14/20	5/4/21	3/16/21	5/6/21	45
ID.U3.1050	Heavy Piping Unit Seperation	4	3/16/21	5/7/21	3/20/21	5/11/21	45
Unit 4 Turbine / Generator / Condenser		94	9/19/20 A	4/3/21	2/27/21	5/3/21	56
ID.U4.1000	Shell Removal	4	11/17/20	4/17/21	11/20/20	4/17/21	
ID.U4.1010	Prep Motor	3	10/7/20 A	4/3/21	10/10/20	4/3/21	
ID.U4.1020	Cut Rotor	3	10/13/20	4/3/21	10/15/20	4/3/21	
ID.U4.1030	Consender & Tube Pre-Cut	15	9/19/20 A	4/3/21	12/15/20	4/3/21	
ID.U4.1040	Basement Floor Mounted Equipment Bolt Removal	6	1/12/21 A	4/30/21	2/26/21	5/1/21	56
ID.U4.1050	Heavy Piping Unit Seperation	4	1/12/21 A	5/3/21	2/27/21	5/3/21	56
Unit 5 Turbine / Generator / Condenser		75	9/11/20 A	4/3/21	12/9/20 A	4/30/21	
ID.U5.1000	Shell Removal	4	9/14/20 A	4/3/21	10/2/20 A	4/3/21	
ID.U5.1010	Prep Motor	3	9/19/20 A	4/3/21	10/5/20 A	4/3/21	
ID.U5.1020	Cut Rotor	3	10/12/20	4/3/21	10/15/20	4/3/21	
ID.U5.1030	Consender & Tube Pre-Cut	15	9/11/20 A	4/3/21	11/24/20	4/3/21	
ID.U5.1040	Basement Floor Mounted Equipment Bolt Removal	6	11/19/20	4/30/21	12/9/20 A	4/30/21	
ID.U5.1050	Heavy Piping Unit Seperation	4	11/23/20	4/30/21	12/9/20 A	4/30/21	
Chimney Demolition		367	3/19/20 A	4/20/21	6/4/21	1/25/22	191
CD.1000	Stack Submittals - Submit	1	3/19/20 A	4/20/21	8/1/20 A	4/20/21	
CD.1005	Stack Submittals - Review	5	8/2/20 A	4/20/21	9/18/20 A	4/20/21	
CD.1010	Remove Breeching	14	8/12/20 A	4/20/21	8/26/20 A	4/20/21	
CD.1020	Mobilization	1	9/21/20 A	4/20/21	9/21/20 A	4/20/21	
CD.1030	New Hire & Safety Training	1	9/21/20 A	4/20/21	9/22/20 A	4/20/21	
CD.1040	Deliveries/Site Set-Up/Establish Access Zones	2	9/22/20 A	4/20/21	9/23/20 A	4/20/21	
CD.1050	Enlarge Construction Opening	1	3/9/21	4/20/21	3/10/21	4/21/21	36
CD.1060	Install Construction Covers/Cover Louvers & Vents	2	9/24/20 A	4/21/21	3/12/21	4/22/21	36
CD.1070	Cover Breeching Opening	6	11/23/20	4/23/21	3/19/21	4/29/21	36
CD.1080	Demo CEMs Bldg @ Base Interior	3	9/25/20 A	4/30/21	9/30/20 A	4/30/21	
CD.1090	Concrete Shell Removal Bottom 53'	1	6/3/21	1/25/22	6/4/21	1/25/22	191
Liner Removal		49	10/19/20	4/30/21	3/24/21	5/4/21	36
CD.LR.1000	Install Bracket Scaffolding	2	10/19/20	4/30/21	10/30/20	4/30/21	
CD.LR.1010	Demo Lower Interior Floor/Storage Area	5	10/21/20	4/30/21	1/14/21 A	4/30/21	
CD.LR.1020	Chip & Remove Liner Floor & Center Beams	3	10/26/20	4/30/21	1/18/21 A	4/30/21	
CD.LR.1030	Remove Rainhood/Roof	5	10/20/20	4/30/21	11/5/20 A	4/30/21	
CD.LR.1040	Install Rigging Beams/Hoist/Interior Work Deck	5	10/28/20	4/30/21	11/9/20 A	4/30/21	
CD.LR.1050	Wash Interior of Liner	2	11/9/20 A	4/30/21	11/10/20	4/30/21	
CD.LR.1170	Cut Liner Support Beams	4	3/19/21	4/30/21	3/24/21	5/4/21	36
Demo Liner & Breeching Duct in Annulus		28	11/11/20	4/30/21	2/28/21 A	4/30/21	
CD.LR.1060	Liner Demo 377' to 345'	3	11/11/20	4/30/21	11/20/20	4/30/21	
CD.LR.1070	Liner Demo 345' to 313'	3	12/1/20 A	4/30/21	12/11/20	4/30/21	

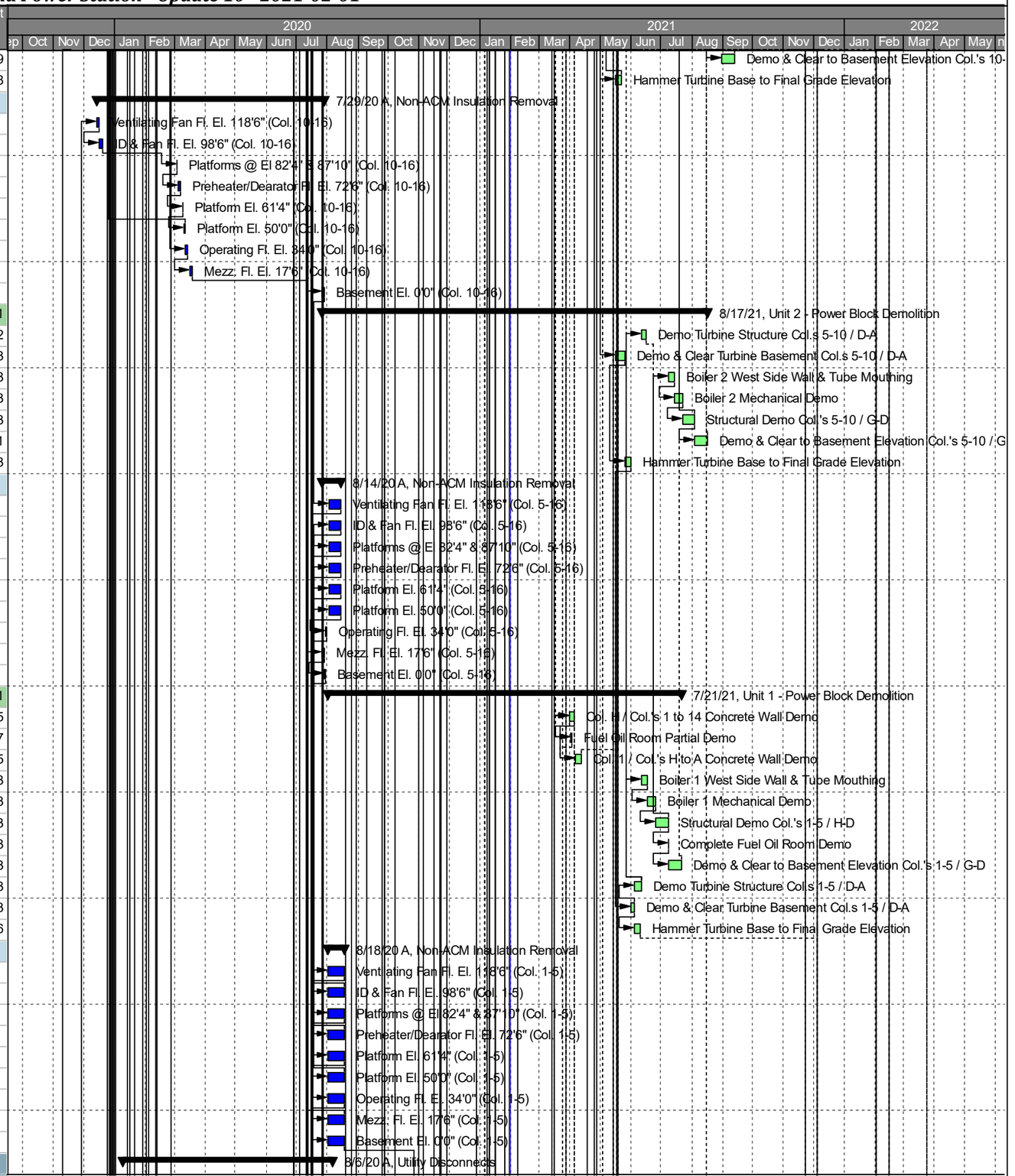


Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
CD.LR.1080	Liner Demo 313' to 281'	1	12/14/20	4/30/21	12/15/20	4/30/21	
CD.LR.1090	Liner Demo 281' to 249'	2	12/15/20	4/30/21	12/15/20	4/30/21	
CD.LR.1100	Liner Demo 249' to 217'	2	12/16/20	4/30/21	12/16/20	4/30/21	
CD.LR.1110	Liner Demo 217' to 185'	1	12/17/20	4/30/21	12/18/20	4/30/21	
CD.LR.1120	Liner Demo 185' to 153'	2	1/12/21 A	4/30/21	1/14/21 A	4/30/21	
CD.LR.1130	Liner Demo 153' to 121'	2	1/15/21 A	4/30/21	1/18/21 A	4/30/21	
CD.LR.1140	Liner Demo 121' to 89'	1	1/19/21 A	4/30/21	1/21/21 A	4/30/21	
CD.LR.1150	Liner Demo 89' to 57'	2	1/22/21 A	4/30/21	1/25/21 A	4/30/21	
CD.LR.1160	Liner Demo 57' to 48'	2	1/26/21 A	4/30/21	2/28/21 A	4/30/21	
Platform Removal		20	11/23/20	5/5/21	4/7/21	5/18/21	36
CD.PR.1000	Demo Conduit (2 runs)	2	3/24/21	5/5/21	3/26/21	5/6/21	36
CD.PR.1010	Demo Interior Platform @ 168'9" from Working Deck	3	3/26/21	5/7/21	3/30/21	5/10/21	36
CD.PR.1020	Demo Interior Trolley System @ 252'6" from Working Deck	3	3/26/21	5/7/21	3/30/21	5/10/21	36
CD.PR.1030	Demo Interior Platform @ 258'0"	3	3/30/21	5/11/21	4/2/21	5/13/21	36
CD.PR.1040	Demo Interior Trolley System @ 364'6"	3	3/30/21	5/11/21	4/2/21	5/13/21	36
CD.PR.1050	Demo Interior Platform @ 368'0"	3	1/12/21 A	5/14/21	1/14/21 A	5/14/21	
CD.PR.1060	Demo Exterior Platform @ 368'0"	1	11/23/20	5/14/21	1/19/21 A	5/14/21	
CD.PR.1070	Demo Exterior Trolley System @ 375'0"	1	1/20/21 A	5/14/21	1/20/21 A	5/14/21	
CD.PR.1080	Demo Interior Rest Platforms	2	4/2/21	5/14/21	4/5/21	5/15/21	36
CD.PR.1090	Demo Interior Ladder	2	4/5/21	5/17/21	4/7/21	5/18/21	36
Concrete Shell Removal top 377' to 50'		49	4/7/21	5/19/21	6/3/21	1/24/22	191
CD.CS.1000	Modify Bracket Scaffold for Demo	1	4/7/21	5/19/21	4/8/21	5/19/21	36
CD.CS.1010	Run Air Lines/Power Cables	1	4/8/21	5/20/21	4/9/21	5/20/21	36
CD.CS.1020	Demo Concrete 377' to 361'	3	4/9/21	5/21/21	4/13/21	5/24/21	36
CD.CS.1030	Demo Concrete 361' to 345'	1	4/13/21	5/25/21	4/14/21	5/25/21	36
CD.CS.1040	Demo Concrete 345' to 329'	2	4/14/21	5/26/21	4/16/21	5/27/21	36
CD.CS.1050	Demo Concrete 329' to 313'	2	4/16/21	5/28/21	4/19/21	5/29/21	36
CD.CS.1060	Demo Concrete 313' to 297'	1	4/19/21	5/31/21	4/20/21	5/31/21	36
CD.CS.1070	Demo Concrete 297' to 281'	2	4/20/21	6/1/21	4/22/21	6/2/21	36
CD.CS.1080	Demo Concrete 281' to 265'	2	4/22/21	6/3/21	4/24/21	6/4/21	36
CD.CS.1090	Demo Concrete 265' to 249'	1	4/24/21	6/5/21	4/26/21	6/5/21	36
CD.CS.1100	Demo Concrete 249' to 233'	2	4/26/21	6/7/21	4/28/21	6/8/21	36
CD.CS.1110	Demo Concrete 233' to 217'	2	4/28/21	6/9/21	4/30/21	6/10/21	36
CD.CS.1120	Demo Concrete 217' to 201'	1	4/30/21	6/11/21	5/1/21	6/11/21	36
CD.CS.1130	Demo Concrete 201' to 181'	2	5/1/21	6/12/21	5/4/21	6/14/21	36
CD.CS.1140	Demo Concrete 181' to 173'	2	5/4/21	6/15/21	5/6/21	6/16/21	36
CD.CS.1150	Demo Concrete 173' to 165'	1	5/6/21	6/17/21	5/7/21	6/17/21	36
CD.CS.1160	Demo Concrete 165' to 157'	2	5/7/21	6/18/21	5/10/21	6/19/21	36
CD.CS.1170	Demo Concrete 157' to 150'	2	5/10/21	6/21/21	5/12/21	6/22/21	36
CD.CS.1180	Demo Concrete 150' to 145'	1	5/12/21	6/23/21	5/13/21	6/23/21	36
CD.CS.1190	Demo Concrete 145' to 140'	2	5/13/21	8/26/21	5/15/21	8/27/21	90
CD.CS.1200	Demo Concrete 140' to 135'	2	5/15/21	8/28/21	5/18/21	8/30/21	90
CD.CS.1210	Demo Concrete 135' to 128'	2	5/18/21	8/31/21	5/20/21	9/1/21	90
CD.CS.1220	Demo Concrete 128' to 113'	2	5/20/21	9/2/21	5/22/21	9/3/21	90
CD.CS.1230	Demo Concrete 113' to 98'	1	5/22/21	9/4/21	5/24/21	9/4/21	90
CD.CS.1240	Demo Concrete 98' to 83'	2	5/24/21	9/6/21	5/26/21	9/7/21	90
CD.CS.1250	Demo Concrete 83' to 68'	2	5/26/21	9/8/21	5/28/21	9/9/21	90
CD.CS.1260	Demo Concrete 68' to 53'	1	5/28/21	9/10/21	5/29/21	9/10/21	90
CD.CS.1270	Downrig & Pullman Demobilize	4	5/29/21	1/20/22	6/3/21	1/24/22	191
Power Block Demolition		609	12/14/19	3/30/21	12/8/21	2/5/22	43
Unit 5 - Power Block Demolition		600	1/10/20 A	3/30/21	12/8/21	1/25/22	33
PB.U5.1000	Demo F.D. Fan Bldg. Col. 26 to 31 / H to K	4	9/3/20 A	4/27/21	2/5/21	4/30/21	73
PB.U5.1010	Demo Col. A to A1 / 31 to 25	4	2/10/21	5/1/21	2/13/21	5/5/21	69

Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
PB.U5.1020	Demo Turbine Structure Col.s 23-31 / D-A	4	6/3/21	7/15/21	6/8/21	7/19/21	36
PB.U5.1025	Clear Non-Structural Col.s 26-31/D-A Basement to El. 34	10	5/21/21	9/15/21	6/2/21	9/25/21	100
PB.U5.1030	Demo & Clear Accessible Turbine Basement Col.s 23-31 / D-A	8	4/21/21	5/29/21	4/30/21	6/7/21	33
PB.U5.1060	Boiler 5 East Side Wall & Tube Mouthing	9	10/8/21	11/16/21	10/19/21	11/26/21	33
PB.U5.1070	Boiler 5 Mechanical Demo	10	10/19/21	11/29/21	10/30/21	12/9/21	33
PB.U5.1080	Structural Demo Col.'s 23-31 / F1 to D	13	10/30/21	12/10/21	11/15/21	1/4/22	33
PB.U5.1090	Demo & Clear to Basement Elevation Col.'s 23-31 / F1 to A	18	11/15/21	1/5/22	12/8/21	1/25/22	33
PB.U5.1100	Hammer Turbine Base to Final Grade Elevation	9	4/30/21	1/15/22	5/11/21	1/25/22	212
Non-ACM Insulation Removal		338	1/10/20 A	3/30/21	2/2/21	4/29/21	74
PB.U5.IR.1(	Platform El. 125'7" (Col. F-H/ 26-31)	3	1/10/20 A	3/30/21	1/13/20 A	3/30/21	
PB.U5.IR.1(	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	3	1/14/20 A	4/3/21	1/15/20 A	4/3/21	
PB.U5.IR.1(	Platform El. 98'0" (Col. D-H/ 26-31)	2	1/16/20 A	4/3/21	1/17/20 A	4/3/21	
PB.U5.IR.1(	Platform El. 89'0" (Col. D-H/ 26-31)	2	1/17/20 A	4/3/21	1/18/20 A	4/3/21	
PB.U5.IR.1(	Platform El. 81'0" (Col. D-H/ 26-31)	1	1/20/20 A	4/3/21	1/20/20 A	4/3/21	
PB.U5.IR.1(	Platform El. 73'0" (Col. D-H/ 26-31)	2	1/21/20 A	4/3/21	1/21/20 A	4/3/21	
PB.U5.IR.1(	Platform El. 64'0" (Col. D-H/ 26-31)	2	1/22/20 A	4/3/21	1/22/20 A	4/3/21	
PB.U5.IR.1(	Platform El 53'1"(Col. D-H/ 26-31)	2	1/23/20 A	4/3/21	1/23/20 A	4/3/21	
PB.U5.IR.1(	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	5	1/24/20 A	4/3/21	1/28/20 A	4/3/21	
PB.U5.IR.1(	Burner Platform El. 25'0" (Col. D-H/ 26-31)	2	1/28/20 A	4/28/21	1/28/20 A	4/28/21	
PB.U5.IR.1'	Burner Platform El. 16'0" (Col. D-G/ 26-31)	2	1/29/20 A	4/28/21	1/29/20 A	4/28/21	
PB.U5.IR.1'	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	1/30/20 A	4/28/21	1/30/20 A	4/28/21	
PB.U5.IR.1'	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	2	1/31/20 A	4/28/21	1/31/20 A	4/28/21	
PB.U5.IR.1'	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	2	2/1/21	4/28/21	2/2/21	4/29/21	74
Unit 4 - Power Block Demolition		576	1/20/20 A	3/30/21	11/8/21	2/5/22	67
PB.U4.1000	Demo Col. A to A1 / 22 to 18	1	2/23/21	4/2/21	2/24/21	4/2/21	33
PB.U4.1010	Demo Turbine Structure Col.s 16-23 / D-A	4	5/29/21	7/10/21	6/3/21	7/14/21	36
PB.U4.1020	Demo & Clear Accessible Turbine Basement Col.s 16-23 / D-A	8	4/30/21	6/8/21	5/10/21	6/16/21	33
PB.U4.1025	Clear Non-Structural Col.s 16-23/D-A Basement to El. 34	10	5/10/21	9/3/21	5/21/21	9/14/21	100
PB.U4.1050	Boiler 4 East Side Wall & Tube Mouthing	10	8/31/21	10/8/21	9/11/21	10/19/21	33
PB.U4.1060	Boiler 4 Mechanical Demo	10	9/11/21	10/20/21	9/23/21	10/30/21	33
PB.U4.1070	Structural Demo Col.'s 16-23 / F1 to D	13	9/23/21	11/1/21	10/8/21	11/15/21	33
PB.U4.1080	Demo & Clear to Basement Elevation Col.'s 16-23 / F1 to A	18	10/8/21	1/7/22	10/29/21	1/27/22	67
PB.U4.1090	Hammer Turbine Base to Final Grade Elevation	8	10/29/21	1/28/22	11/8/21	2/5/22	67
Non-ACM Insulation Removal		70	1/20/20 A	3/30/21	2/25/20 A	4/28/21	
PB.U4.IR.1(	Platform El. 126'3" (Col. E-F/ 16-23)	3	1/20/20 A	3/30/21	1/23/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 1160'6" (Col. D-H/ 16-23)	3	1/23/20 A	3/30/21	1/25/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 100'3" (Col. D-H/ 16-23)	2	1/27/20 A	3/30/21	1/29/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 91'3" (Col. D-H/ 16-23)	2	1/29/20 A	3/30/21	1/31/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 82'3" (Col. D-H/ 16-23)	2	2/1/20 A	3/30/21	2/4/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 72'0" (Col. D-F/ 16-23)	2	2/4/20 A	3/30/21	2/7/20 A	3/30/21	
PB.U4.IR.1(	Platform El. 63'3" (Col. D-H/ 16-23)	2	2/7/20 A	3/30/21	2/10/20 A	3/30/21	
PB.U4.IR.1(	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	3	2/10/20 A	3/30/21	2/13/20 A	3/30/21	
PB.U4.IR.1(	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	5	2/13/20 A	3/30/21	2/17/20 A	3/30/21	
PB.U4.IR.1(	Burner Platform El. 23'8" (Col. D-H/ 16-23)	4	2/17/20 A	4/17/21	2/19/20 A	4/17/21	
PB.U4.IR.1'	Burner Platform El. 15"4" (Col. D-G/ 16-23)	4	2/19/20 A	4/17/21	2/21/20 A	4/17/21	
PB.U4.IR.1'	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	4	2/21/20 A	4/28/21	2/22/20 A	4/28/21	
PB.U4.IR.1'	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	4	2/22/20 A	4/28/21	2/25/20 A	4/28/21	
Unit 3 - Power Block Demolition		537	12/14/19	3/30/21	9/13/21	1/6/22	89
PB.U3.1000	Demo Turbine Structure Col.s 10-16 / D-A	4	5/22/21	7/6/21	5/27/21	7/9/21	38
PB.U3.1010	Demo & Clear Turbine Basement Col.s 10-16 / D-A	6	5/10/21	6/17/21	5/17/21	6/23/21	33
PB.U3.1040	Boiler 3 West Side Wall & Tube Mouthing	5	8/4/21	9/11/21	8/10/21	9/16/21	33
PB.U3.1050	Boiler 3 Mechanical Demo	8	8/10/21	9/17/21	8/19/21	9/25/21	33
PB.U3.1060	Structural Demo Col.'s 10-16 / H-D	10	8/19/21	9/27/21	8/31/21	10/7/21	33

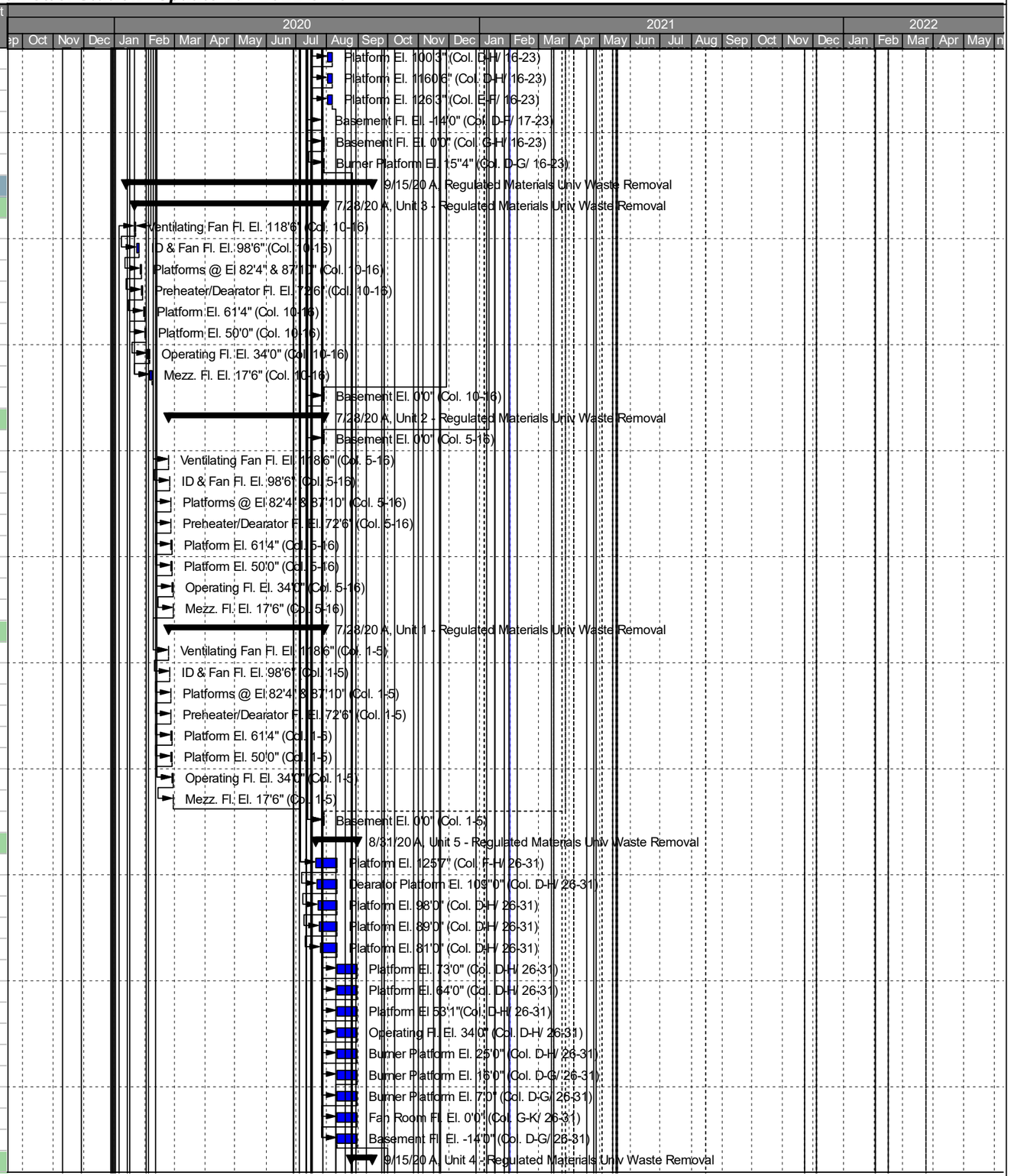


Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
PB.U3.1070	Demo & Clear to Basement Elevation Col.'s 10-16 / H-D	11	8/31/21	12/15/21	9/13/21	1/6/22	89
PB.U3.1080	Hammer Turbine Base to Final Grade Elevation	5	5/17/21	6/30/21	5/22/21	7/5/21	38
Non-ACM Insulation Removal		202	12/14/19	3/30/21	7/29/20 A	4/17/21	
PB.U3.IR.1(	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	12/14/19	3/30/21	12/16/19	3/30/21	
PB.U3.IR.1(	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	12/17/19	3/30/21	12/20/19	3/30/21	
PB.U3.IR.1(	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	3/3/20 A	3/30/21	3/3/20 A	3/30/21	
PB.U3.IR.1(	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	3/4/20 A	3/30/21	3/7/20 A	3/30/21	
PB.U3.IR.1(	Platform El. 61'4" (Col. 10-16)	1	3/9/20 A	3/30/21	3/9/20 A	3/30/21	
PB.U3.IR.1(	Platform El. 50'0" (Col. 10-16)	1	3/10/20 A	3/30/21	3/11/20 A	3/30/21	
PB.U3.IR.1(	Operating Fl. El. 34'0" (Col. 10-16)	2	3/12/20 A	4/17/21	3/14/20 A	4/17/21	
PB.U3.IR.1(	Mezz. Fl. El. 17'6" (Col. 10-16)	2	3/16/20 A	4/17/21	3/18/20 A	4/17/21	
PB.U3.IR.1(	Basement El. 0'0" (Col. 10-16)	2	7/27/20 A	4/17/21	7/29/20 A	4/17/21	
Unit 2 - Power Block Demolition		314	7/27/20 A	4/17/21	8/17/21	12/14/21	101
PB.U2.1000	Demo Turbine Structure Col.s 5-10 / D-A	4	6/11/21	8/11/21	6/16/21	8/14/21	52
PB.U2.1010	Demo & Clear Turbine Basement Col.s 5-10 / D-A	8	5/17/21	6/24/21	5/26/21	7/2/21	33
PB.U2.1040	Boiler 2 West Side Wall & Tube Mouthing	5	7/8/21	8/16/21	7/14/21	8/20/21	33
PB.U2.1050	Boiler 2 Mechanical Demo	8	7/14/21	8/21/21	7/23/21	8/30/21	33
PB.U2.1060	Structural Demo Col.'s 5-10 / G-D	10	7/23/21	8/31/21	8/4/21	9/10/21	33
PB.U2.1070	Demo & Clear to Basement Elevation Col.'s 5-10 / G-D	11	8/4/21	12/2/21	8/17/21	12/14/21	101
PB.U2.1080	Hammer Turbine Base to Final Grade Elevation	5	5/26/21	7/3/21	6/1/21	7/8/21	33
Non-ACM Insulation Removal		19	7/27/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Platform El. 61'4" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Platform El. 50'0" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21	
PB.U2.IR.1(	Operating Fl. El. 34'0" (Col. 5-16)	1	7/30/20 A	4/17/21	7/31/20 A	4/17/21	
PB.U2.IR.1(	Mezz. Fl. El. 17'6" (Col. 5-16)	1	7/27/20 A	4/17/21	7/29/20 A	4/17/21	
PB.U2.IR.1(	Basement El. 0'0" (Col. 5-16)	1	7/29/20 A	4/17/21	7/30/20 A	4/17/21	
Unit 1 - Power Block Demolition		290	8/1/20 A	4/17/21	7/21/21	2/5/22	161
PB.U1.1000	Col. H / Col.'s 1 to 14 Concrete Wall Demo	5	3/31/21	1/12/22	4/5/21	1/17/22	235
PB.U1.1010	Fuel Oil Room Partial Demo	1	4/2/21	1/17/22	4/2/21	1/17/22	237
PB.U1.1020	Col. 1 / Col.'s H to A Concrete Wall Demo	6	4/6/21	1/18/22	4/12/21	1/24/22	235
PB.U1.1050	Boiler 1 West Side Wall & Tube Mouthing	5	6/11/21	7/20/21	6/17/21	7/24/21	33
PB.U1.1060	Boiler 1 Mechanical Demo	8	6/17/21	7/26/21	6/26/21	8/3/21	33
PB.U1.1070	Structural Demo Col.'s 1-5 / H-D	10	6/26/21	8/4/21	7/8/21	8/14/21	33
PB.U1.1080	Complete Fuel Oil Room Demo	1	7/8/21	11/17/21	7/9/21	11/17/21	113
PB.U1.1090	Demo & Clear to Basement Elevation Col.'s 1-5 / G-D	10	7/9/21	11/18/21	7/21/21	12/1/21	113
PB.U1.1100	Demo Turbine Structure Col.s 1-5 / D-A	6	6/4/21	7/13/21	6/11/21	7/19/21	33
PB.U1.1110	Demo & Clear Turbine Basement Col.s 1-5 / D-A	3	6/1/21	7/9/21	6/4/21	7/12/21	33
PB.U1.1120	Hammer Turbine Base to Final Grade Elevation	5	6/4/21	2/1/22	6/10/21	2/5/22	196
Non-ACM Insulation Removal		14	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Platform El. 61'4" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Platform El. 50'0" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Operating Fl. El. 34'0" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Mezz. Fl. El. 17'6" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
PB.U1.IR.1(	Basement El. 0'0" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21	
Utility Disconnects		195	1/9/20 A	4/16/21	8/6/20 A	5/20/21	

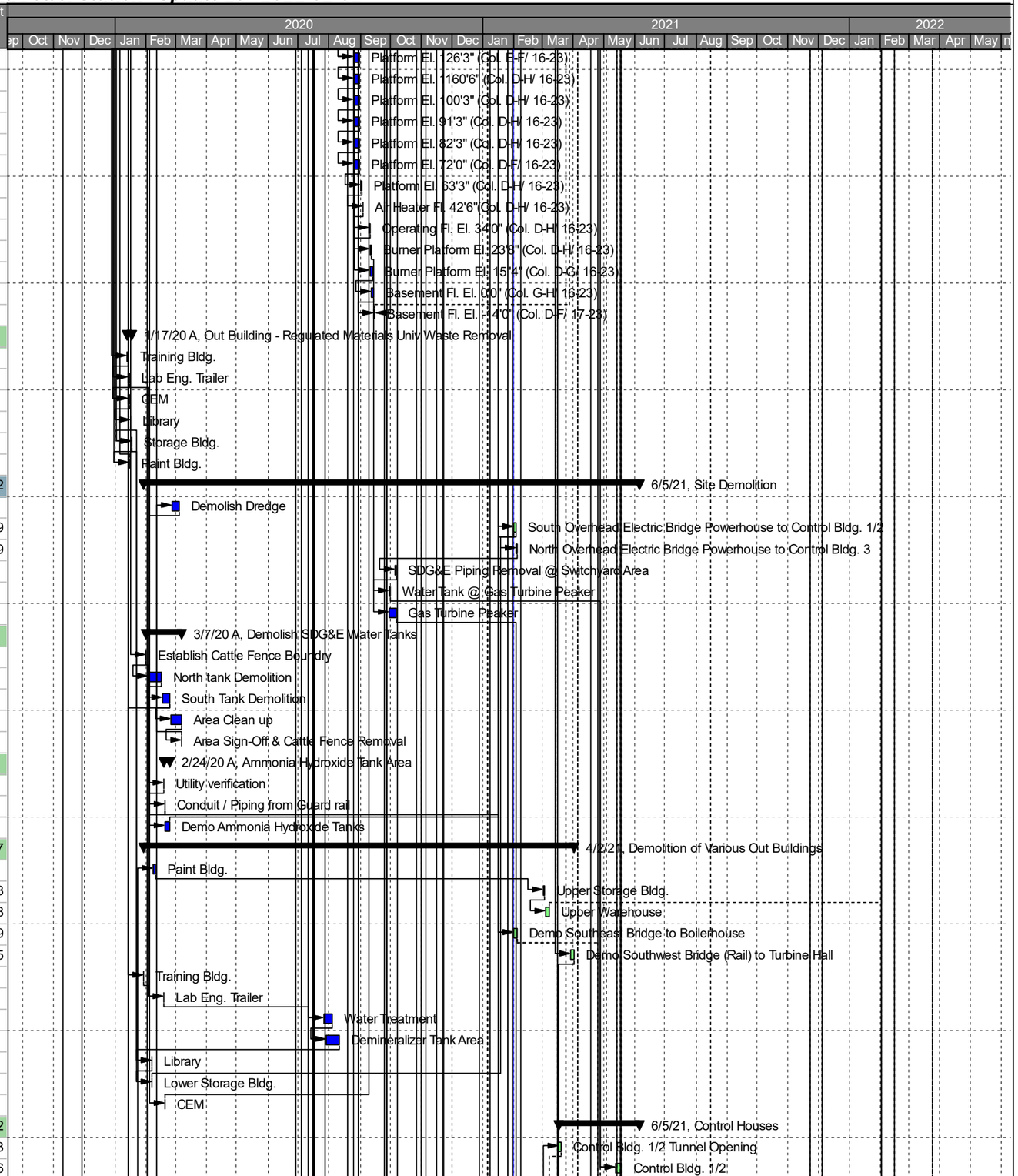


Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
Verify Utility Disconnects Unit 3 (Col.'s D-H)		174	1/9/20 A	4/16/21	7/27/20 A	5/4/21	
UD.U3.1000	Mezz. Fl. El. 17'6" (Col. 10-16)	4	1/9/20 A	4/16/21	1/11/20 A	4/16/21	
UD.U3.1010	Operating Fl. El. 34'0" (Col. 10-16)	2	1/11/20 A	4/16/21	1/16/20 A	4/16/21	
UD.U3.1020	Platform El. 50'0" (Col. 10-16)	2	1/16/20 A	4/16/21	1/17/20 A	4/16/21	
UD.U3.1030	Platform El. 61'4" (Col. 10-16)	2	1/17/20 A	4/16/21	1/18/20 A	4/16/21	
UD.U3.1040	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	1/20/20 A	4/16/21	1/22/20 A	4/16/21	
UD.U3.1050	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	1/23/20 A	4/16/21	1/23/20 A	4/16/21	
UD.U3.1060	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	1/24/20 A	4/16/21	1/24/20 A	4/16/21	
UD.U3.1070	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	1/25/20 A	4/16/21	1/27/20 A	4/16/21	
UD.U3.1080	Basement El. 0'0" (Col. 10-16)	1	7/27/20 A	5/4/21	7/27/20 A	5/4/21	
Verify Utility Disconnections Units 2 (Col.'s D-H)		145	2/8/20 A	4/16/21	7/27/20 A	5/12/21	
UD.U2.1000	Mezz. Fl. El. 17'6" (Col. 5-16)	3	2/14/20 A	4/16/21	2/15/20 A	4/16/21	
UD.U2.1010	Operating Fl. El. 34'0" (Col. 5-16)	2	2/13/20 A	4/16/21	2/14/20 A	4/16/21	
UD.U2.1020	Platform El. 50'0" (Col. 5-16)	2	2/12/20 A	4/16/21	2/12/20 A	4/16/21	
UD.U2.1030	Platform El. 61'4" (Col. 5-16)	2	2/12/20 A	4/16/21	2/12/20 A	4/16/21	
UD.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	2/11/20 A	4/16/21	2/11/20 A	4/16/21	
UD.U2.1050	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	2/11/20 A	4/16/21	2/11/20 A	4/16/21	
UD.U2.1060	ID & Fan Fl. El. 98'6" (Col. 5-16)	2	2/10/20 A	4/16/21	2/10/20 A	4/16/21	
UD.U2.1070	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2	2/8/20 A	4/16/21	2/8/20 A	4/16/21	
UD.U2.1080	Basement El. 0'0" (Col. 5-16)	1	7/27/20 A	5/12/21	7/27/20 A	5/12/21	
Verify Utility Disconnections Units 1 (Col.'s D-H)		126	2/25/20 A	4/16/21	7/27/20 A	5/20/21	
UD.U1.1000	Mezz. Fl. El. 17'6" (Col. 1-5)	1	3/13/20 A	4/16/21	3/13/20 A	4/16/21	
UD.U1.1010	Operating Fl. El. 34'0" (Col. 1-5)	1	3/12/20 A	4/16/21	3/12/20 A	4/16/21	
UD.U1.1020	Platform El. 50'0" (Col. 1-5)	1	3/11/20 A	4/16/21	3/11/20 A	4/16/21	
UD.U1.1030	Platform El. 61'4" (Col. 1-5)	1	2/29/20 A	4/16/21	2/29/20 A	4/16/21	
UD.U1.1040	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	2/28/20 A	4/16/21	2/29/20 A	4/16/21	
UD.U1.1050	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	2/27/20 A	4/16/21	2/27/20 A	4/16/21	
UD.U1.1060	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	2/26/20 A	4/16/21	2/27/20 A	4/16/21	
UD.U1.1070	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	2/25/20 A	4/16/21	2/25/20 A	4/16/21	
UD.U1.1080	Basement El. 0'0" (Col. 1-5)	1	7/27/20 A	5/20/21	7/27/20 A	5/20/21	
Verify Utility Disconnections Units 5		12	7/27/20 A	4/16/21	8/6/20 A	5/20/21	
UD.U5.1000	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1	7/27/20 A	4/16/21	7/27/20 A	4/16/21	
UD.U5.1010	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1	7/28/20 A	4/16/21	7/28/20 A	4/16/21	
UD.U5.1020	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	2	7/29/20 A	4/16/21	7/30/20 A	4/16/21	
UD.U5.1030	Platform El 53'1"(Col. D-H/ 26-31)	1	7/31/20 A	4/16/21	7/31/20 A	4/16/21	
UD.U5.1040	Platform El. 64'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1060	Platform El. 81'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1070	Platform El. 89'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1080	Platform El. 98'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1090	Dearator Platform El. 109'0" (Col. D-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1100	Platform El. 125'7" (Col. F-H/ 26-31)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U5.1110	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	1	7/27/20 A	5/20/21	7/27/20 A	5/20/21	
UD.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1	7/28/20 A	5/20/21	7/28/20 A	5/20/21	
UD.U5.1130	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	7/29/20 A	5/20/21	7/29/20 A	5/20/21	
Verify Utility Disconnections Units 4		22	7/27/20 A	4/16/21	8/6/20 A	5/20/21	
UD.U4.1000	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1010	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1020	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1030	Platform El. 63'3" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1040	Platform El. 72'0" (Col. D-F/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1050	Platform El. 82'3" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1060	Platform El. 91'3" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	

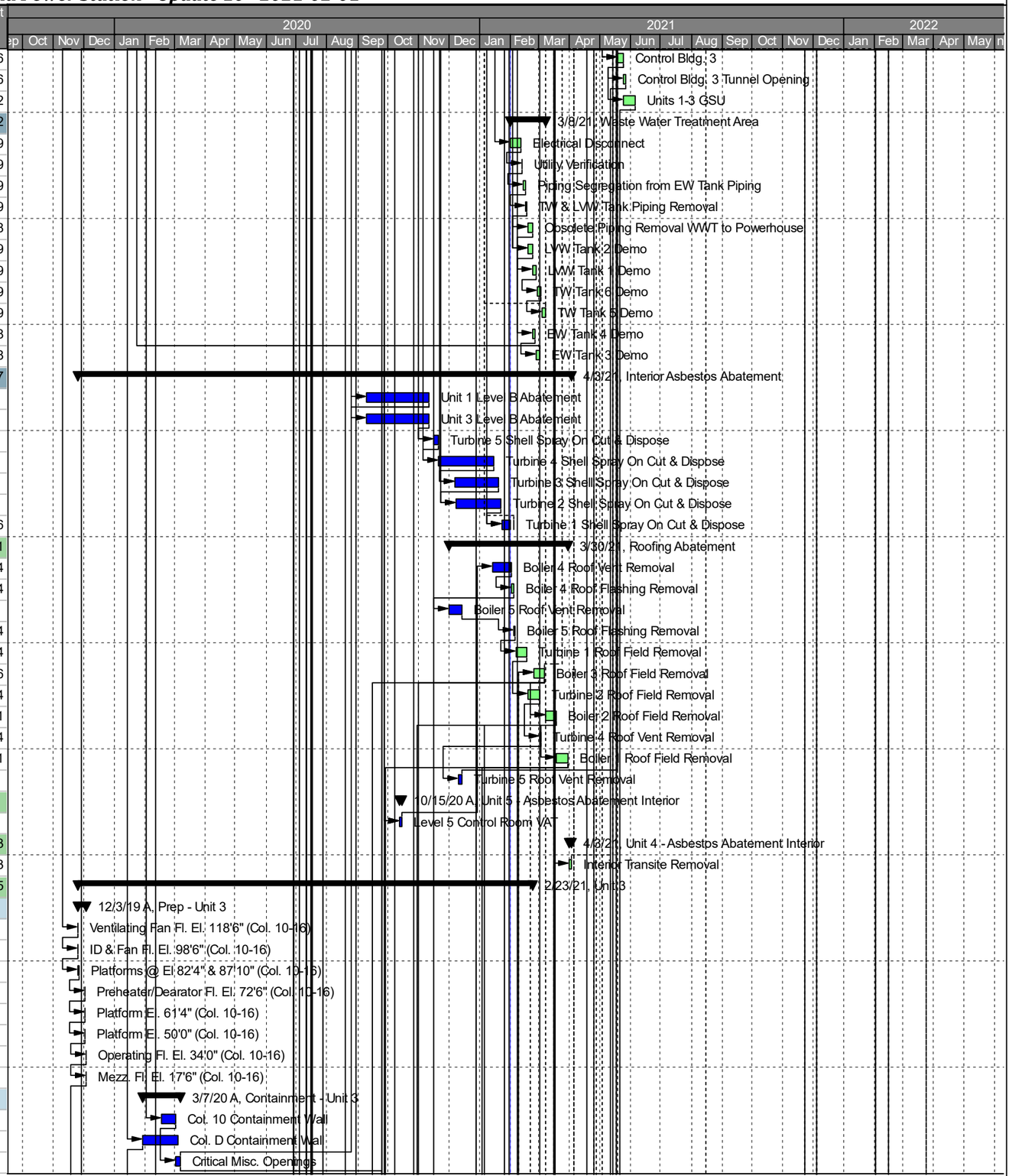
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
UD.U4.1070	Platform El. 100'3" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1080	Platform El. 1160'6" (Col. D-H/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1090	Platform El. 126'3" (Col. E-F/ 16-23)	1	8/1/20 A	4/16/21	8/6/20 A	4/16/21	
UD.U4.1100	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	1	7/27/20 A	5/20/21	7/27/20 A	5/20/21	
UD.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1	7/28/20 A	5/20/21	7/28/20 A	5/20/21	
UD.U4.1120	Burner Platform El. 15"4" (Col. D-G/ 16-23)	1	7/29/20 A	5/20/21	7/29/20 A	5/20/21	
Regulated Materials Univ Waste Removal		207	1/13/20 A	4/16/21	9/15/20 A	5/20/21	
Unit 3 - Regulated Materials Univ Waste Removal		158	1/21/20 A	4/16/21	7/28/20 A	5/4/21	
RM.U3.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	1/21/20 A	4/16/21	1/22/20 A	4/16/21	
RM.U3.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	1/23/20 A	4/16/21	1/25/20 A	4/16/21	
RM.U3.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	1/27/20 A	4/16/21	1/27/20 A	4/16/21	
RM.U3.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	1/28/20 A	4/16/21	1/29/20 A	4/16/21	
RM.U3.1040	Platform El. 61'4" (Col. 10-16)	1	1/30/20 A	4/16/21	1/31/20 A	4/16/21	
RM.U3.1050	Platform El. 50'0" (Col. 10-16)	1	2/1/20 A	4/16/21	2/1/20 A	4/16/21	
RM.U3.1060	Operating Fl. El. 34'0" (Col. 10-16)	1	2/3/20 A	4/16/21	2/5/20 A	4/16/21	
RM.U3.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	1	2/5/20 A	4/16/21	2/7/20 A	4/16/21	
RM.U3.1080	Basement El. 0'0" (Col. 10-16)	1	7/28/20 A	5/4/21	7/28/20 A	5/4/21	
Unit 2 - Regulated Materials Univ Waste Removal		129	2/24/20 A	4/16/21	7/28/20 A	5/12/21	
RM.U2.1000	Basement El. 0'0" (Col. 5-16)	1	7/28/20 A	5/12/21	7/28/20 A	5/12/21	
RM.U2.1010	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	2/24/20 A	4/16/21	2/24/20 A	4/16/21	
RM.U2.1020	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	2/25/20 A	4/16/21	2/25/20 A	4/16/21	
RM.U2.1030	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	2/26/20 A	4/16/21	2/26/20 A	4/16/21	
RM.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	2/26/20 A	4/16/21	2/26/20 A	4/16/21	
RM.U2.1050	Platform El. 61'4" (Col. 5-16)	1	2/27/20 A	4/16/21	2/27/20 A	4/16/21	
RM.U2.1060	Platform El. 50'0" (Col. 5-16)	1	2/27/20 A	4/16/21	2/27/20 A	4/16/21	
RM.U2.1070	Operating Fl. El. 34'0" (Col. 5-16)	1	2/28/20 A	4/16/21	2/28/20 A	4/16/21	
RM.U2.1080	Mezz. Fl. El. 17'6" (Col. 5-16)	1	2/29/20 A	4/16/21	2/29/20 A	4/16/21	
Unit 1 - Regulated Materials Univ Waste Removal		121	2/24/20 A	4/16/21	7/28/20 A	5/20/21	
RM.U1.1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	2/24/20 A	4/16/21	2/24/20 A	4/16/21	
RM.U1.1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	2/25/20 A	4/16/21	2/25/20 A	4/16/21	
RM.U1.1020	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	2/26/20 A	4/16/21	2/26/20 A	4/16/21	
RM.U1.1030	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	2/26/20 A	4/16/21	2/26/20 A	4/16/21	
RM.U1.1040	Platform El. 61'4" (Col. 1-5)	1	2/27/20 A	4/16/21	2/27/20 A	4/16/21	
RM.U1.1050	Platform El. 50'0" (Col. 1-5)	1	2/27/20 A	4/16/21	2/27/20 A	4/16/21	
RM.U1.1060	Operating Fl. El. 34'0" (Col. 1-5)	1	2/28/20 A	4/16/21	2/28/20 A	4/16/21	
RM.U1.1070	Mezz. Fl. El. 17'6" (Col. 1-5)	1	2/29/20 A	4/16/21	2/29/20 A	4/16/21	
RM.U1.1080	Basement El. 0'0" (Col. 1-5)	1	7/28/20 A	5/20/21	7/28/20 A	5/20/21	
Unit 5 - Regulated Materials Univ Waste Removal		16	7/21/20 A	4/16/21	8/31/20 A	5/20/21	
RM.U5.1000	Platform El. 125'7" (Col. F-H/ 26-31)	1	7/21/20 A	4/16/21	8/11/20 A	4/16/21	
RM.U5.1010	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	1	7/22/20 A	4/16/21	8/11/20 A	4/16/21	
RM.U5.1020	Platform El. 98'0" (Col. D-H/ 26-31)	1	7/23/20 A	4/16/21	8/11/20 A	4/16/21	
RM.U5.1030	Platform El. 89'0" (Col. D-H/ 26-31)	1	7/24/20 A	4/16/21	8/11/20 A	4/16/21	
RM.U5.1040	Platform El. 81'0" (Col. D-H/ 26-31)	1	7/25/20 A	4/16/21	8/11/20 A	4/16/21	
RM.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1060	Platform El. 64'0" (Col. D-H/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1070	Platform El 53'1"(Col. D-H/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1080	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1090	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1100	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1	8/11/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U5.1110	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1	8/11/20 A	5/20/21	8/31/20 A	5/20/21	
RM.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1	8/11/20 A	5/20/21	8/31/20 A	5/20/21	
RM.U5.1130	Basement Fl. El. -14'0" (Col. D-G/ 26-31)	1	8/11/20 A	5/20/21	8/31/20 A	5/20/21	
Unit 4 - Regulated Materials Univ Waste Removal		12	8/25/20 A	4/16/21	9/15/20 A	5/20/21	



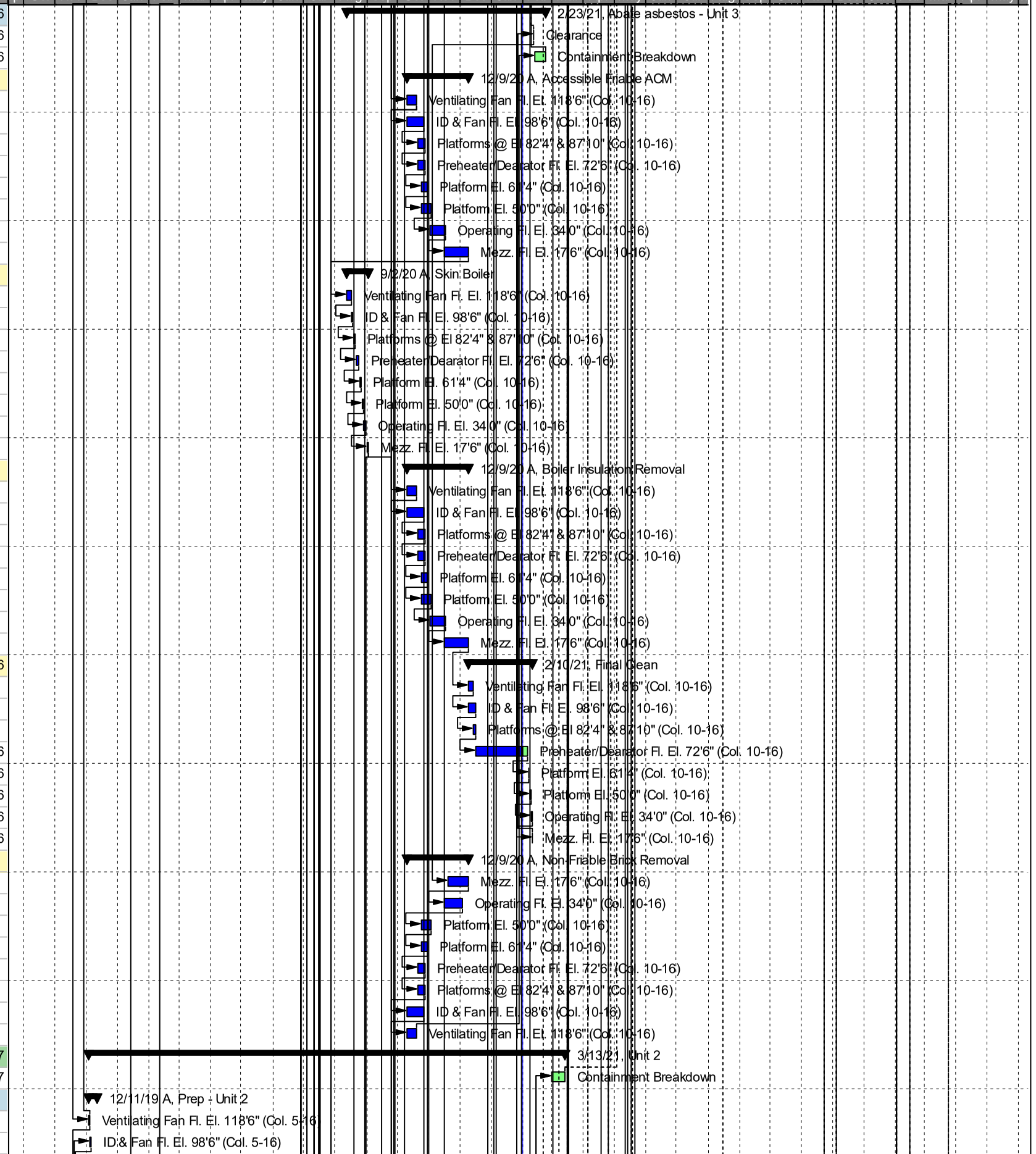
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
RM.U4.1000	Platform El. 126'3" (Col. E-F/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1010	Platform El. 1160'6" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1020	Platform El. 100'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1030	Platform El. 91'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1040	Platform El. 82'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1050	Platform El. 72'0" (Col. D-F/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21	
RM.U4.1060	Platform El. 63'3" (Col. D-H/ 16-23)	1	9/1/20 A	4/16/21	9/2/20 A	4/16/21	
RM.U4.1070	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	9/3/20 A	4/16/21	9/3/20 A	4/16/21	
RM.U4.1080	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	9/9/20 A	4/16/21	9/10/20 A	4/16/21	
RM.U4.1090	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1	9/10/20 A	4/16/21	9/11/20 A	4/16/21	
RM.U4.1100	Burner Platform El. 15"4" (Col. D-G/ 16-23)	1	9/11/20 A	5/20/21	9/12/20 A	5/20/21	
RM.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1	9/12/20 A	5/20/21	9/14/20 A	5/20/21	
RM.U4.1120	Basement Fl. El. -14'0" (Col. D-F/ 17-23)	1	9/14/20 A	5/20/21	9/15/20 A	5/20/21	
Out Building - Regulated Materials Univ Waste Removal		3	1/13/20 A	4/16/21	1/17/20 A	4/16/21	
RM.OB.1000	Training Bldg.	1	1/13/20 A	4/16/21	1/13/20 A	4/16/21	
RM.OB.1010	Lab Eng. Trailer	1	1/14/20 A	4/16/21	1/14/20 A	4/16/21	
RM.OB.1020	CEM	1	1/14/20 A	4/16/21	1/14/20 A	4/16/21	
RM.OB.1030	Library	1	1/16/20 A	4/16/21	1/16/20 A	4/16/21	
RM.OB.1040	Storage Bldg.	1	1/17/20 A	4/16/21	1/17/20 A	4/16/21	
RM.OB.1050	Paint Bldg.	1	1/15/20 A	4/16/21	1/15/20 A	4/16/21	
Site Demolition		430	1/29/20 A	3/30/21	6/5/21	3/28/22	242
SD.1000	Demolish Dredge	5	2/27/20 A	3/30/21	3/4/20 A	3/30/21	
SD.1010	South Overhead Electric Bridge Powerhouse to Control Bldg. 1/2	2	2/1/21	3/30/21	2/2/21	3/31/21	49
SD.1020	North Overhead Electric Bridge Powerhouse to Control Bldg. 3	2	2/3/21	6/22/21	2/4/21	6/23/21	119
SD.1030	SDG&E Piping Removal @ Switchyard Area	1	10/5/20 A	6/24/21	10/6/20 A	6/24/21	
SD.1040	Water Tank @ Gas Turbine Peaker	3	9/29/20 A	6/24/21	9/30/20 A	6/24/21	
SD.1050	Gas Turbine Peaker	10	9/30/20 A	4/16/21	10/6/20 A	4/16/21	
Demolish SDG&E Water Tanks		43	1/31/20 A	3/30/21	3/7/20 A	3/30/21	
SD.WT.1000	Establish Cattle Fence Boundry	1	1/31/20 A	3/30/21	1/31/20 A	3/30/21	
SD.WT.1010	North tank Demolition	5	2/3/20 A	3/30/21	2/15/20 A	3/30/21	
SD.WT.1020	South Tank Demolition	5	2/17/20 A	3/30/21	2/24/20 A	3/30/21	
SD.WT.1030	Area Clean up	2	2/25/20 A	3/30/21	3/7/20 A	3/30/21	
SD.WT.1040	Area Sign-Off & Cattle Fence Removal	1	3/7/20 A	3/30/21	3/7/20 A	3/30/21	
Ammonia Hydroxide Tank Area		27	2/18/20 A	3/30/21	2/24/20 A	4/30/21	
SD.AH.1000	Utility verification	1	2/18/20 A	4/30/21	2/18/20 A	4/30/21	
SD.AH.1010	Conduit / Piping from Guard rail	3	2/19/20 A	3/30/21	2/19/20 A	3/30/21	
SD.AH.1020	Demo Ammonia Hydroxide Tanks	6	2/19/20 A	3/30/21	2/24/20 A	3/30/21	
Demolition of Various Out Buildings		419	1/29/20 A	4/30/21	4/2/21	3/28/22	297
SD.OB.1000	Paint Bldg.	3	2/8/20 A	3/22/22	2/10/20 A	3/22/22	
SD.OB.1010	Upper Storage Bldg.	2	3/2/21	3/22/22	3/3/21	3/23/22	318
SD.OB.1020	Upper Warehouse	4	3/4/21	3/24/22	3/8/21	3/28/22	318
SD.OB.1030	Demo Southeast Bridge to Boilerhouse	4	2/1/21	5/15/21	2/4/21	5/19/21	89
SD.OB.1040	Demo Southwest Bridge (Rail) to Turbine Hall	4	3/29/21	5/20/21	4/2/21	5/24/21	45
SD.OB.1050	Training Bldg.	2	1/29/20 A	6/22/21	1/29/20 A	6/22/21	
SD.OB.1060	Lab Eng. Trailer	3	2/18/20 A	6/22/21	2/18/20 A	6/22/21	
SD.OB.1070	Water Treatment	4	7/27/20 A	6/22/21	8/4/20 A	6/22/21	
SD.OB.1080	Demineralizer Tank Area	3	7/29/20 A	6/22/21	8/10/20 A	6/22/21	
SD.OB.1090	Library	2	2/6/20 A	6/22/21	2/6/20 A	6/22/21	
SD.OB.1100	Lower Storage Bldg.	2	2/6/20 A	6/22/21	2/6/20 A	6/22/21	
SD.OB.1110	CEM	1	2/19/20 A	4/30/21	2/19/20 A	4/30/21	
Control Houses		69	3/17/21	6/24/21	6/5/21	3/16/22	232
SD.CH.1000	Control Bldg. 1/2 Tunnel Opening	2	3/17/21	1/7/22	3/19/21	1/8/22	243
SD.CH.1010	Control Bldg. 1/2	5	5/13/21	6/24/21	5/19/21	6/29/21	36



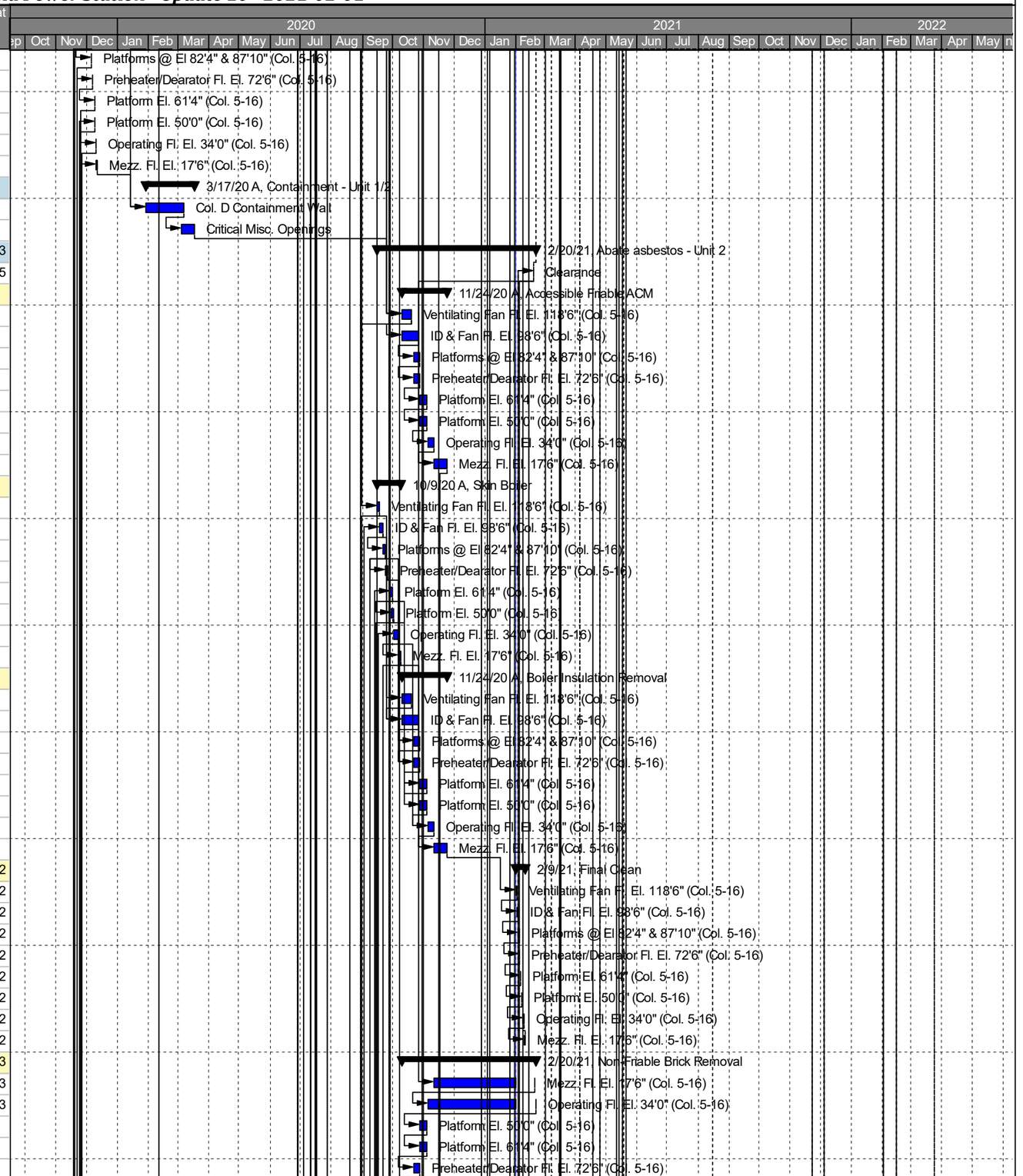
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
SD.CH.1020	Control Bldg. 3	5	5/19/21	6/30/21	5/25/21	7/5/21	36
SD.CH.1030	Control Bldg. 3 Tunnel Opening	2	5/25/21	7/6/21	5/27/21	7/7/21	36
SD.CH.1040	Units 1-3 GSU	10	5/25/21	3/5/22	6/5/21	3/16/22	232
Waste Water Treatment Area		31	2/1/21	3/30/21	3/8/21	3/21/22	312
WW.1000	Electrical Disconnect	10	2/1/21	3/30/21	2/11/21	4/9/21	49
WW.1010	Utility Verification	1	2/12/21	4/10/21	2/12/21	4/10/21	49
WW.1020	Piping Segregation from EW Tank Piping	2	2/13/21	4/12/21	2/15/21	4/13/21	49
WW.1030	TW & LVW Tank Piping Removal	2	2/16/21	4/14/21	2/17/21	4/15/21	49
WW.1040	Obsolete Piping Removal WWT to Powerhouse	4	2/18/21	3/10/22	2/22/21	3/14/22	318
WW.1050	LVW Tank 2 Demo	4	2/18/21	4/16/21	2/22/21	4/20/21	49
WW.1060	LVW Tank 1 Demo	4	2/23/21	4/21/21	2/26/21	4/24/21	49
WW.1070	TW Tank 6 Demo	4	2/27/21	4/26/21	3/3/21	4/29/21	49
WW.1080	TW Tank 5 Demo	4	3/4/21	4/30/21	3/8/21	5/4/21	49
WW.1090	EW Tank 4 Demo	3	2/23/21	3/15/22	2/25/21	3/17/22	318
WW.1100	EW Tank 3 Demo	3	2/26/21	3/18/22	3/1/21	3/21/22	318
Interior Asbestos Abatement		416	11/25/19	3/13/21	4/3/21	7/15/21	87
IA.1000	Unit 1 Level B Abatement	10	9/9/20 A	4/17/21	11/11/20	4/17/21	
IA.1010	Unit 3 Level B Abatement	5	9/9/20 A	5/4/21	11/11/20	5/4/21	
IA.1020	Turbine 5 Shell Spray On Cut & Dispose	5	11/16/20	5/4/21	11/20/20	5/4/21	
IA.1030	Turbine 4 Shell Spray On Cut & Dispose	5	11/20/20	5/4/21	1/15/21 A	5/4/21	
IA.1040	Turbine 3 Shell Spray On Cut & Dispose	3	12/7/20 A	5/4/21	1/19/21 A	5/4/21	
IA.1050	Turbine 2 Shell Spray On Cut & Dispose	3	12/8/20 A	5/4/21	1/22/21 A	5/4/21	
IA.1060	Turbine 1 Shell Spray On Cut & Dispose	3	1/23/21 A	5/4/21	2/4/21	5/4/21	76
Roofing Abatement		89	12/1/20 A	4/6/21	3/30/21	7/15/21	91
IA.RA.1000	Boiler 4 Roof Vent Removal	2	1/14/21 A	6/14/21	2/1/21	6/14/21	114
IA.RA.1010	Boiler 4 Roof Flashing Removal	2	2/2/21	6/15/21	2/3/21	6/16/21	114
IA.RA.1020	Boiler 5 Roof Vent Removal	2	12/1/20 A	6/17/21	12/14/20	6/17/21	
IA.RA.1030	Boiler 5 Roof Flashing Removal	2	2/4/21	6/17/21	2/5/21	6/18/21	114
IA.RA.1040	Turbine 1 Roof Field Removal	10	2/6/21	6/19/21	2/17/21	6/30/21	114
IA.RA.1050	Boiler 3 Roof Field Removal	10	2/24/21	4/6/21	3/6/21	4/17/21	36
IA.RA.1060	Turbine 2 Roof Field Removal	10	2/18/21	7/1/21	3/1/21	7/12/21	114
IA.RA.1070	Boiler 2 Roof Field Removal	10	3/8/21	5/6/21	3/18/21	5/17/21	51
IA.RA.1080	Turbine 4 Roof Vent Removal	2	3/2/21	7/13/21	3/3/21	7/14/21	114
IA.RA.1090	Boiler 1 Roof Field Removal	10	3/19/21	5/18/21	3/30/21	5/28/21	51
IA.RA.1100	Turbine 5 Roof Vent Removal	2	12/11/20	7/15/21	12/14/20	7/15/21	
Unit 5 - Asbestos Abatement Interior		4	10/13/20	6/14/21	10/15/20	6/14/21	
IA.U5.1000	Level 5 Control Room VAT	4	10/13/20	6/14/21	10/15/20	6/14/21	
Unit 4 - Asbestos Abatement Interior		4	3/31/21	7/6/21	4/3/21	7/9/21	83
IA.U4.1000	Interior Transite Removal	4	3/31/21	7/6/21	4/3/21	7/9/21	83
Unit 3		382	11/25/19	3/13/21	2/23/21	4/17/21	45
Prep - Unit 3		16	11/25/19	3/30/21	12/3/19 A	3/30/21	
IA.U3.P.100	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	11/25/19	3/30/21	11/25/19	3/30/21	
IA.U3.P.101	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	11/25/19	3/30/21	11/25/19	3/30/21	
IA.U3.P.102	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	11/25/19	3/30/21	11/26/19	3/30/21	
IA.U3.P.103	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	12/2/19 A	3/30/21	12/2/19 A	3/30/21	
IA.U3.P.104	Platform El. 61'4" (Col. 10-16)	2	12/2/19 A	3/30/21	12/2/19 A	3/30/21	
IA.U3.P.105	Platform El. 50'0" (Col. 10-16)	2	12/2/19 A	3/30/21	12/2/19 A	3/30/21	
IA.U3.P.106	Operating Fl. El. 34'0" (Col. 10-16)	2	12/3/19 A	3/30/21	12/3/19 A	3/30/21	
IA.U3.P.107	Mezz. Fl. El. 17'6" (Col. 10-16)	2	12/3/19 A	3/30/21	12/3/19 A	3/30/21	
Containment - Unit 3		24	1/29/20 A	3/13/21	3/7/20 A	4/17/21	
IA.U3.C.100	Col. 10 Containment Wall	12	2/17/20 A	3/13/21	3/2/20 A	3/13/21	
IA.U3.C.101	Col. D Containment Wall	5	1/29/20 A	4/17/21	3/4/20 A	4/17/21	
IA.U3.C.102	Critical Misc. Openings	12	3/2/20 A	3/13/21	3/7/20 A	3/13/21	



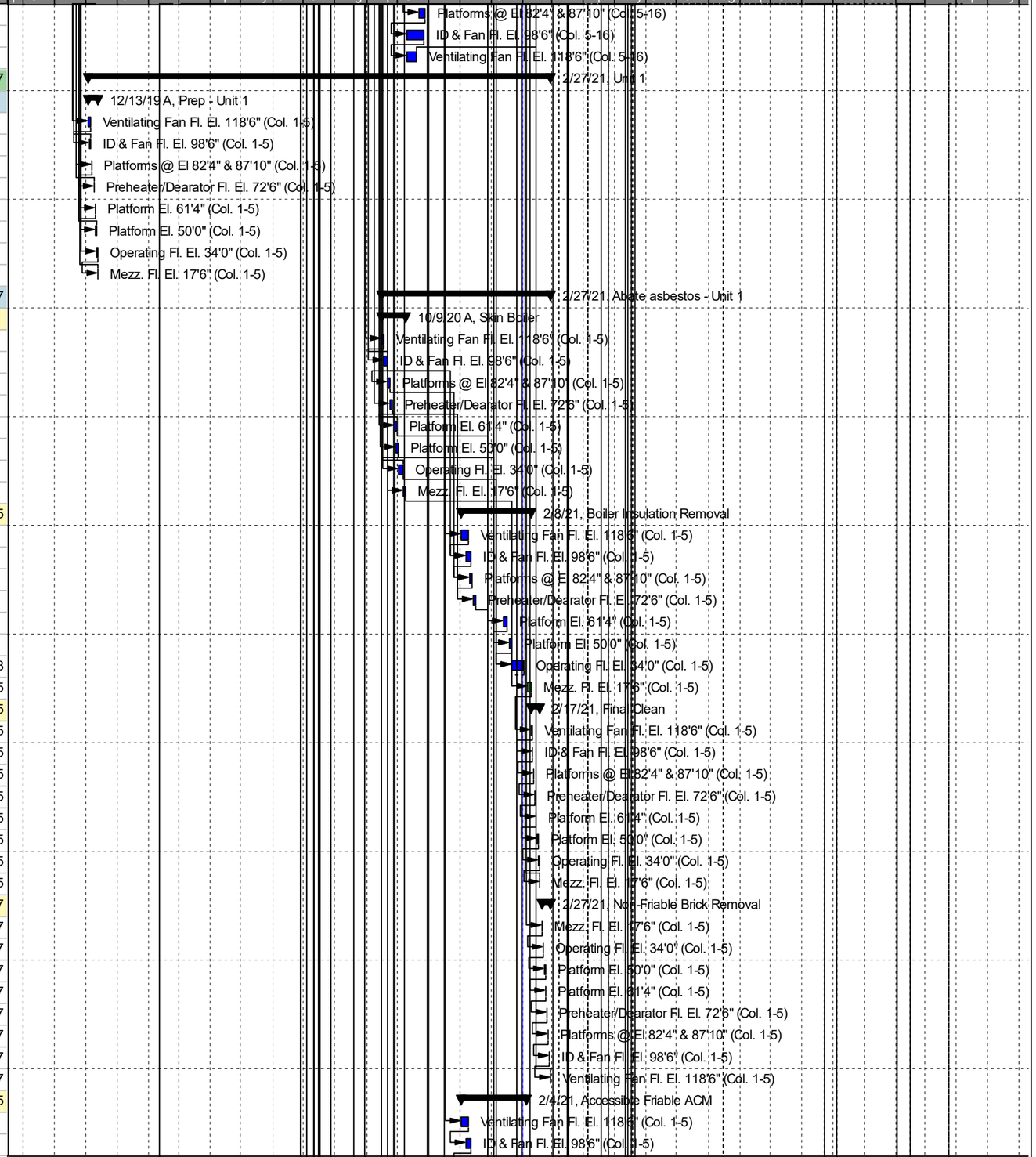
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
Abate asbestos - Unit 3		145	8/12/20 A	3/13/21	2/23/21	4/6/21	36
IA.U3.A.13	Clearance	1	2/11/21	3/24/21	2/11/21	3/25/21	36
IA.U3.A.14	Containment Breakdown	10	2/12/21	3/25/21	2/23/21	4/6/21	36
Accessible Friable ACM		35	10/10/20	3/13/21	12/9/20 A	3/13/21	
IA.U3.A.1(	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	3	10/10/20	3/13/21	10/19/20	3/13/21	
IA.U3.A.1(	ID & Fan Fl. El. 98'6" (Col. 10-16)	3	10/10/20	3/13/21	10/26/20	3/13/21	
IA.U3.A.1(	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	10/21/20	3/13/21	10/28/20	3/13/21	
IA.U3.A.1(	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	10/21/20	3/13/21	10/28/20	3/13/21	
IA.U3.A.1(	Platform El. 61'4" (Col. 10-16)	2	10/24/20	3/13/21	10/30/20	3/13/21	
IA.U3.A.1(	Platform El. 50'0" (Col. 10-16)	2	10/24/20	3/13/21	11/2/20 A	3/13/21	
IA.U3.A.1(	Operating Fl. El. 34'0" (Col. 10-16)	3	11/2/20 A	3/13/21	11/16/20	3/13/21	
IA.U3.A.1(	Mezz. Fl. El. 17'6" (Col. 10-16)	3	11/16/20	3/13/21	12/9/20 A	3/13/21	
Skin Boiler		28	8/12/20 A	3/13/21	9/2/20 A	3/13/21	
IA.U3.A.1(	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	8/12/20 A	3/13/21	8/17/20 A	3/13/21	
IA.U3.A.1(	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	8/17/20 A	3/13/21	8/18/20 A	3/13/21	
IA.U3.A.11	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	8/19/20 A	3/13/21	8/20/20 A	3/13/21	
IA.U3.A.11	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	8/21/20 A	3/13/21	8/24/20 A	3/13/21	
IA.U3.A.11	Platform El. 61'4" (Col. 10-16)	1	8/25/20 A	3/13/21	8/26/20 A	3/13/21	
IA.U3.A.11	Platform El. 50'0" (Col. 10-16)	1	8/27/20 A	3/13/21	8/28/20 A	3/13/21	
IA.U3.A.11	Operating Fl. El. 34'0" (Col. 10-16)	2	8/29/20 A	3/13/21	8/31/20 A	3/13/21	
IA.U3.A.11	Mezz. Fl. El. 17'6" (Col. 10-16)	2	9/1/20 A	3/13/21	9/2/20 A	3/13/21	
Boiler Insulation Removal		22	10/10/20	3/13/21	12/9/20 A	3/13/21	
IA.U3.A.11	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	3	10/10/20	3/13/21	10/19/20	3/13/21	
IA.U3.A.11	ID & Fan Fl. El. 98'6" (Col. 10-16)	3	10/10/20	3/13/21	10/26/20	3/13/21	
IA.U3.A.11	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2	10/21/20	3/13/21	10/28/20	3/13/21	
IA.U3.A.11	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	10/21/20	3/13/21	10/28/20	3/13/21	
IA.U3.A.12	Platform El. 61'4" (Col. 10-16)	2	10/24/20	3/13/21	10/30/20	3/13/21	
IA.U3.A.12	Platform El. 50'0" (Col. 10-16)	2	10/24/20	3/13/21	11/2/20 A	3/13/21	
IA.U3.A.12	Operating Fl. El. 34'0" (Col. 10-16)	3	11/2/20 A	3/13/21	11/16/20	3/13/21	
IA.U3.A.12	Mezz. Fl. El. 17'6" (Col. 10-16)	3	11/16/20	3/13/21	12/9/20 A	3/13/21	
Final Clean		41	12/9/20 A	3/13/21	2/10/21	3/24/21	36
IA.U3.A.12	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	12/9/20 A	3/13/21	12/14/20	3/13/21	
IA.U3.A.12	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	12/9/20 A	3/13/21	12/16/20	3/13/21	
IA.U3.A.12	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	12/14/20	3/13/21	12/16/20	3/13/21	
IA.U3.A.12	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	12/16/20	3/13/21	2/5/21	3/19/21	36
IA.U3.A.12	Platform El. 61'4" (Col. 10-16)	1	2/6/21	3/19/21	2/6/21	3/20/21	36
IA.U3.A.12	Platform El. 50'0" (Col. 10-16)	1	2/8/21	3/20/21	2/8/21	3/22/21	36
IA.U3.A.13	Operating Fl. El. 34'0" (Col. 10-16)	1	2/9/21	3/22/21	2/9/21	3/23/21	36
IA.U3.A.13	Mezz. Fl. El. 17'6" (Col. 10-16)	1	2/10/21	3/23/21	2/10/21	3/24/21	36
Non-Friable Brick Removal		6	10/10/20	3/25/21	12/9/20 A	3/25/21	
IA.U3.A.13	Mezz. Fl. El. 17'6" (Col. 10-16)	1	11/19/20	3/25/21	12/9/20 A	3/25/21	
IA.U3.A.13	Operating Fl. El. 34'0" (Col. 10-16)	1	11/16/20	3/25/21	12/3/20 A	3/25/21	
IA.U3.A.13	Platform El. 50'0" (Col. 10-16)	1	10/24/20	3/25/21	11/2/20 A	3/25/21	
IA.U3.A.13	Platform El. 61'4" (Col. 10-16)	1	10/24/20	3/25/21	10/30/20	3/25/21	
IA.U3.A.13	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1	10/21/20	3/25/21	10/28/20	3/25/21	
IA.U3.A.13	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	10/21/20	3/25/21	10/28/20	3/25/21	
IA.U3.A.13	ID & Fan Fl. El. 98'6" (Col. 10-16)	1	10/10/20	3/25/21	10/26/20	3/25/21	
IA.U3.A.14	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1	10/10/20	3/25/21	10/19/20	3/25/21	
Unit 2		382	12/4/19 A	3/30/21	3/13/21	6/23/21	87
IA.U2.1000	Containment Breakdown	12	3/1/21	6/10/21	3/13/21	6/23/21	87
Prep - Unit 2		25	12/4/19 A	3/30/21	12/11/19	4/17/21	
IA.U2.P.10(	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	12/4/19 A	3/30/21	12/4/19 A	3/30/21	
IA.U2.P.101	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	12/5/19 A	4/17/21	12/5/19 A	4/17/21	



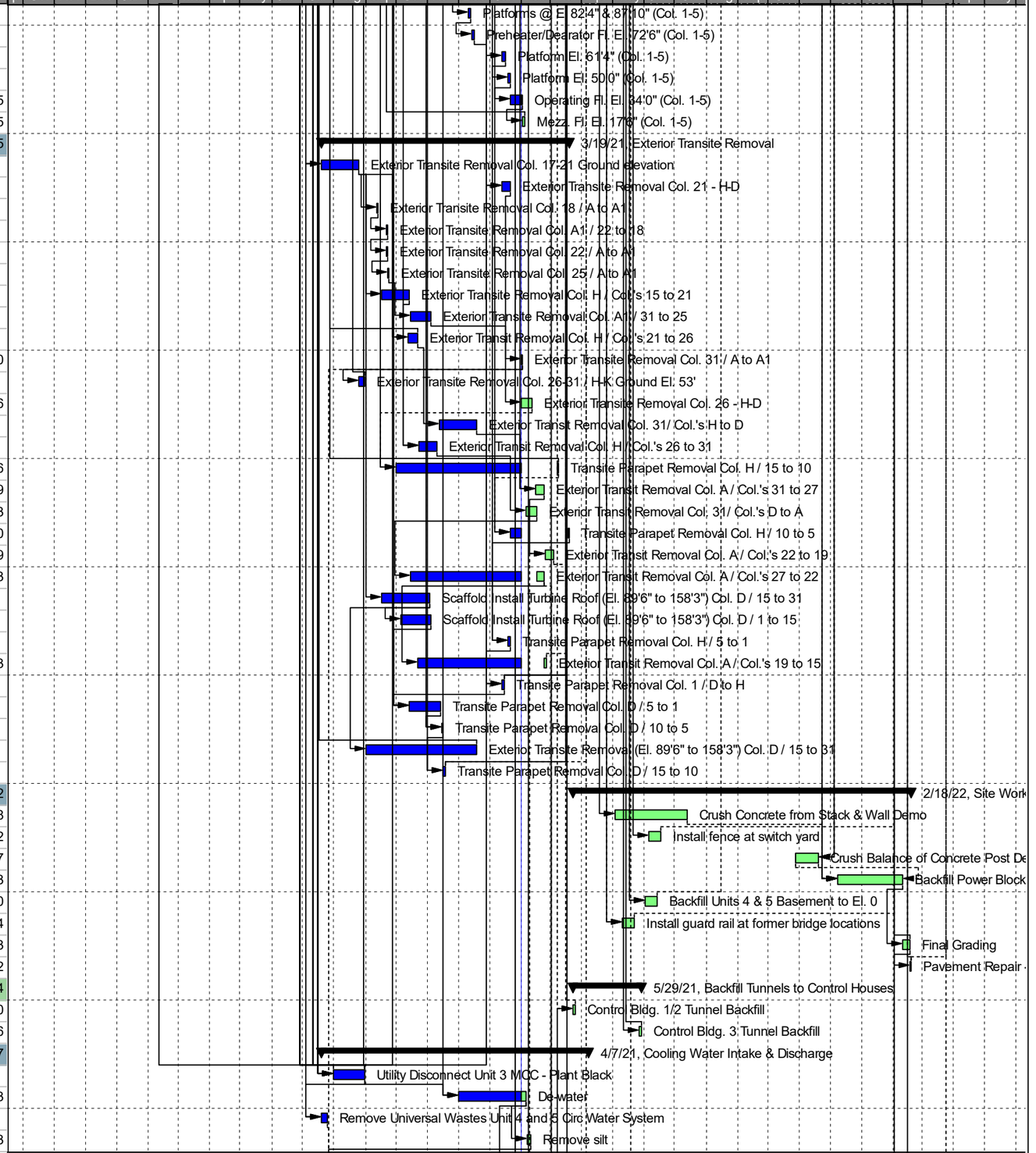
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
IA.U2.P.102	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	12/6/19 A	4/17/21	12/6/19 A	4/17/21	
IA.U2.P.103	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	12/7/19 A	4/17/21	12/7/19 A	4/17/21	
IA.U2.P.104	Platform El. 61'4" (Col. 5-16)	1	12/9/19 A	4/17/21	12/9/19 A	4/17/21	
IA.U2.P.105	Platform El. 50'0" (Col. 5-16)	1	12/9/19 A	4/17/21	12/9/19 A	4/17/21	
IA.U2.P.106	Operating Fl. El. 34'0" (Col. 5-16)	2	12/10/19	4/17/21	12/10/19	4/17/21	
IA.U2.P.107	Mezz. Fl. El. 17'6" (Col. 5-16)	2	12/11/19	4/17/21	12/11/19	4/17/21	
Containment - Unit 1/2		37	1/29/20 A	4/17/21	3/17/20 A	4/17/21	
IA.U2.C.100	Col. D Containment Wall	5	1/29/20 A	4/17/21	3/7/20 A	4/17/21	
IA.U2.C.101	Critical Misc. Openings	10	3/5/20 A	4/17/21	3/17/20 A	4/17/21	
Abate asbestos - Unit 2		114	9/15/20 A	4/17/21	2/20/21	6/10/21	93
IA.U2.A.132	Clearance	1	2/18/21	5/5/21	2/18/21	5/5/21	65
Accessible Friable ACM		33	10/10/20	4/17/21	11/24/20	4/17/21	
IA.U2.A.100	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3	10/10/20	4/17/21	10/19/20	4/17/21	
IA.U2.A.100	ID & Fan Fl. El. 98'6" (Col. 5-16)	3	10/10/20	4/17/21	10/26/20	4/17/21	
IA.U2.A.100	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	10/22/20	4/17/21	10/28/20	4/17/21	
IA.U2.A.100	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	10/22/20	4/17/21	10/28/20	4/17/21	
IA.U2.A.100	Platform El. 61'4" (Col. 5-16)	2	10/28/20	4/17/21	11/4/20 A	4/17/21	
IA.U2.A.100	Platform El. 50'0" (Col. 5-16)	2	10/28/20	4/17/21	11/4/20 A	4/17/21	
IA.U2.A.100	Operating Fl. El. 34'0" (Col. 5-16)	3	11/5/20 A	4/17/21	11/11/20	4/17/21	
IA.U2.A.100	Mezz. Fl. El. 17'6" (Col. 5-16)	3	11/11/20	4/17/21	11/24/20	4/17/21	
Skin Boiler		30	9/15/20 A	4/21/21	10/9/20 A	4/26/21	
IA.U2.A.100	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2	9/15/20 A	4/21/21	9/17/20 A	4/21/21	
IA.U2.A.110	ID & Fan Fl. El. 98'6" (Col. 5-16)	2	9/18/20 A	4/21/21	9/21/20 A	4/21/21	
IA.U2.A.110	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	9/21/20 A	4/21/21	9/23/20 A	4/21/21	
IA.U2.A.110	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	9/23/20 A	4/26/21	9/26/20 A	4/26/21	
IA.U2.A.110	Platform El. 61'4" (Col. 5-16)	1	9/28/20 A	4/21/21	9/30/20 A	4/21/21	
IA.U2.A.110	Platform El. 50'0" (Col. 5-16)	1	9/30/20 A	4/21/21	10/2/20 A	4/21/21	
IA.U2.A.110	Operating Fl. El. 34'0" (Col. 5-16)	2	10/2/20 A	4/22/21	10/6/20 A	4/22/21	
IA.U2.A.112	Mezz. Fl. El. 17'6" (Col. 5-16)	2	10/6/20 A	4/22/21	10/9/20 A	4/22/21	
Boiler Insulation Removal		24	10/10/20	4/26/21	11/24/20	4/26/21	
IA.U2.A.100	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3	10/10/20	4/26/21	10/19/20	4/26/21	
IA.U2.A.110	ID & Fan Fl. El. 98'6" (Col. 5-16)	3	10/10/20	4/26/21	10/26/20	4/26/21	
IA.U2.A.110	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2	10/22/20	4/26/21	10/28/20	4/26/21	
IA.U2.A.110	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2	10/22/20	4/26/21	10/28/20	4/26/21	
IA.U2.A.110	Platform El. 61'4" (Col. 5-16)	2	10/28/20	4/26/21	11/4/20 A	4/26/21	
IA.U2.A.112	Platform El. 50'0" (Col. 5-16)	2	10/28/20	4/26/21	11/4/20 A	4/26/21	
IA.U2.A.112	Operating Fl. El. 34'0" (Col. 5-16)	3	11/5/20 A	4/26/21	11/11/20	4/26/21	
IA.U2.A.112	Mezz. Fl. El. 17'6" (Col. 5-16)	3	11/11/20	4/26/21	11/24/20	4/26/21	
Final Clean		8	2/1/21	4/26/21	2/9/21	5/4/21	72
IA.U2.A.112	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	2/1/21	4/26/21	2/1/21	4/26/21	72
IA.U2.A.112	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	2/2/21	4/27/21	2/2/21	4/27/21	72
IA.U2.A.112	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	2/3/21	4/28/21	2/3/21	4/28/21	72
IA.U2.A.112	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	2/4/21	4/29/21	2/4/21	4/29/21	72
IA.U2.A.112	Platform El. 61'4" (Col. 5-16)	1	2/5/21	4/30/21	2/5/21	4/30/21	72
IA.U2.A.112	Platform El. 50'0" (Col. 5-16)	1	2/6/21	5/1/21	2/6/21	5/1/21	72
IA.U2.A.113	Operating Fl. El. 34'0" (Col. 5-16)	1	2/8/21	5/3/21	2/8/21	5/3/21	72
IA.U2.A.113	Mezz. Fl. El. 17'6" (Col. 5-16)	1	2/9/21	5/4/21	2/9/21	5/4/21	72
Non-Friable Brick Removal		13	10/10/20	6/8/21	2/20/21	6/10/21	93
IA.U2.A.113	Mezz. Fl. El. 17'6" (Col. 5-16)	1	11/11/20	6/8/21	2/19/21	6/8/21	93
IA.U2.A.113	Operating Fl. El. 34'0" (Col. 5-16)	1	11/5/20 A	6/9/21	2/20/21	6/9/21	93
IA.U2.A.113	Platform El. 50'0" (Col. 5-16)	1	10/28/20	6/10/21	11/4/20 A	6/10/21	
IA.U2.A.113	Platform El. 61'4" (Col. 5-16)	1	10/28/20	6/10/21	11/4/20 A	6/10/21	
IA.U2.A.113	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	10/22/20	6/10/21	10/28/20	6/10/21	



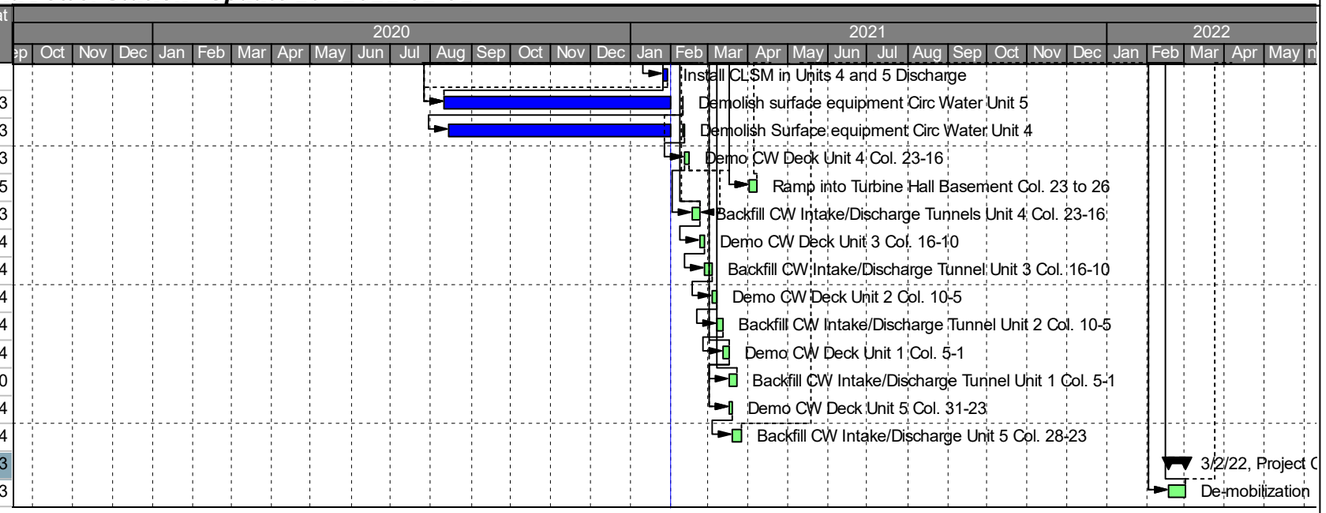
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
IA.U2.A.13	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	10/22/20	6/10/21	10/28/20	6/10/21	
IA.U2.A.13	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	10/10/20	6/10/21	10/26/20	6/10/21	
IA.U2.A.14	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	10/10/20	6/10/21	10/19/20	6/10/21	
Unit 1		369	12/4/19 A	4/17/21	2/27/21	6/9/21	87
Prep - Unit 1		22	12/4/19 A	4/17/21	12/13/19	4/17/21	
IA.U1.P1000	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	12/4/19 A	4/17/21	12/5/19 A	4/17/21	
IA.U1.P1010	ID & Fan Fl. El. 98'6" (Col. 1-5)	2	12/5/19 A	4/17/21	12/6/19 A	4/17/21	
IA.U1.P1020	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	12/7/19 A	4/17/21	12/7/19 A	4/17/21	
IA.U1.P1030	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	12/9/19 A	4/17/21	12/9/19 A	4/17/21	
IA.U1.P1040	Platform El. 61'4" (Col. 1-5)	1	12/10/19	4/17/21	12/10/19	4/17/21	
IA.U1.P1050	Platform El. 50'0" (Col. 1-5)	1	12/11/19	4/17/21	12/11/19	4/17/21	
IA.U1.P1060	Operating Fl. El. 34'0" (Col. 1-5)	2	12/12/19	4/17/21	12/12/19	4/17/21	
IA.U1.P1070	Mezz. Fl. El. 17'6" (Col. 1-5)	4	12/13/19	4/17/21	12/13/19	4/17/21	
Abate asbestos - Unit 1		120	9/15/20 A	4/17/21	2/27/21	6/9/21	87
Skin Boiler		61	9/15/20 A	4/21/21	10/9/20 A	4/22/21	
IA.U1.A10	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	2	9/15/20 A	4/21/21	9/17/20 A	4/21/21	
IA.U1.A10	ID & Fan Fl. El. 98'6" (Col. 1-5)	2	9/18/20 A	4/21/21	9/21/20 A	4/21/21	
IA.U1.A10	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	9/21/20 A	4/21/21	9/23/20 A	4/21/21	
IA.U1.A10	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	9/23/20 A	4/21/21	9/26/20 A	4/21/21	
IA.U1.A11	Platform El. 61'4" (Col. 1-5)	1	9/28/20 A	4/21/21	9/30/20 A	4/21/21	
IA.U1.A11	Platform El. 50'0" (Col. 1-5)	1	9/30/20 A	4/21/21	10/2/20 A	4/21/21	
IA.U1.A11	Operating Fl. El. 34'0" (Col. 1-5)	2	10/2/20 A	4/21/21	10/6/20 A	4/21/21	
IA.U1.A12	Mezz. Fl. El. 17'6" (Col. 1-5)	2	10/6/20 A	4/22/21	10/9/20 A	4/22/21	
Boiler Insulation Removal		42	12/2/20 A	4/21/21	2/8/21	4/24/21	65
IA.U1.A10	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3	12/2/20 A	4/21/21	12/9/20 A	4/21/21	
IA.U1.A11	ID & Fan Fl. El. 98'6" (Col. 1-5)	3	12/7/20 A	4/21/21	12/11/20	4/21/21	
IA.U1.A11	Platforms @ El 82'4" & 87'10" (Col. 1-5)	2	12/11/20	4/21/21	12/12/20	4/21/21	
IA.U1.A11	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	12/14/20	4/21/21	12/16/20	4/21/21	
IA.U1.A11	Platform El. 61'4" (Col. 1-5)	2	1/13/21 A	4/21/21	1/16/21 A	4/21/21	
IA.U1.A12	Platform El. 50'0" (Col. 1-5)	2	1/18/21 A	4/21/21	1/21/21 A	4/21/21	
IA.U1.A12	Operating Fl. El. 34'0" (Col. 1-5)	3	1/21/21 A	4/21/21	2/1/21	4/21/21	68
IA.U1.A12	Mezz. Fl. El. 17'6" (Col. 1-5)	3	2/5/21	4/22/21	2/8/21	4/24/21	65
Final Clean		8	2/9/21	4/26/21	2/17/21	5/4/21	65
IA.U1.A12	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	2/9/21	4/26/21	2/9/21	4/26/21	65
IA.U1.A12	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	2/10/21	4/27/21	2/10/21	4/27/21	65
IA.U1.A12	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	2/11/21	4/28/21	2/11/21	4/28/21	65
IA.U1.A12	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	2/12/21	4/29/21	2/12/21	4/29/21	65
IA.U1.A12	Platform El. 61'4" (Col. 1-5)	1	2/13/21	4/30/21	2/13/21	4/30/21	65
IA.U1.A12	Platform El. 50'0" (Col. 1-5)	1	2/15/21	5/1/21	2/15/21	5/1/21	65
IA.U1.A13	Operating Fl. El. 34'0" (Col. 1-5)	1	2/16/21	5/3/21	2/16/21	5/3/21	65
IA.U1.A13	Mezz. Fl. El. 17'6" (Col. 1-5)	1	2/17/21	5/4/21	2/17/21	5/4/21	65
Non-Friable Brick Removal		8	2/19/21	6/1/21	2/27/21	6/9/21	87
IA.U1.A13	Mezz. Fl. El. 17'6" (Col. 1-5)	1	2/19/21	6/1/21	2/19/21	6/1/21	87
IA.U1.A13	Operating Fl. El. 34'0" (Col. 1-5)	1	2/20/21	6/2/21	2/20/21	6/2/21	87
IA.U1.A13	Platform El. 50'0" (Col. 1-5)	1	2/22/21	6/3/21	2/22/21	6/3/21	87
IA.U1.A13	Platform El. 61'4" (Col. 1-5)	1	2/23/21	6/4/21	2/23/21	6/4/21	87
IA.U1.A13	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1	2/24/21	6/5/21	2/24/21	6/5/21	87
IA.U1.A13	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1	2/25/21	6/7/21	2/25/21	6/7/21	87
IA.U1.A13	ID & Fan Fl. El. 98'6" (Col. 1-5)	1	2/26/21	6/8/21	2/26/21	6/8/21	87
IA.U1.A13	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	2/27/21	6/9/21	2/27/21	6/9/21	87
Accessible Friable ACM		47	12/2/20 A	4/17/21	2/4/21	4/21/21	65
IA.U1.A10	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3	12/2/20 A	4/17/21	12/9/20 A	4/17/21	
IA.U1.A10	ID & Fan Fl. El. 98'6" (Col. 1-5)	3	12/7/20 A	4/17/21	12/11/20	4/17/21	



Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
IA.U1.A10	Platforms @ El 82'4" & 87'10" (Col. 1-5)	2	12/11/20	4/17/21	12/12/20	4/17/21	
IA.U1.A10	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2	12/14/20	4/17/21	12/16/20	4/17/21	
IA.U1.A10	Platform El. 61'4" (Col. 1-5)	2	1/13/21 A	4/17/21	1/16/21 A	4/17/21	
IA.U1.A11	Platform El. 50'0" (Col. 1-5)	2	1/18/21 A	4/17/21	1/21/21 A	4/17/21	
IA.U1.A11	Operating Fl. El. 34'0" (Col. 1-5)	3	1/21/21 A	4/17/21	2/1/21	4/17/21	65
IA.U1.A11	Mezz. Fl. El. 17'6" (Col. 1-5)	3	2/2/21	4/19/21	2/4/21	4/21/21	65
Exterior Transite Removal		151	7/20/20 A	3/19/21	3/19/21	1/12/22	235
TR.1000	Exterior Transite Removal Col. 17-21 Ground elevation	2	7/20/20 A	3/19/21	8/25/20 A	3/19/21	
TR.1010	Exterior Transite Removal Col. 21 - H-D	9	1/12/21 A	4/6/21	1/21/21 A	4/6/21	
TR.1020	Exterior Transite Removal Col. 18 / A to A1	1	9/12/20 A	3/19/21	9/13/20 A	3/19/21	
TR.1040	Exterior Transite Removal Col. A1 / 22 to 18	2	9/21/20 A	3/19/21	9/22/20 A	3/19/21	
TR.1050	Exterior Transite Removal Col. 22 / A to A1	1	9/21/20 A	3/19/21	9/22/20 A	3/19/21	
TR.1060	Exterior Transite Removal Col. 25 / A to A1	1	9/22/20 A	3/19/21	9/23/20 A	3/19/21	
TR.1070	Exterior Transite Removal Col. H / Col.'s 15 to 21	11	9/16/20 A	6/17/21	10/13/20	6/17/21	
TR.1090	Exterior Transite Removal Col. A1 / 31 to 25	3	10/15/20	3/19/21	11/4/20 A	3/19/21	
TR.1100	Exterior Transit Removal Col. H / Col.'s 21 to 26	11	10/13/20	4/20/21	10/22/20	4/20/21	
TR.1110	Exterior Transite Removal Col. 31 / A to A1	1	2/1/21	3/19/21	2/1/21	3/19/21	40
TR.1120	Exterior Transite Removal Col. 26-31 / H-K Ground El. 53'	3	8/25/20 A	4/27/21	8/31/20 A	4/27/21	
TR.1130	Exterior Transite Removal Col. 26 - H-D	10	2/1/21	4/6/21	2/11/21	4/17/21	56
TR.1160	Exterior Transit Removal Col. 31/ Col.'s H to D	11	11/12/20	5/6/21	12/18/20	5/6/21	
TR.1170	Exterior Transit Removal Col. H / Col.'s 26 to 31	11	10/23/20	6/17/21	11/9/20 A	6/17/21	
TR.1180	Transite Parapet Removal Col. H / 15 to 10	3	10/1/20 A	4/17/21	3/9/21	4/20/21	36
TR.1210	Exterior Transit Removal Col. A / Col.'s 31 to 27	8	2/15/21	5/6/21	2/23/21	5/14/21	69
TR.1220	Exterior Transit Removal Col. 31/ Col.'s D to A	9	2/5/21	6/17/21	2/16/21	6/28/21	113
TR.1230	Transite Parapet Removal Col. H / 10 to 5	3	1/21/21 A	5/28/21	3/19/21	5/28/21	60
TR.1260	Exterior Transit Removal Col. A / Col.'s 22 to 19	8	2/24/21	5/15/21	3/4/21	5/24/21	69
TR.1270	Exterior Transit Removal Col. A / Col.'s 27 to 22	8	10/15/20	6/28/21	2/22/21	7/3/21	113
TR.1280	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 15 to 31	15	9/17/20 A	5/29/21	11/2/20 A	5/29/21	
TR.1285	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 1 to 15	15	10/5/20 A	5/29/21	11/3/20 A	5/29/21	
TR.1290	Transite Parapet Removal Col. H / 5 to 1	3	1/18/21 A	5/29/21	1/20/21 A	5/29/21	
TR.1310	Exterior Transit Removal Col. A / Col.'s 19 to 15	4	10/22/20	1/7/22	2/25/21	1/11/22	263
TR.1320	Transite Parapet Removal Col. 1 / D to H	3	1/13/21 A	5/29/21	1/15/21 A	5/29/21	
TR.1330	Transite Parapet Removal Col. D / 5 to 1	3	10/14/20	5/29/21	11/13/20	5/29/21	
TR.1340	Transite Parapet Removal Col. D / 10 to 5	3	11/14/20	5/29/21	11/15/20	5/29/21	
TR.1350	Exterior Transite Removal (El. 89'6" to 158'3") Col. D / 15 to 31	8	9/1/20 A	1/12/22	12/18/20	1/12/22	
TR.1360	Transite Parapet Removal Col. D / 15 to 10	3	11/16/20	5/29/21	11/18/20	5/29/21	
Site Work		274	3/23/21	7/8/21	2/18/22	4/8/22	42
SW.1010	Crush Concrete from Stack & Wall Demo	60	5/4/21	11/4/21	7/13/21	1/25/22	158
SW.1030	Install fence at switch yard	10	6/5/21	3/17/22	6/17/21	3/28/22	232
SW.1040	Crush Balance of Concrete Post Demo	20	10/27/21	1/26/22	11/19/21	2/17/22	67
SW.1050	Backfill Power Block	45	12/8/21	1/26/22	2/9/22	3/19/22	33
SW.1055	Backfill Units 4 & 5 Basement to El. 0	10	6/2/21	9/27/21	6/14/21	10/7/21	100
SW.1060	Install guard rail at former bridge locations	10	5/11/21	3/17/22	5/22/21	3/28/22	254
SW.1070	Final Grading	7	2/9/22	3/21/22	2/17/22	3/28/22	33
SW.1080	Pavement Repair - if required	1	2/17/22	4/8/22	2/18/22	4/8/22	42
Backfill Tunnels to Control Houses		58	3/23/21	7/8/21	5/29/21	1/11/22	184
SW.1000	Control Bldg. 1/2 Tunnel Backfill	2	3/23/21	1/10/22	3/25/21	1/11/22	240
SW.1020	Control Bldg. 3 Tunnel Backfill	2	5/27/21	7/8/21	5/29/21	7/9/21	36
Cooling Water Intake & Discharge		201	7/20/20 A	3/10/21	4/7/21	1/8/22	227
CW.1000	Utility Disconnect Unit 3 MCC - Plant Black	30	7/31/20 A	3/10/21	8/31/20 A	3/10/21	
CW.1010	De-water	10	12/1/20 A	3/10/21	2/5/21	3/16/21	33
CW.1020	Remove Universal Wastes Unit 4 and 5 Circ Water System	2	7/20/20 A	3/19/21	7/25/20 A	3/19/21	
CW.1030	Remove silt	3	2/6/21	3/16/21	2/9/21	3/19/21	33



Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float
CW.1040	Install CLSM in Units 4 and 5 Discharge	8	1/25/21 A	3/19/21	1/29/21 A	3/19/21	
CW.1050	Demolish surface equipment Circ Water Unit 5	3	8/11/20 A	3/19/21	2/10/21	3/20/21	33
CW.1060	Demolish Surface equipment Circ Water Unit 4	3	8/15/20 A	3/20/21	2/11/21	3/20/21	33
CW.1070	Demo CW Deck Unit 4 Col. 23-16	3	2/11/21	3/22/21	2/15/21	3/24/21	33
CW.1075	Ramp into Turbine Hall Basement Col. 23 to 26	4	4/2/21	5/25/21	4/7/21	5/28/21	45
CW.1080	Backfill CW Intake/Discharge Tunnels Unit 4 Col. 23-16	5	2/17/21	3/27/21	2/23/21	4/1/21	33
CW.1090	Demo CW Deck Unit 3 Col. 16-10	3	2/23/21	6/12/21	2/26/21	6/15/21	94
CW.1100	Backfill CW Intake/Discharge Tunnel Unit 3 Col. 16-10	5	2/26/21	6/16/21	3/4/21	6/21/21	94
CW.1110	Demo CW Deck Unit 2 Col. 10-5	3	3/4/21	6/22/21	3/8/21	6/24/21	94
CW.1120	Backfill CW Intake/Discharge Tunnel Unit 2 Col. 10-5	5	3/8/21	6/25/21	3/13/21	6/30/21	94
CW.1130	Demo CW Deck Unit 1 Col. 5-1	3	3/13/21	7/1/21	3/17/21	7/3/21	94
CW.1140	Backfill CW Intake/Discharge Tunnel Unit 1 Col. 5-1	5	3/17/21	1/4/22	3/23/21	1/8/22	240
CW.1150	Demo CW Deck Unit 5 Col. 31-23	3	3/17/21	7/5/21	3/20/21	7/7/21	94
CW.1160	Backfill CW Intake/Discharge Unit 5 Col. 28-23	6	3/20/21	7/8/21	3/27/21	7/14/21	94
Project Completion		10	2/17/22	3/29/22	3/2/22	4/8/22	33
PC.1000	De-mobilization	10	2/17/22	3/29/22	3/2/22	4/8/22	33



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

ATTACHMENT C

AQ-SC3
AIR QUALITY CONSTRUCTION COMPLIANCE SUMMARY
JANUARY 2021

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 Power I, LLC for the licensed Carlsbad Energy Center Project
PREPARED BY:	George Piantka, NRG Energy, Inc.
DATE:	February 11, 2021
COMPLIANCE PERIOD:	January 2021

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

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

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

Demolition activities involving interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior occurred during January 2021.

The demolition contractor requested through the Encina Power Station Air Quality Construction Mitigation Manager (AQCMM) Tier 3 engine relief/variance from Condition of Certification AQ-SC5 for a specialized excavator. The modified and retrofitted Liebherr 984C-ER excavator was designed and engineered over the course of several years to specifically meet and eliminate the safety concerns encountered during the demolition of power plants. The Tier 3 engine relief/variance was requested to allow the Liebherr 984C-ER excavator with (1) a retrofitted boom to reach and demolish commercial sized structural members 140' away from the operator, (2) a specially designed and reinforced operator cab cage with shatter proof glass to provide a safe working environment for the operator, and (3) hydraulic and shearing modifications to allow for the cutting and dismantling of commercial sized structural members at a safe distance be approved for use as the necessary equipment for safe and efficient demolition of the Encina.. The Liebherr 984C-ER excavator is expected to be the primary demolition machine onsite, and is scheduled to be onsite for several months, starting in late April/early May 2021. The CEC approved the relief/variance request on January 21, 2021.

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Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

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 January 2021. Therefore, no additional control measures were implemented for fugitive dust. Demolition activities that entailed cutting operations utilized control measures including industrial fans and limitations to the duration of cutting events to reduce visible and odor causing emissions. A single complaint of odor and burning eyes was made to the San Diego Air Pollution Control District (SDAPCD) from a jogger running on Carlsbad Boulevard on January 19, 2021. The project's demolition contractor was cutting the Unit 3 stator with a smaller propane/oxygen torch within the powerblock building. Industrial fans were used during torch cutting of the stator to help dissipate potential odors. Cutting was also done intermittently to minimize potential for accumulation of odors or visible emissions. This specific cutting work was conducted from January 19-26, 2021, and no other complaints were reported during this period. This single complaint in January 2021 and previous complaints from cutting operations received during October and November of 2020 from the adjoining commercial/industrial neighbors have been addressed and recorded in the NOISE-2/COM-11 log. No deviations from conditions AQ-SC3 or AQ-SC4 occurred during the compliance period.

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

Diesel Equipment Compliance Measures

Diesel-fueled engines subject to the AQCMP and used during this compliance period that met the diesel equipment compliance measures were tagged by the Air Quality Construction Mitigation Manager (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.

Cabrillo Power I, LLC
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Carlsbad, CA 92008

- 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.

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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
07/13/2020	UK9P58	Z62H-4439	Genie 62' Manlift	Deutz, KDZXL02.9021, D2.9L4, 2.9L, SN: 12372450	50	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

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08/19/2020	LA3M33	0300263462	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12368578	74	4	Sunbelt BISCO
08/19/2020	GJ7H96	S85XCH-1749	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12359930	74	4	Sunbelt BISCO
09/08/2020	VP9E67	JCB5CH2GJG2435628	JCB 12K Lull	JCB, GJCBL04.4S09 2.9, SN: SJ320/40919	109	4	Sunbelt BISCO
09/20/2020	FF8U93	10167	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2017 04 2818	326	4	BISCO
09/23/2020	XU6N58	2577075	JCB 6K Forklift	JCB, HJCBL04.4TA5 2.9, SN: SJ320/40925U1890 317	74	4	Sunbelt Pullman

Cabrillo Power I, LLC
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Carlsbad, CA 92008

Attachment A
Air Quality Control Checklists

AQCMP or designee name: Tommy Brister

Date: 1/11/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/11/2021

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:**

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

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

Date: 1/11/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/12/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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: 1/12/2021

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: 1/12/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/13/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site concitions 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: 1/13/2021

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: 1/13/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/14/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/14/2021

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 additicnal 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:**

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

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

Date: 1/14/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/15/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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: 1/15/2021

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:**

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

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

Date: 1/15/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/16/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/16/2021

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: 1/16/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: TRS

Date: 1/18/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Sisk AQCMP or designee signature: TRS

Date: 1/18/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: TAS

Date: 1/19/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Bisk AQCMP or designee signature: TBS

Date: 11/19/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: TRS

Date: 1/20/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Sisk AQCMP or designee signature: JRS

Date: 1/20/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: TRS

Date: 1/21/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues on Site
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Dick AQCMP or designee signature: TRS

Date: 1/27/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature: TRS

Date: 1/22/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues On Site
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Bisk AQCMP or designee signature: TB

Date: 1/22/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Timothy Sisk AQCMP or designee signature:

Date: 1/23/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Requirements

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

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

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

Date:

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

Definition of Areas	**Requirement**	**Specific Location / Area:**
Identify Area	200 feet beyond the centerline of the construction of linear facilities	NO ISSUES
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	

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

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

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name: Tim Sisk AQCMP or designee signature: TRS

Date: 1/28/21

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

AQCMP or designee name: Tommy Brister

Date: 1/25/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/25/2021

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: 1/25/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/26/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/26/2021

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: 1/26/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/27/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

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

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: 1/27/2021

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: 1/27/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/28/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/28/2021

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: 1/28/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/29/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/29/2021

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: 1/29/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

AQCMP or designee name: Tommy Brister

Date: 1/30/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

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

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: 1/30/2021

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: 1/30/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

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

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

Attachment B
Diesel Engine Tier and Maintenance Documentation

Brandenburg®

February 4th, 2021 Project Code: MA0842

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

Attn: Tim Sisk
Environmental Manager

Subject: Maintenance and Inspection of Equipment

Dear Mr. Sisk:

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

Please let me know if any further information is required.

Best regards,

Liam J Campbell

Liam Campbell
Brandenburg Industrial 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: January

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
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	7/28/2020	12/18/2020	1728987 (PERP)
3356-12 (Rental)	Green; #18 /15/2020	12k Lull	7/13/2020	9/8/2020	WH8P44
25225	Green; #13; 02/24/2020	Komatsu WA500 Loader	2/21/2020		BT4G48

41956	Green; #14; 03/16/2020	Bobcat S770	3/16/2020	7/15/2020	N/A
04075	N/A	Generator	3/16/2020		N/A
00981	Green; #14 3/16/2020	Generator	3/16/2020		N/A
10263	Green; #20 7/28/2020	Liebherr 926 Track Excavator	7/27/2020		RP6M67
P1032915 (Rental)	N/A	Water Truck	7/29/2020		N/A
10185986	Green; #23 08/19/2020	80’ Manlift	8/19/2020		WP5U33
10131906	Green; #22 08/19/2020	80’ Manlift	8/19/2020		LA3M33
10191443	Green; #24 08/20/2020	80’ Manlift	8/19/2020		GJ7H96
1018483	Green; #21 08/14/2020	180’ Manlift	8/14/2020		KW7Y76
79660	N/A	320 KW Diesel Generator	8/31/2020		PP6408
40919	Green; #25 09/08/2020	12k Lull	9/08/2020		VP9E67
46417	Green; #28 09/27/2020	Liebherr R956 Track Excavator	9/26/2020		XG3J59
45156	Green; #26 09/22/2020	Liebherr R956 Track Excavator	9/21/2020		FF8U93
	N/A	Dump Truck	1/15/2021		N/A
00989	N/A	Doosan G70 Generator	12/14/2020		N/A
30466	N/A	Doosan G70 Generator	12/14/2020		N/A
00271	N/A	60 Kw Generator	1/12/2021		N/A

PULLMAN

A Structural Group Company

February 10, 2021

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

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

Dear Mr. GaNun:

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

Please let me know if additional information is required.

Best regards,

Joshua Muder, PMP

PULLMAN

A Structural Group Company

Job Name: Brandenburg for NRG Encina Power Chimney Demo

Job #: 549175

Month Ending: December 2020

Equipment Number	Tier 4 Inspection	Description	Equipment Move On	Equipment Move Off	EIN #
1056469	Green, #27, 9/28/2020	6K Forklift	9/28/20	-	XU6N58
1058839	**N/A**	375 CFM Air Compressor	9/28/20	-	178108

*The 375 CFM Air Compressor does not have a Tier 4 Inspection sticker.

ATTACHMENT D

BIO-6
PHASE IV BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
JANUARY 2021

Cabrillo Power I LLC

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

January 2021 Reporting Period

February 2021

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 January 1 through January 31, 2021, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0 BIOLOGICAL MONITORING SUMMARY

This section summarizes biological monitoring activities conducted during the January 2021 reporting period. Demolition mobilization began November 2019, and the start of demolition began on January 29, 2020.

Biological monitoring by the Designated Biologist is conducted monthly (one visit every month) outside of the nesting season, since avian activity has decreased throughout the site. The Biological Resources Compliance Monitoring Log is provided in Appendix A. A list of wildlife species observed during the monitoring events is included in Appendix B. Wildlife Observation Forms (WOF) are included in Appendix C.

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

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

2.1 NESTING BIRDS

No active nests were observed during the January 2021 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 January 2021 reporting period, which included the following: California brown pelican (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]), California gull (*Larus californicus*; CDFW Watch List [WL]); double-crested cormorant (*Phalacrocorax auratus*; CDFW WL), and great egret (*Ardea alba*; California Department of Forestry [CDF] Sensitive [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. The WOF is provided in Appendix C.

2.4.2 Other Species

On January 12, 2021, a deceased opossum (*Didelphis virginiana*) was found in the drainage system. No additional 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, including wind-blown, was observed during the biological monitoring visit. 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 Log

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
January 29, 2020	Melissa Fowler	10:00-12:30

Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
56	50	9	Y, 0.77"[1]	Good (10.0 mi)	50-100% 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:

- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- A California gull (*Larus californicus*; CDFW Watch List [WL]) was observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW WL) were observed within the project vicinity.
- A great egret (*Ardea alba*; 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:

- Litter was observed within the EPS site. A litter removal request was submitted to the contractor.
- No additional observations were noted.

[1]Precipitation amount: https://www.wunderground.com/history/daily/us/ca/carlsbad/KCRQ/date/2021-1-29

Items Requiring Action/Follow-up

- A litter removal request was submitted to the contractor.

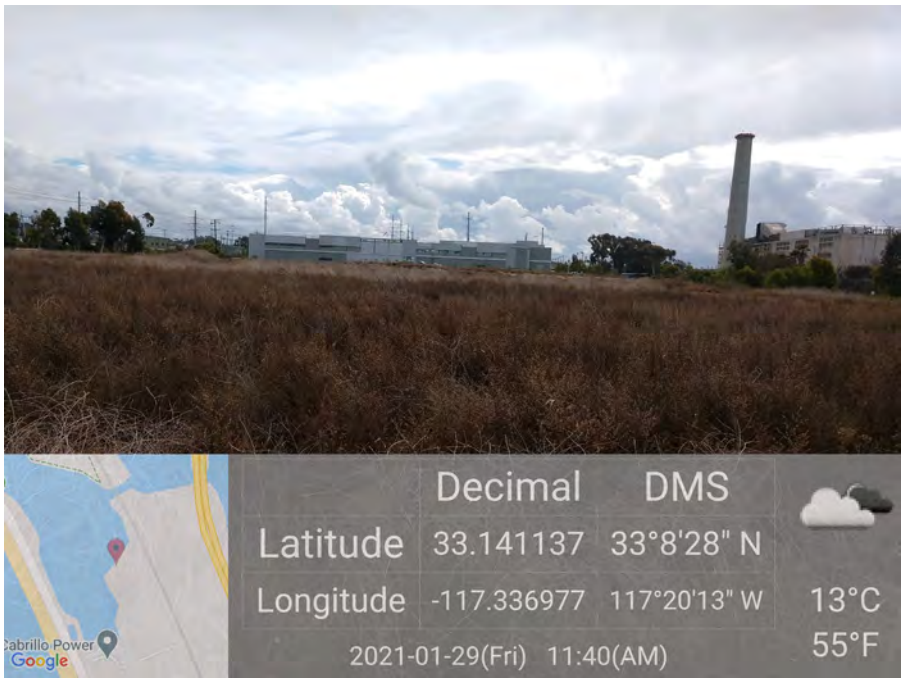
Wildlife Species Observed

American crow (*Corvus brachyrhynchos*), American kestrel (*Falco sparverius*), black phoebe (*Sayornis nigricans*), California brown pelican, California gull, Canada goose (*Branta canadensis*), double-crested cormorant, European starling (*Sturnus vulgaris*), great egret, Heermann's gull (*Larus heermanni*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), Say's phoebe (*Sayornis saya*), song sparrow (*Melospiza melodia*), western gull (*Larus occidentalis*), white-crowned sparrow (*Zonotrichia leucophrys*), and yellow-rumped warbler (*Setophaga coronata*).

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

Photo 2			
			
Location	EPS site	**Description**	Insulation scrap was observed, and a clean-up request was submitted.

Photo 3			
			
Location	EPS site	**Description**	An overfilled trash can was observed, and a request was submitted to empty the receptacle.

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

Appendix B
Observed Wildlife Species List

Observed Wildlife Species List January 2021
Encina Power Station

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	*Corvus brachyrhynchos*	--/--/--
American kestrel	*Falco sparverius*	--/--/--
Black phoebe	*Sayornis nigricans*	--/--/--
California brown pelican	*Pelecanus occidentalis californicus*	--/FP/--
California gull	*Larus californicus*	--/WL/--
Canada goose	*Branta canadensis*	--/--/--
Double-crested cormorant	*Phalacrocorax auratus*	--/WL/--
European starling	*Sturnus vulgaris*	--/--/--
Great egret	*Ardea alba*	--/--/CDF: S
Heermann's gull	*Larus heermanni*	--/--/--
House finch	*Haemorhous mexicanus*	--/--/--
Mourning dove	*Zenaida macroura*	--/--/--
Say's phoebe	*Sayornis saya*	--/--/--
Song sparrow	*Melospiza melodia*	--/--/--
Western gull	*Larus occidentalis*	--/--/--
White-crowned sparrow	*Zonotrichia leucophrys*	--/--/--
Yellow-rumped warbler	*Setophaga coronata*	--/--/--
Mammals		
Virginia opossum	*Didelphis virginiana*	--/--/--

Source:
California Department of Fish and Wildlife (CDFW), Natural Diversity Database. November 2020. Special Animals List. Periodic publication. 116 pp.

Status Codes:
If status codes are not provided, it indicates that the observed species is not a special-status species.
Federal:
FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range
FT = Federally listed Threatened: species likely to become endangered within the foreseeable future
BCC = Birds of Conservation Concern
State:
SE = State listed as Endangered
ST = State listed as Threatened
FP = Fully Protected
CSC = California Species of Special Concern Species of concern to California Department of Fish and Wildlife (CDFW) because of declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.
S = Sensitive
WL = Watch List
SP = Special Animals List
Other:
- Bureau of Land Management (BLM), United States Department of Interior – Sensitive (S)
- California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.
- North American Bird Conservation Initiative (NABCI) - Red Watch List (RWL)
- United States Forest Service (USFS) – Sensitive (S)

Appendix C
Wildlife Observation Forms

NRG Energy Encina Power Station (EPS)

Wildlife Observation Form (WOF)

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities and to document predation events. If nesting birds, dead and/or injured wildlife have been identified, please contact Melissa Fowler/Designated Biologist (DB) at (714) 768-1173 or melissa.n.fowler@gmail.com.

Date	Observer	Observer's Employer
January 12, 2021	Madeline Johnson	BISCO

Location of Observation

Drainage system

Wildlife Species	Condition of Wildlife (alive/dead)
Virginia opossum (*Didelphis virginiana*)	Dead

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Unknown

Current Location of Animal

The carcass was disposed of per site guidelines.

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	X	N/A	

If Yes, Explain

Additional Comments

The observer contacted the Designated Biologist immediately and was provided instructions for carcass removal.

ATTACHMENT E

CUL-5 AND PAL-5
CERTIFICATION OF COMPLETION,
WORKER ENVIORNMENTAL AWARENESS PROGRAM,
JANUARY 2021

No WEAP training required in January 2021

ATTACHMENT F

CUL-6/PAL-6
PALEONTOLOGICAL RESOURCE MONITORING
JANUARY 2021

No monitoring required in January 2021

ATTACHMENT G

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

Encina Power Station Demolition
Noise Hotline Calls
September 2019 through January 2021

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

Encina Power Station Demolition
Noise Hotline Calls
September 2019 through January 2021

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

Encina Power Station Demolition
Noise Hotline Calls
September 2019 through January 2021

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

ATTACHMENT H

TRANS-5
ROADWAY INSPECTION
JANUARY 2021

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

ATTACHMENT I

TRANS-6
TRANSPORTATION PERMITS
JANUARY 2021

ATTACHMENT J
TRANS-8
TRAFFIC ENCROACHMENT PERMITS
JANUARY 2021

No traffic encroachment permits were obtained in January 2021

ATTACHMENT K

SOIL&WATER-2
CONSTRUCTION WATER USAGE SUMMARY

SOIL&WATER-9
WASTEWATER SUMMARY

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

Water use Summary, January 2021.

Phase IV Demolition (Started December 2019)
Potable Water Used*: 21,168 gallons
Reclaim Water Used**: 64,950 gallons

Completed Phase(s)

Phase I Demolition (Completed December 2016)
Potable Water Used: 612,700 gallons
Reclaim Water Used: 0 gallons

Phase II Construction Total Water Use (Completed December 2018)
Potable Water Used: 6,575,440 gallons
Reclaim Water Used: 13,145,265 gallons

Phase III Decommissioning (Completed December 2019)
Potable Water Used*: 0 gallons
Reclaim Water Used**: 0 gallons

Cumulative Water Use Phase I, II, III, IV
Potable Water Used: 7,388,754 gallons
Reclaim Water Used: 13,380,015 gallons

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

**Reclaim use includes dust control and compaction.

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

Wastewater Generation and Disposal Summary
Construction Phase

ACECP did not generate or dispose of any wastewater offsite in January 2021.

ATTACHMENT L

GEN-2 and TSE-1
MASTER DRAWING LIST UPDATE
JANUARY 2021

No master drawing list exists for demolition in January 2021

ATTACHMENT M

GEN-3
PROOF OF PAYMENT TO DCBO
JANUARY 2021

ATTACHMENT N

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

JANUARY 2021

No DCBO approvals or inspections were conducted for demolition in January 2021

LIST OF DCBO PLAN APPROVALS AND INSPECTIONS JANUARY 2021

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

CBO Package No.	Date Submitted	Description	COC

CBO MECHANICAL INSPECTIONS
JANUARY 2021

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

WORKER SAFETY-3
CONSTRUCTION SAFETY SUPERVISOR
MONTHLY SAFETY REPORT & SAFETY INCIDENTS
JANUARY 2021

Worker Safety-3 Incident –

On January 22, 2021, demolition contractor Brandenburg Industrial Services Corporation (BISCO) had a crewmember working inside the asbestos containment area removing boiler refractory when the individual was struck in the hip by a section of pipe that had been cut by another crewmember. The incident resulted in an OSHA recordable injury. The incident is still under investigation. A Root Cause Analysis has been submitted to the CEC separately in accordance with Condition of Certification COM-13.

Brandenburg®

February 1, 2021 Project Code: MA0842

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

Attn: Tim Sisk
Environmental Manager

Subject: Monthly Onboarding

Dear Mr. Sisk:

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

Please let me know if any further information is required.

Best regards,

Liam J Campbell

Liam Campbell
Brandenburg Industrial Services Co.

Brandenburg®

Job Name: NRG Encina PowerStation

Job #: MA0842

Month Ending: January 2021

Monthly OnBoarding	
Name	**Training Date**
Bacilio Lopez - Brandenburg	1/12/2021
Anthony Padilla – Brand Safeway	1/18/2021
Adrian Garcia Larza - Brandenburg	1/20/2021
Edgar Bojorquez Sanchez - Brandenburg	1/20/2021
Joel Rojas - Brandenburg	1/25/2021
Orlando Gonzalez - Brandenburg	1/27/2021
Linda Suarez - Brandenburg	1/27/2021

MONTHLY SAFETY REPORT

February 1, 2021

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

During the month of December a total of 7 employees completed site training for the Encina Power Station demolition project. Trained personnel consists of employees from Brandenburg and Brand Safeway.

Brandenburg had 18 working days in the month of January. 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 annual safety topic training for all employees covering respiratory protection and annual fit testing.

Brandenburg completed two Stand Down Training focusing on confined space and emergency rescue.

Brandenburg management completed 27 documented safety related inspections.

Brandenburg completed 295 Safety Observations (SOS submittals) for the month of January. See attached documents that review the specific data of these observations.

Brandenburg one lost time incident for the month of January.

Benjamin Gallina - BISCO Project Safety Manager

ATTACHMENT P

WORKER SAFETY-4
CBO SAFETY MONITOR INSPECTION
MONTHLY SAFETY REPORT
JANUARY 2021

No DCBO safety inspections were conducted for demolition in January 2021

ATTACHMENT Q

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

No non-conformance reports for demolition in January 2021