DOCKETED						
Docket Number:	07-AFC-06C					
Project Title:	Carlsbad Energy Center - Compliance					
TN #:	233006					
Document Title: Monthly Compliance Report For April 2020						
Description:	Monthly Compliance Report For Encina Power Station Demolition- April 2020					
Filer:	Anwar Ali					
Organization:	Carlsbad Energy Center LLC					
Submitter Role:	Commission Staff					
Submission Date:	5/18/2020 9:57:10 AM					
Docketed Date:	5/18/2020					



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

May 7, 2020

Mr. Anwar Ali Compliance Project Manager 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 APRIL 2020, MONTHLY COMPLIANCE REPORT

Dear Mr. Ali:

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

• Biological Resources Monthly Compliance Report

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended indefinitely on March 20, 2020. Demolition-related equipment and activities were placed in a safe-condition and storm water best management practices confirmed prior to the suspension of demolition. Demolition activities will recommence following the release of the California State of Emergency and associated health and safety restrictions.

There were no demolition activies or demolition related employees on-site in April 2020. Weekly biological surveys and one required monthly Construction Stormwater inspection was conducted in April 2020.

The Project Owner did respond via email on April 28, 2020 to a local community member who raised concerns (TN Number 232823) regarding a resident pair of Peregrine Falcons which nest within the transformer bay superstructure contained within the power block. The Project Owner communicated that the Designated Biologist had identified the nest, and had instituted protection of the nest measures per the Biological Resources Mitigation Implementation and Monitoring Plan and the requirements found in the California Energy Commission license. Specifically, an Environmentally Sensitive Area (ESA) buffer has been established in the vicinity of Peregrine Falcon nest to avoid disturbance of the adults or fledglings and to prevent any activity from commencing within the area until the nestlings have fledged. Further information regarding the Designated Biologist's surveys and efforts relating to the management of the Peregrine Falcon nest can be found in this Monthly Compliance Report- Attachment D - Biological Resources Monthly Compliance Report.

Mr. Anwar Ali May 7, 2020

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

Sincerely,

Care I Ball

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

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



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

April 2020

Submitted by: Cabrillo Power I LLC Date Submitted: 05-07-2020

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Attachment C	AQ-SC3: Air Quality Construction Compliance Summary, April 2020
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Attachment Q	CIVIL-3 and STRUC-2: Non-Conformance Report Log

I. Summary

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

a. Demolition Status

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

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended indefinitely on March 20, 2020. Demolition-related equipment and materials were placed in a safe-condition and storm water best management practices were confirmed prior to the suspension of demolition.

There were no demolition activities or safety inspections conducted in April 2020; only weekly Biological Surveys and a monthly Construction Storm Water inspection was conducted. No Project Owner staff or demolition contractors were onsite during the month. Demolition activities will recommence following the release of the California State of Emergency and associated health and safety restrictions.

b. Revised/Updated Schedule

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

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

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

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

II. List of documents submitted to meet specific conditions

- a. AQ-SC2: Air Quality Demolition Mitigation Plan
- b. AQ-SC3: Construction Fugitive Dust Control Air Quality Compliance Monthly Report. *Not conducted in April 2020 due to COVID-19*
- c. AQ-SC4: Dust Plume Response Requirement Air Quality Compliance Monthly Report. *Not conducted in April 2020 due to COVID-19*
- d. AQ-SC5: Diesel-Fueled Engine Control Air Quality Compliance Monthly Report. *Not conducted in April 2020 due to COVID-19*
- 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 Plani. 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
- I. 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 1/28/2020 (4th Revision Notice)

III. Updated Compliance Matrices

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

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

Air Quality: AQ-SC3, AQ-SC4, and AQ-SC5 - Air Quality Construction Compliance inspections and report. See **Attachment C**. *Not conducted in April 2020 due to COVID-19*

AQ-SC12 - Provide status on the start and conclusion of each phase of work. See **Attachment C**. *Not conducted in April 2020 due to COVID-19*

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

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

WORKER SAFETY-3: Construction Safety Supervisor Monthly Report. See **Attachment O**. *Not conducted in April 2020 due to COVID-19*

WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report. See **Attachment P**. *Not conducted in April 2020 due to COVID-19*

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

None

VI. Cumulative list of approved changes to conditions of certification

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

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

None

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

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

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

IX. Additions to on-site compliance file

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

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

No violations, official warnings, or citations related to the demolition of the Encina Power Station were received in April 2020. A summary table

of calls logged and responded to will be included, as applicable, in $\ensuremath{\textbf{Attachment G}}$.

ATTACHMENT A

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

Due to the COVID-19 pandemic there were no demolition activities in April 2020. A revised compliance matrix will be provided following commencement of demolition.

ATTACHMENT B

COMPLIANCE-6 PROJECT SCHEDULE APRIL 2020

Due to the COVID-19 pandemic there were no demolition activities in April 2020. A revised project schedule will be provided following commencement of demolition.

ATTACHMENT C

AQ-SC3 AIR QUALITY CONSTRUCTION COMPLIANCE SUMMARY APRIL 2020

Due to the COVID-19 pandemic there were no demolition activities or air quality inspections in April 2020.

ATTACHMENT D

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

Cabrillo Power I LLC

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

April 2020 Reporting Period

May 2020

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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 April 1 through April 30, 2020, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0 BIOLOGICAL MONITORING SUMMARY

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

Biological monitoring by the Designated Biologist is conducted on a weekly basis (one visit per week) during the nesting season (generally February 1st through August 31st). The Biological Resources Compliance Monitoring Log is provided in Appendix A. A list of wildlife species observed during the monitoring events are included in Appendix B. Wildlife Observation Forms (WOFs) are provided 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 weekly basis, as well as oncall monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site. The demolition contractor is currently offsite because of the coronavirus outbreak.

All on-site staff receive WEAP training prior to start of work. The hardcopy sign-in training logs for April 2020 will be submitted separately.

2.1 NESTING BIRDS

On March 13, 2020, the American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed near the top of the electrical transmission bay. The Environmentally Sensitive Area (ESA) remains in place. On April 30, 2020, the female American peregrine falcon was observed in an incubation position. The potential nest location will continue to be monitored and observations will be documented.

Nesting behaviors were observed in several species, which are included in Appendix A. A list of wildlife species observed during the monitoring events are provided in Appendix B.

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2.3 SPECIAL-STATUS SPECIES

Nine special-status avian species were observed during the April 2020 reporting period, which included the following: American peregrine falcon, California brown pelican (*Pelecanus occidentalis californicus*; CDFW FP), California gull (*Larus californicus*; CDFW Watch List [WL]), California horned lark (*Eremophila alpestris actia*; CDFW WL), Cooper's hawk (*Accipiter cooperii*; CDFW WL), double-crested cormorant (*Phalacrocorax auratus*; CDFW WL), great blue heron (*Ardea herodias*; CDF S), great egret (*Ardea alba*; CDF S), and osprey (*Pandion haliaetus*; CDFW WL; CDF S). California Natural Diversity Database (CNDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDB data submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are not added (CDFW, 2016)¹. Once a successful American peregrine falcon nest is confirmed, a CNDDB form will be completed and submitted to CDFW.

2.4 WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES

2.4.1 Migratory Bird Treaty Act Protected Species

On April 24, 2020, a deceased mourning dove (*Zenaida macroura*) was found inside the EPS building. No additional 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 associated WOF is provided in Appendix C.

2.4.2 Other Species

On April 30, 2020, a deceased European starling (*Sturnus vulgaris*) was found on the northern side of the water treatment area. 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. The associated WOF is provided in Appendix C.

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

2.5 HAZARDOUS MATERIAL SPILLS

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

2.6 TRASH

Litter, primarily wind-blown, was observed during the biological monitoring visits. Litter removal requests cannot be submitted to the demolition contractor because they are not currently on-site. Once the demolition contractor is allowed to resume work activities, a litter removal request will be submitted.

2.8 NON-COMPLIANCE REPORT

No non-compliance notifications or incident reports were issued.

Appendix A Biological Resources Compliance Monitoring Logs

Date		Monitor			Time (Begin-End)	
April 3, 2020	D		Melissa Fov	vler	06:55-11:00	
Temperature (°F)	Humidi (%)	ity Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
53	77	0	N	Good (10.0 mi)	90% 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:

- An American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed within the transmission bay, but no active nest was observed.
- House finch (*Haemorhous mexicanus*) and mourning dove (*Zenaida macroura*) pairs were observed on the EPS site, but no active nests were identified.
- A killdeer (*Charadrius vociferus*) pair was observed within the northern laydown area. Incubation was observed, but the nest is not located within an active work area.
- Nesting behaviors were observed in several species, particularly in the northern staging area and the San Diego Gas & Electric (SDGE) substation.

Special-Status Species Observed:

- American peregrine falcons were observed within the project site.
- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- A California gull (Larus californicus; CDFW Watch List [WL]) was observed within the project vicinity.
- A Cooper's hawk (Accipiter cooperii; CDFW WL) was observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW WL) were observed within the project vicinity.
- A great blue heron (*Ardea herodias*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- A great egret (Ardea alba; CDF S) was observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

• No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- Some dumpster covers have partially blown off during high wind events.
- No additional observations were noted.

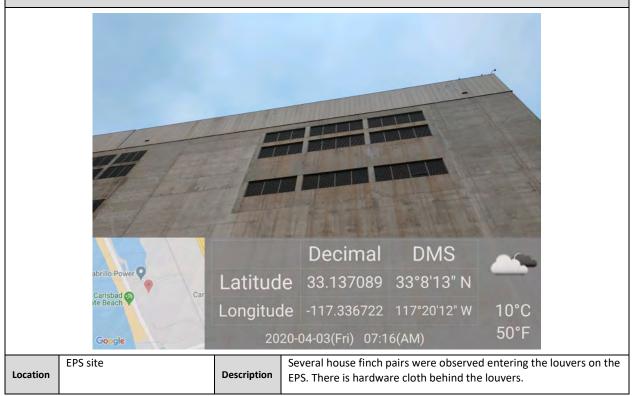
Items Requiring Action/Follow-up

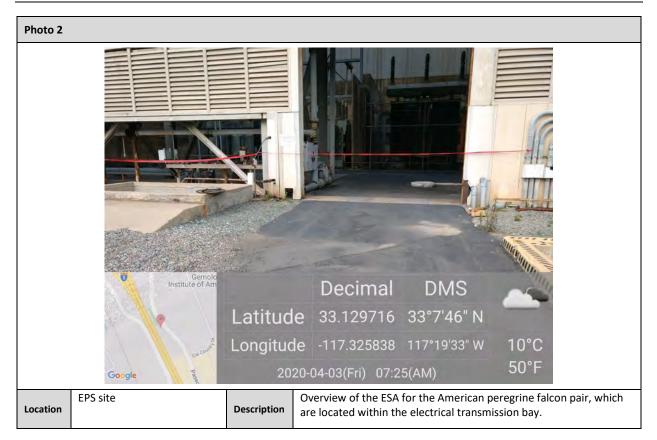
• Dumpsters need to be covered when the demolition contractor can return to the site.

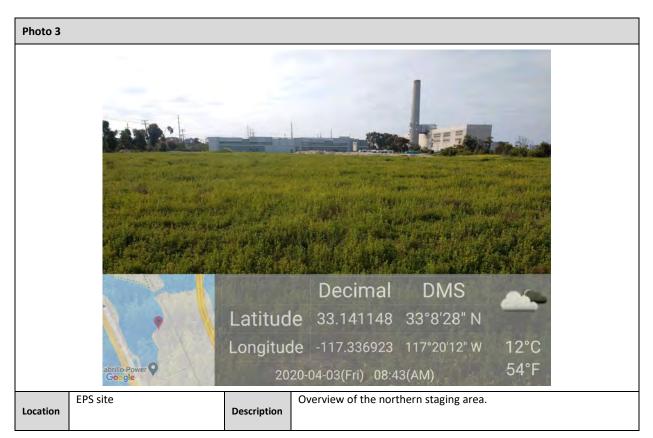
Wildlife Species Observed

Allen's hummingbird (*Selasphorus sasin*), American crow (*Corvus brachyrhynchos*), American kestrel (*Falco sparverius*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), California brown pelican, California gull, California towhee (*Melozone crissalis*), chipping sparrow (*Spizella passerina*), common yellowthroat (*Geothlypis trichas*), Cooper's hawk, double-crested cormorant, European starling (*Sturnus vulgaris*), great blue heron, great egret, hooded oriole (*Icterus cucullatus*), house finch, killdeer, mourning dove, royal tern (*Thalasseus maximus*), song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western grebe (*Aechmophorus occidentalis*), western gull (*Larus occidentalis*), white-crowned sparrow (*Zonotrichia leucophrys*), and yellow-rumped warbler (*Setophaga coronata*).

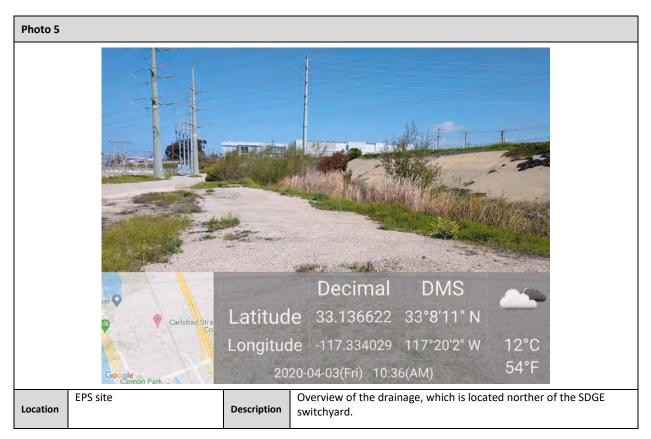
Photo 1











Date		Monitor				Time (Begin-End)	
April 10, 2020			Melissa Fowler			08:00-10:15	
Temperature (°F)	Humid (%)	•	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
54	90		6	Y (4.51")	Low (1.0 mi)	90% cloud cover; heavy rainfall	

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:

- The American crow (Corvus brachyrhynchos) nest within the San Diego Gas & Electric (SDGE) substation is active.
- No additional nesting behaviors were observed.

Special-Status Species Observed:

- A great blue heron (*Ardea herodias*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

- The monitoring duration was shortened because of heavy rainfall, and limited avian activity was observed.
- No additional observations were noted.

Other Observations/Comments:

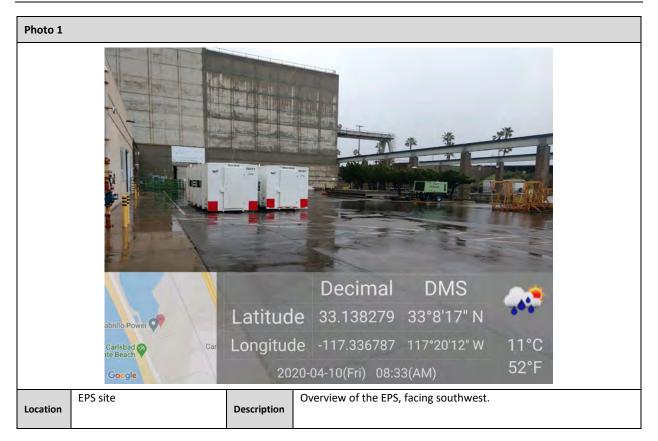
- The demolition contractor was not on-site because of the coronavirus.
- United Rentals was on-site to remove some equipment that was on rent by the demolition contractor.
- No additional observations were noted.

Items Requiring Action/Follow-up

None.

Wildlife Species Observed

American crow, chipping sparrow (*Spizella passerina*), great blue heron, house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), western gull (*Larus occidentalis*), and white-crowned sparrow (*Zonotrichia leucophrys*).









Date	Date Monitor				Time (Begin-End)			
April 17, 202	ril 17, 2020 Melissa Fowler			07:00-11:40				
Temperature (°F)	Humidit (%)	ty Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment			
55	81	5	N	Good (10.0 mi)	90% cloud cover (AM)			

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- An American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed within the transmission bay, but no active nest was observed.
- House finch (Haemorhous mexicanus) and mourning dove (Zenaida macroura) pairs were observed on the EPS site, but no active nests were identified.
- No activity was observed near the killdeer (Charadrius vociferus) nest within the northern laydown area.
- Nesting behaviors were observed in several species, particularly in around the northern staging area and in the San Diego Gas & Electric (SDGE) substation.

Special-Status Species Observed:

- American peregrine falcons were observed within the project site.
- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- A California horned lark (*Eremophila alpestris actia*; 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; CDF S) was observed within the project vicinity.

Other Biological Resources Observations:

• No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- Some dumpster covers have partially blown off during high wind events.
- No additional observations were noted.

Items Requiring Action/Follow-up

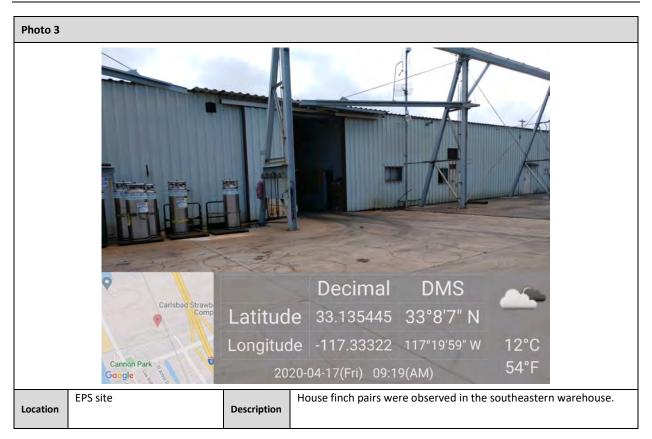
• Dumpsters need to be covered when the demolition contractor can return to the site.

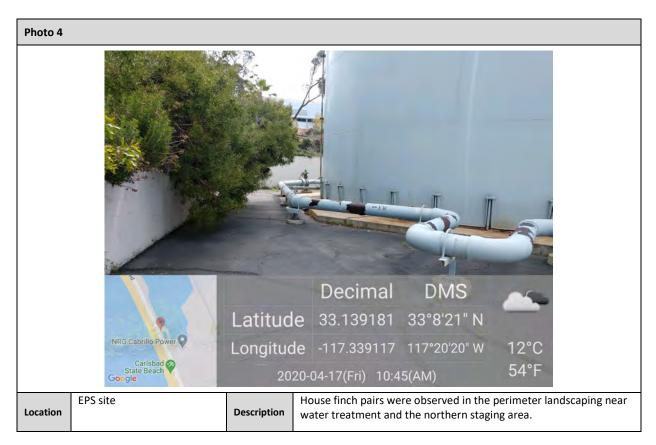
Wildlife Species Observed

American crow (*Corvus brachyrhynchos*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), brown-headed cowbird (*Molothrus ater*), California brown pelican, California horned lark, Cassin's kingbird (*Tyrannus vociferans*), double-crested cormorant, European starling (*Sturnus vulgaris*), great egret, house finch, killdeer, lesser goldfinch (*Spinus psaltria*), mallard (*Anas platyrhynchos*), mourning dove, royal tern (*Thalasseus maximus*), Say's phoebe (*Sayornis saya*), song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), western kingbird (*Tyrannus verticalis*), white-crowned sparrow (*Zonotrichia leucophrys*).









Date		Monitor				Time (Begin-End)	
April 24, 202	0	Melissa Fowler			06:40-11:45		
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment		
63	77	0	Ν	Good (10.0 mi)	0% cloud cover		

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- An American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed within the transmission bay, but no active nest was observed.
- House finch (*Haemorhous mexicanus*) and mourning dove (*Zenaida macroura*) pairs were observed on the EPS site, but no active nests were identified.
- A California horned lark (*Eremophila alpestris actia*; CDFW Watch List [WL]) was observed within the northern staging area, but no active nest was identified.
- Nesting behaviors were observed in several species, particularly in the northern staging area and the San Diego Gas & Electric (SDGE) substation.

Special-Status Species Observed:

- American peregrine falcons were observed within the project site.
- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- California horned larks were observed within the northern staging area.
- A California gull (*Larus californicus*; CDFW WL) was observed within the project vicinity.
- Double-crested cormorants (Phalacrocorax auratus; CDFW WL) were observed within the project vicinity.
- A great blue heron (*Ardea herodias*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- A great egret (Ardea alba; CDF S) was observed within the project vicinity.
- An osprey (Pandion haliaetus; CDFW WL; CDF S) was observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

- A deceased mourning dove was found inside the EPS. A Wildlife Observation Form (WOF) was completed.
- No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- Some dumpster covers have partially blown off during high wind events.
- No additional observations were noted.

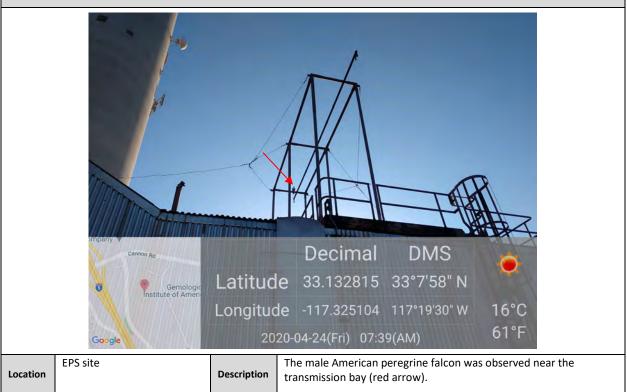
Items Requiring Action/Follow-up

• Dumpsters need to be covered when the demolition contractor can return to the site.

Wildlife Species Observed

American crow (*Corvus brachyrhynchos*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black-chinned hummingbird (*Archilochus alexandri*), black phoebe (*Sayornis nigricans*), California brown pelican, California horned lark, California towhee (*Melozone crissalis*), chipping sparrow (*Spizella passerina*), double-crested cormorant, European starling (*Sturnus vulgaris*), great blue heron, great egret, house finch, killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), mourning dove, osprey, royal tern (*Thalasseus maximus*), song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), and white-crowned sparrow (*Zonotrichia leucophrys*).

Photo 1











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

Date			Monitor			Time (Begin-End)		
April 30, 2020			Melissa Fowler			07:00-12:05		
Temperature (°F)	Humidit (%)	ty Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment			
63	93	0	Ν	Moderate (4.0 mi)	100% cloud c	over (AM)		

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- An American peregrine falcon (*Falco peregrinus anatum*; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed within the transmission bay. The female was observed in an incubation position, but an active nest has not been confirmed.
- House finch (*Haemorhous mexicanus*) and mourning dove (*Zenaida macroura*) pairs were observed on the EPS site, but no active nests were identified.
- Nesting behaviors were observed in several species, particularly in the vegetation along the perimeter of the northern staging area and the San Diego Gas & Electric (SDGE) substation.

Special-Status Species Observed:

- American peregrine falcons were observed within the project site.
- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW Watch List [WL]) were observed within the project vicinity.
- A great egret (*Ardea alba*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- An osprey (*Pandion haliaetus*; CDFW WL; CDF S) was observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

- A deceased European starling (*Sturnus vulgaris*) was found near at the water treatment area. A Wildlife Observation Form (WOF) was completed.
- No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- Some dumpster covers have partially blown off during high wind events.
- No additional observations were noted.

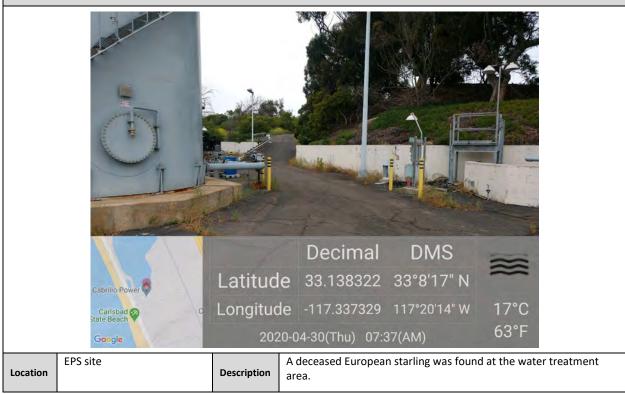
Items Requiring Action/Follow-up

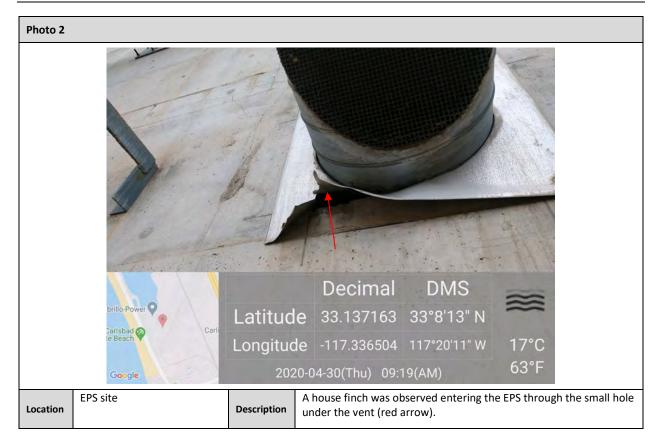
• Dumpsters need to be covered when the demolition contractor can return to the site.

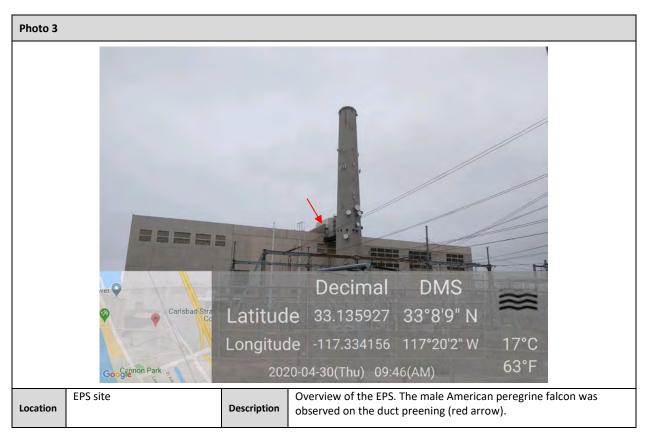
Wildlife Species Observed

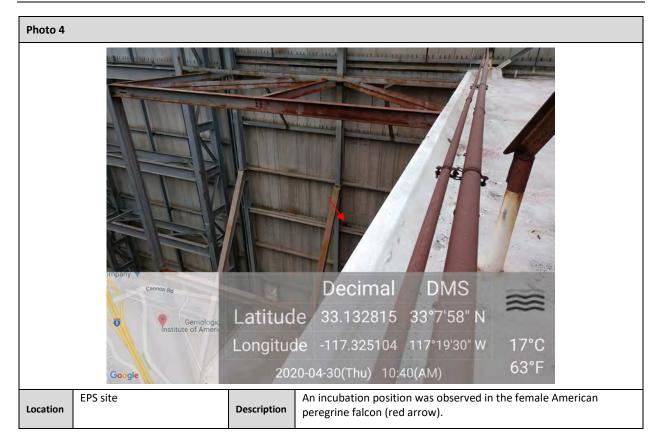
American bushtit (*Psaltriparus minimus*), American crow (*Corvus brachyrhynchos*), American peregrine falcon, Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), California brown pelican, California towhee (*Melozone crissalis*), common side-blotched lizard (*Uta stansburiana*), desert cottontail (*Sylvilagus audubonii*), double-crested cormorant, European starling, great egret, house finch, killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), mourning dove, northern mockingbird (*Mimus polyglottos*), osprey, royal tern (*Thalasseus maximus*), song sparrow (*Melospiza melodia*), snowy egret (*Egretta thula*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), western kingbird (*Tyrannus verticalis*), white-throated swift (*Aeronautes saxatalis*).

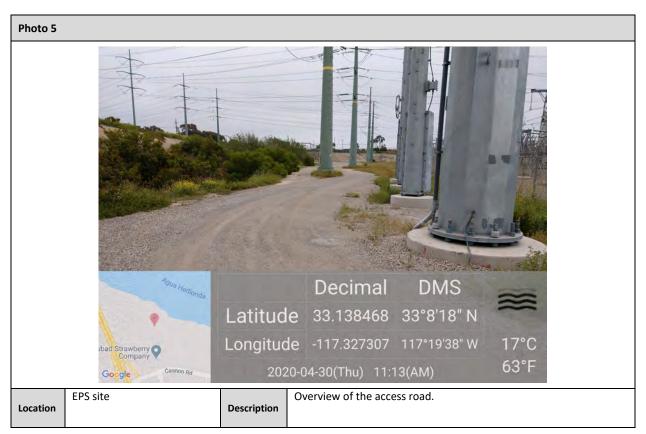
Photo 1











Appendix B Observed Wildlife Species List

Observed Wildlife Species List April 2020 Encina Power Station

Common Name	Scientific Name	Status Federal/State/Other		
Birds				
Allen's hummingbird	Selasphorus sasin	//		
American bushtit	Psaltriparus minimus	//		
American crow	Corvus brachyrhynchos	//		
American kestrel	Falco sparverius	//		
American peregrine falcon	Falco peregrinus anatum	BCC/FP/CDF: S		
Anna's hummingbird	Calypte anna	//		
Black-chinned hummingbird	Archilochus alexandri	//		
Black phoebe	Sayornis nigricans	//		
Brown-headed cowbird	Molothrus ater	//		
California brown pelican	Pelecanus occidentalis californicus	/FP/		
California gull	Larus californicus	/WL/		
California horned lark	Eremophila alpestris actia	/WL/		
California towhee	Melozone crissalis	//		
Cassin's kingbird	Tyrannus vociferans	//		
Chipping sparrow	Spizella passerina	//		
Common yellowthroat	Geothlypis trichas	//		
Cooper's hawk	Accipiter cooperii	/WL/		
Double-crested cormorant	Phalacrocorax auratus	/WL/		
European starling	Sturnus vulgaris	//		
Great blue heron	Ardea herodias	//CDF: S		
Great egret	Ardea alba	//CDF: S		
Hooded oriole	Icterus cucullatus	//		
House finch	Haemorhous mexicanus	//		
Killdeer	Charadrius vociferus	//		
Lesser goldfinch	Spinus psaltria	//		
Mallard	Anas platyrhynchos	//		
Mourning dove	Zenaida macroura	//		
Northern mockingbird	Mimus polyglottos	//		
Osprey	Pandion haliaetus	/WL/CDF: S		
Rock pigeon (remains)	Columba livia	//		
Royal tern	Thalasseus maximus	//		
Say's phoebe	Sayornis saya	//		
Snowy egret	Egretta thula	//		
Song sparrow	Melospiza melodia	//		
Western grebe	Aechmophorus occidentalis	//		
Western gull	Larus occidentalis	//		
Western kingbird	Tyrannus verticalis	//		

White-crowned sparrow	Zonotrichia leucophrys	//
Yellow-rumped warbler	Setophaga coronata	//
Mammals		
Desert cottontail	Sylvilagus audubonii	
Reptiles		
Common side-blotched lizard	Uta stansburiana	//
Western fence lizard	Sceloporus occidentalis	//

Source:

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. August 2019. Special Animals List. Periodic publication. 67 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 EI	nergy Encina Po	ower Station (EPS)
	Wildlif	e Observati	on Form (WOF)
construction activit		events. If nesting birds, o	and/or injured wildlife, or other biological resources during daily dead and/or injured wildlife have been identified, please contact wler@gmail.com.
Date	Observer		Observer's Employer
24 April 2020	Melissa Fov	vler	High Country Consulting
Location of Observ	ation		
Inside the EPS bu	ilding.		
Wildlife Species		Condition of Wildlife	e (alive/dead)
Mourning dove (Ze	naida macroura)	Dead	
Cause of Injury or I	Mortality (Don't speculate, If unk	nown, enter "unknown	")
Unknown.			
Current Location o	f Animal		
The carcass was dis	posed of per site guidelines.		
Yes Nu If Yes, Explain Additional Comme None.			

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		
30 April 2020	Melissa Fow	vler	High Country Consulting		
Location of Observa	ation				
On the northern e	end of the water treatment a	rea.			
Wildlife Species		Condition of Wildlife	(alive/dead)		
European starling (S	turnus vulgaris)	Dead			
Cause of Injury or N	fortality (Don't speculate, If unk	nown, enter "unknown	")		
Unknown.					
Current Location of	Animal				
The carcass was dis	posed of per site guidelines.				
Is the Biological R Yes No	esource in Danger of Being	Impacted by Project	or Other Site Activities?		
If Yes, Explain					
Additional Commer	nts				
None.					

ATTACHMENT E

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

No WEAP training required in April 2020

ATTACHMENT F

CUL-6/PAL-6 PALEONTOLOGICAL RESOURCE MONITORING APRIL 2020

No monitoring required in April 2020

ATTACHMENT G

COMPLIANCE-6 SUMMARY TABLE OF NOISE HOTLINE CALLS APRIL 2020

No Noise Hotline calls in April 2020

ATTACHMENT H

TRANS-5 ROADWAY INSPECTION APRIL 2020

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

ATTACHMENT I

TRANS-6 TRANSPORTATION PERMITS APRIL 2020

No transportation permits were obtained in April 2020

ATTACHMENT J TRANS-8 TRAFFIC ENCROACHMENT PERMITS APRIL 2020

No traffic encroachment permits were obtained in April 2020

ATTACHMENT K

SOIL&WATER-2 CONSTRUCTION WATER USAGE SUMMARY

SOIL&WATER-9 WASTEWATER SUMMARY

May 7, 2020

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

Water use Summary, April 2020.

Phase IV Demolition (Started November 2019) Potable Water Used*: 0 gallons Reclaim Water Used**: 0 gallons

<u>Completed Phase(s)</u>

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

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

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

<u>Cumulative Water Use Phase I, II, III, IV</u> Potable Water Used: 7,188,140 gallons Reclaim Water Used: 13,145,265 gallons

*Potable use includes sanitary, hydrotesting, landscape irrigation, and other plant operations, including Phase III Decommissioning not suitable for reclaim water use (worker contact applications). Non-power generation operations for cooling water pump operations for the Carlsbad Desalination Plant occurs during Phase III and IV until the desalination selfsupplies ocean water.

**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 April 2020.

ATTACHMENT L

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

No master drawing list exists for demolition in April 2020

ATTACHMENT M

GEN-3 PROOF OF PAYMENT TO DCBO APRIL 2020

Due to the COVID-19 pandemic there were no demolition activities and subsequently no DCBO activity in April 2020.

ATTACHMENT N

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

APRIL 2020

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

LIST OF DCBO PLAN APPROVALS AND INSPECTIONS APRIL 2020

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

CBO Package No.	Date Submitted	Description	COC

CBO MECHANICAL INSPECTIONS APRIL 2020

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

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

Due to the COVID-19 pandemic there were no demolition activities or safety inspections in April 2020.

ATTACHMENT P

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

Due to the COVID-19 pandemic there were no demolition activities or safety inspections in April 2020

ATTACHMENT Q

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

No non-conformance reports for demolition in April 2020