

DOCKETED

Docket Number:	07-AFC-06C
Project Title:	Carlsbad Energy Center - Compliance
TN #:	233897
Document Title:	Monthly Compliance Report June 2020
Description:	Monthly Compliance Report- June 2020 for Encina Power Station Demolition/Carlsbad Energy Center Project
Filer:	Anwar Ali
Organization:	Carlsbad Energy Center LLC
Submitter Role:	Commission Staff
Submission Date:	7/15/2020 5:24:16 PM
Docketed Date:	7/16/2020



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

July 10, 2020

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

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

Dear Dr. Ali:

Cabrillo I LLC ("Project Owner") submits the June 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 on March 20, 2020. Demolition-related equipment and materials were placed in a safe-condition and storm water best management practices confirmed prior to the suspension of demolition. Remobilization of demolition staff will occur during the week of July 6-10, 2020, and demolition activities will recommence during the week of July 13-17, 2020.

There were no demolition activities or demolition related employees on-site in June 2020. Weekly biological surveys and one monthly Construction Storm water inspection was conducted in June 2020.

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

Sincerely,

A handwritten signature in black ink, appearing to read "George L. Piantka". The signature is written in a cursive style and is positioned below the word "Sincerely,".

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

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

cc: File



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

June 2020

Submitted by: Cabrillo Power I LLC

Date Submitted: 07-10-2020

Table of Contents

I.	Summary.....	1
	a. Demolition Status (<i>Suspended March 20, 2020</i>) .. Error! Bookmark not defined.	
	b. Revised/Updated Schedule.....	1
	c. Explanation of Significant Permitting Activities and Changes to Schedule (as applicable)	2
II.	List of documents submitted to meet specific conditions	2
III.	Updated Compliance Matrices.....	3
IV.	List of conditions satisfied during reporting period including reference to actions which satisfied certification	3
V.	List of submittal deadlines missed during reporting period including explanation and estimate of when information will be provided.....	3
VI.	Cumulative list of approved changes to conditions of certification.....	3
VII.	List of any filings with, or permits issued by, other governmental agencies during the month.....	4
VIII.	Project compliance activities over next two months including changes to schedule.....	4
IX.	Additions to on-site compliance file.....	4
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.....	5

List of Attachments

- Attachment A: COMPLIANCE-5 and COMPLIANCE-6: Key Events Schedule and Compliance Matrix – June 2020
- Attachment B: COMPLIANCE-6: Project Schedule, June 2020
- Attachment C: AQ-SC3: Air Quality Construction Compliance Summary, June 2020
- Attachment D: BIO-6: Phase II Biological Resources Monthly Compliance Report
- Attachment E: CUL-5 and PAL-5: Certification of Completion, Worker Environmental Awareness Program
- Attachment F: CUL-6/PAL-6: Paleontological Resource Monitoring
- Attachment G: COMPLIANCE-6: Noise Hotline Calls, June 2020
- Attachment H: TRANS-5: Roadway Inspection
- Attachment I: TRANS-6: Summary Transportation Permits
- Attachment J: TRANS-8: Encroachment Permits Statement
- Attachment K: SOIL&WATER-2: Construction Water Usage Summary
SOIL&WATER-9: Wastewater Summary
- Attachment L: GEN-2 and TSE-1: Master Drawing List Update
- Attachment M: GEN-3: Proof of DCBO Payment
- Attachment N: CIVIL-1, GEN-6, MECH-1: DCBO Plan Approvals and Mechanical Inspections
- Attachment O: WORKER SAFETY-3: Construction Safety Supervisor Monthly Report
- Attachment P: WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report
- Attachment Q: CIVIL-3 and STRUC-2: Non-Conformance Report Log

I. Summary

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

a. Demolition Status

Phase III (decommissioning) activities began December 11, 2018 with the retirement of the Encina Power Station; decommissioning was completed by Cabrillo Power I LLC (owner of Encina Power Station) in 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 June 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 are targeted to resume in mid-July 2020.

b. Revised/Updated Schedule

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

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

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

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

II. List of documents submitted to meet specific conditions

- a. AQ-SC2: Air Quality Demolition Mitigation Plan
- b. AQ-SC3: Construction Fugitive Dust Control - Air Quality Compliance Monthly Report. *Not conducted in June 2020 due to COVID-19*
- c. AQ-SC4: Dust Plume Response Requirement - Air Quality Compliance Monthly Report. *Not conducted in June 2020 due to COVID-19*
- d. AQ-SC5: Diesel-Fueled Engine Control - Air Quality Compliance Monthly Report. *Not conducted in June 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 Plan
 - i. SOIL&WATER-2&6: Construction water usage summary.
- i. SOIL&WATER-4&9: SDRWQCB email dated 11/22/2019
- j. SOIL&WATER-9: Wastewater disposal summary
- k. TRANS-1: Demolition Traffic Control Plan
- l. TRANS-7: Demolition Parking and Staging Plan
- m. WASTE-5: Demolition Waste Management Plan
- n. WORKER SAFETY-1: Demolition Safety and Health Program
- o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
- p. WORKER SAFETY-4: CBO Safety Monitor monthly report
- q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5th Revision Notice)

III. Updated Compliance Matrices

The Compliance Matrix updated to reflect the Amended CECP is included in **Attachment A**. *Not provided in June 2020 due to COVID-19*

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 June 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 June 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 June 2020 due to COVID-19

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

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 June 2020. A summary table of calls logged and responded to will be included, as applicable, in **Attachment G**.

ATTACHMENT A

**COMPLIANCE-5 AND COMPLIANCE-6
KEY EVENTS AND COMPLIANCE MATRIX
JUNE 2020**

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

ATTACHMENT B

COMPLIANCE-6
PROJECT SCHEDULE
JUNE 2020

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

ATTACHMENT C

**AQ-SC3
AIR QUALITY CONSTRUCTION
COMPLIANCE SUMMARY
JUNE 2020**

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

ATTACHMENT D

**BIO-6
PHASE IV BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
JUNE 2020**

Cabrillo Power I LLC

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

June 2020 Reporting Period

July 2020

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	BIOLOGICAL MONITORING SUMMARY	2
2.1	NESTING BIRDS	2
2.3	SPECIAL-STATUS SPECIES	3
2.4	WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES	3
2.4.1	<i>Migratory Bird Treaty Act Protected Species</i>	3
2.4.2	<i>Other Species</i>	4
2.5	HAZARDOUS MATERIAL SPILLS	4
2.6	TRASH	4
2.8	NON-COMPLIANCE REPORT	4

APPENDIX A - BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOGS

APPENDIX B - OBSERVED WILDLIFE SPECIES LIST

APPENDIX C - WILDLIFE OBSERVATION FORMS

This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the demolition phase of the Encina Power Station (EPS) from June 1 through June 30, 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 June 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 is included in Appendix B. The Wildlife Observation Form (WOF) is 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 on-call monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site. The demolition contractor is currently offsite because of the coronavirus outbreak.

All on-site staff receives WEAP training prior to start of work. The hardcopy sign-in training logs are submitted separately. No WEAP training occurred during June 2020 due to the suspension of demolition activities because of the coronavirus outbreak.

2.1

NESTING BIRDS

On March 13, 2020, nesting behaviors were observed in 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 near the top of the electrical transmission bay, north of Units 4 and 5. A Environmentally Sensitive Area (ESA) was established. The pair was monitored on a weekly basis and they exhibited nesting behaviors and were territorial. Nest monitoring was conducted at ground level with binoculars and on the roof. Monitoring was conducted at multiple times during each monitoring visit, but only for short durations on the roof to minimize any potential stress. Ground level nest monitoring was conducted at via binoculars for longer intervals.

On June 12, 2020, a predated egg was observed on the ground within the electrical transmission bay, which is consistent in size, shape, and color of an American peregrine falcon egg. A photo of the predated egg is included in Appendix A. Additional monitoring of the American peregrine falcon activities will continue, and observations will be documented in the applicable MCR.

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

2.3 *SPECIAL-STATUS SPECIES*

Six special-status avian species were observed during the June 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]), double-crested cormorant (*Phalacrocorax auratus*; CDFW WL), great blue heron (*Ardea herodias*; CDF S), and osprey (*Pandion haliaetus*; CDFW WL; CDF S). California Natural Diversity Database (CNDDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDDB data submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are not added (CDFW, 2016)¹. Once a successful American peregrine falcon nest is confirmed, a CNDDDB form will be completed and submitted to CDFW.

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.

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

2.4.2 *Other Species*

On June 26, 2020, a deceased desert cottontail (*Sylvilagus audubonii*) was found in the chute staging area, east of the EPS building. The predated remains were disposed of. 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.

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 will be submitted to the demolition contractor upon resumption of work activities.

2.8 *NON-COMPLIANCE REPORT*

No non-compliance notifications or incident reports were issued.

Appendix A
Biological Resources Compliance Monitoring Logs

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)	
June 5, 2020		Melissa Fowler			07:10-11:00	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
63	86	5	N	Good (8.0 mi)	100% cloud cover/overcast (AM)	
Location(s) of Work Site Activities Monitored						
NRG EPS site.						
Summary of Biological Resources Monitoring Observations						
Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.						
Nesting Bird Observations:						
<ul style="list-style-type: none"> • An American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed perching on the louvers on the eastern side of the EPS. Copulation and hunting were observed. • House finch (<i>Haemorhous mexicanus</i>) and mourning dove (<i>Zenaida macroura</i>) pairs were observed on the EPS site. House finches were flying inside the louvers. • No additional observations were noted. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed within the project site. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW Watch List [WL]) were observed within the project vicinity. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No additional observations were noted. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • The demolition contractor was not on-site because of the coronavirus. • No additional observations were noted. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • Dumpsters need to be covered when the demolition contractor can return to the site. 						
Wildlife Species Observed						
American bushtit (<i>Psaltriparus minimus</i>), American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California towhee (<i>Melospiza crissalis</i>), desert cottontail (<i>Sylvilagus audubonii</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), house finch, house wren (<i>Troglodytes aedon</i>), lesser goldfinch (<i>Spinus psaltria</i>), mourning dove, song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and western kingbird (<i>Tyrannus verticalis</i>).						

Photo 1



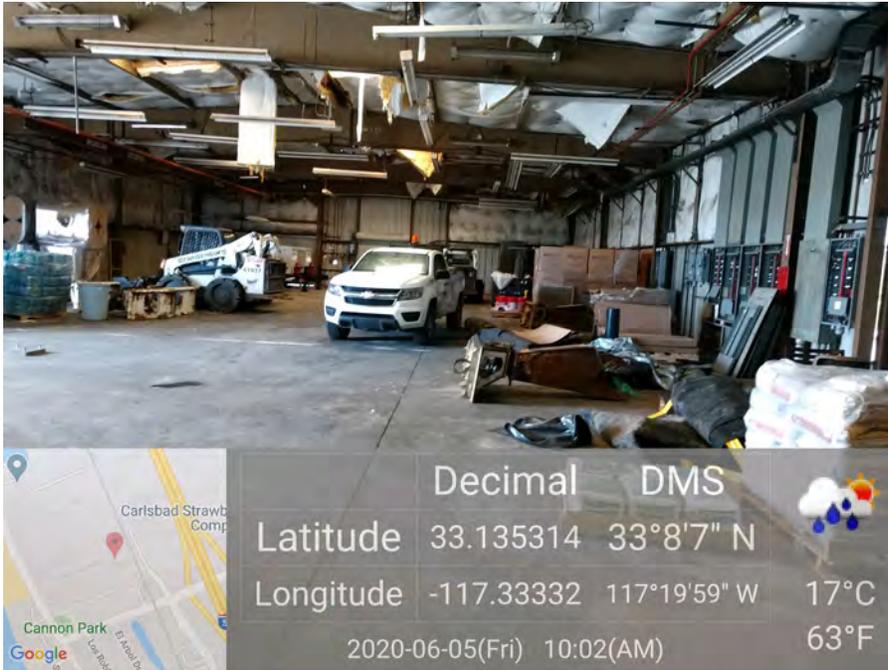
Location	EPS site	Description	The American peregrine falcon pair was perching on the louvers (red arrows).
-----------------	----------	--------------------	--

Photo 2



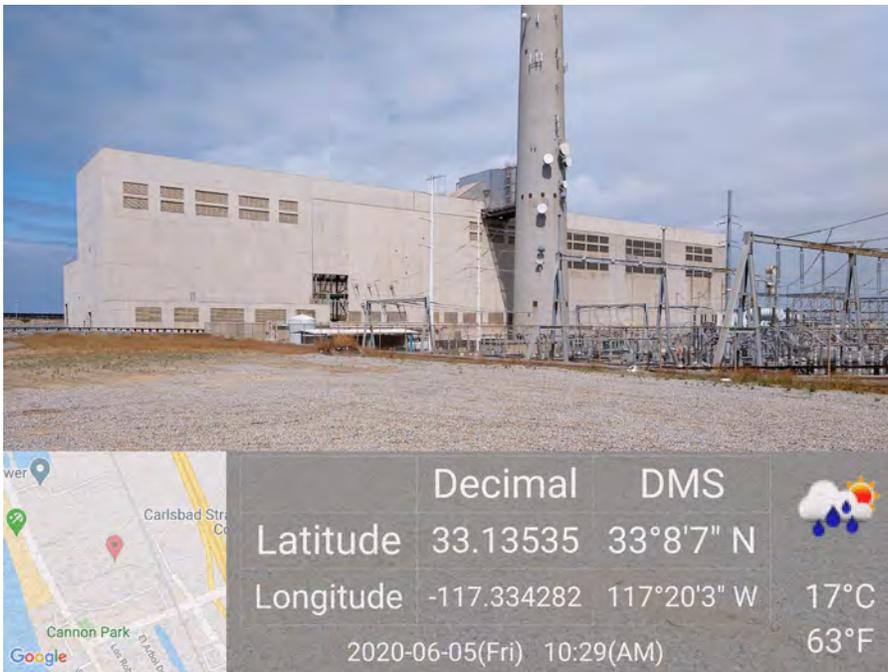
Location	EPS site	Description	No American peregrine falcon activity was observed within the electrical transmission bay.
-----------------	----------	--------------------	--

Photo 3



Location	EPS site	Description	No house finch activity was observed within the southeastern warehouse.
-----------------	----------	--------------------	---

Photo 4



Location	EPS site	Description	Overview of the EPS.
-----------------	----------	--------------------	----------------------

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 12, 2020	Melissa Fowler				07:05-10:30
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
63	80	0	N	Good (8.0 mi)	100% cloud cover/overcast (AM)

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- 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 perching on the louvers on the eastern side of the EPS. In addition, a predated egg was found on the ground in the electrical transformer bay. The egg is consistent in size, shape, and color of an American peregrine falcon egg (see Photo 3).
- House finch (*Haemorrhous mexicanus*) and mourning dove (*Zenaida macroura*) pairs were observed on the EPS site.
- No additional observations were noted.

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

Other Biological Resources Observations:

- No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- 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

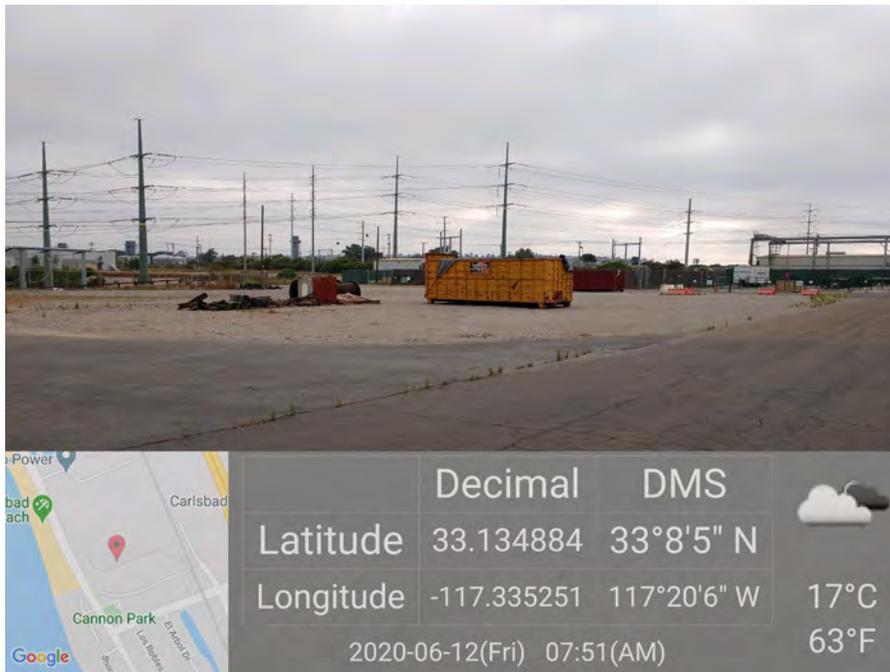
Allen's hummingbird (*Selasphorus sasin*), American bushtit (*Psaltriparus minimus*), American crow (*Corvus brachyrhynchos*), American peregrine falcon, black phoebe (*Sayornis nigricans*), California brown pelican, California towhee (*Melospiza crissalis*), common side-blotched lizard (*Uta stansburiana*), desert cottontail (*Sylvilagus audubonii*), double-crested cormorant, European starling (*Sturnus vulgaris*), great blue heron, house finch, killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), mourning dove, Say's phoebe (*Sayornis saya*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), western kingbird (*Tyrannus verticalis*), and wrentit (*Chamaea fasciata*).

Photo 1



Location	EPS site	Description	Overview of the EPS, facing southwest.
-----------------	----------	--------------------	--

Photo 2



Location	EPS site	Description	Dumpsters will be covered when the demolition contractor is able to return to the site.
-----------------	----------	--------------------	---

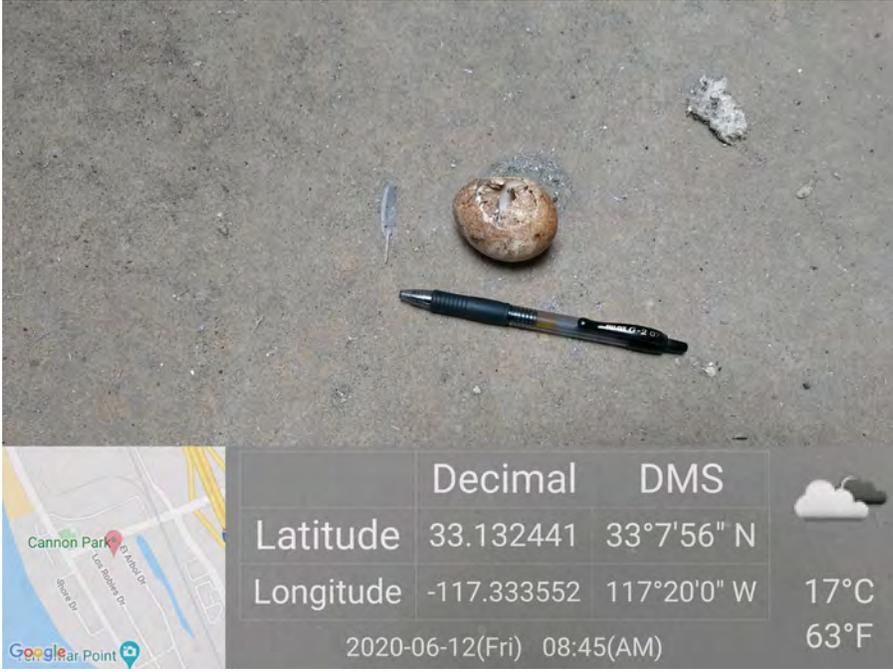
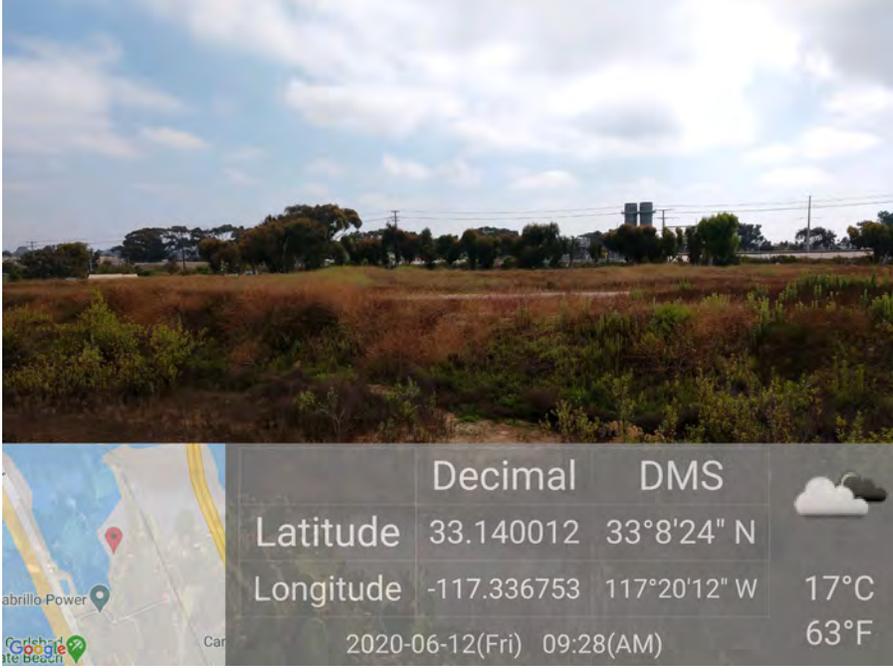
Photo 3																	
																	
<table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>33.132441</td> <td>33°7'56" N</td> <td rowspan="2">  17°C 63°F </td> </tr> <tr> <td>Longitude</td> <td>-117.333552</td> <td>117°20'0" W</td> </tr> <tr> <td colspan="4" style="text-align: center;">2020-06-12(Fri) 08:45(AM)</td> </tr> </tbody> </table>				Decimal	DMS		Latitude	33.132441	33°7'56" N	 17°C 63°F	Longitude	-117.333552	117°20'0" W	2020-06-12(Fri) 08:45(AM)			
	Decimal	DMS															
Latitude	33.132441	33°7'56" N	 17°C 63°F														
Longitude	-117.333552	117°20'0" W															
2020-06-12(Fri) 08:45(AM)																	
Location	EPS site	Description	A predated egg was found on the ground in the electrical transmission bay.														

Photo 4																	
																	
<table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>33.140012</td> <td>33°8'24" N</td> <td rowspan="2">  17°C 63°F </td> </tr> <tr> <td>Longitude</td> <td>-117.336753</td> <td>117°20'12" W</td> </tr> <tr> <td colspan="4" style="text-align: center;">2020-06-12(Fri) 09:28(AM)</td> </tr> </tbody> </table>				Decimal	DMS		Latitude	33.140012	33°8'24" N	 17°C 63°F	Longitude	-117.336753	117°20'12" W	2020-06-12(Fri) 09:28(AM)			
	Decimal	DMS															
Latitude	33.140012	33°8'24" N	 17°C 63°F														
Longitude	-117.336753	117°20'12" W															
2020-06-12(Fri) 09:28(AM)																	
Location	EPS site	Description	Overview of the northern staging area, facing southwest.														

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

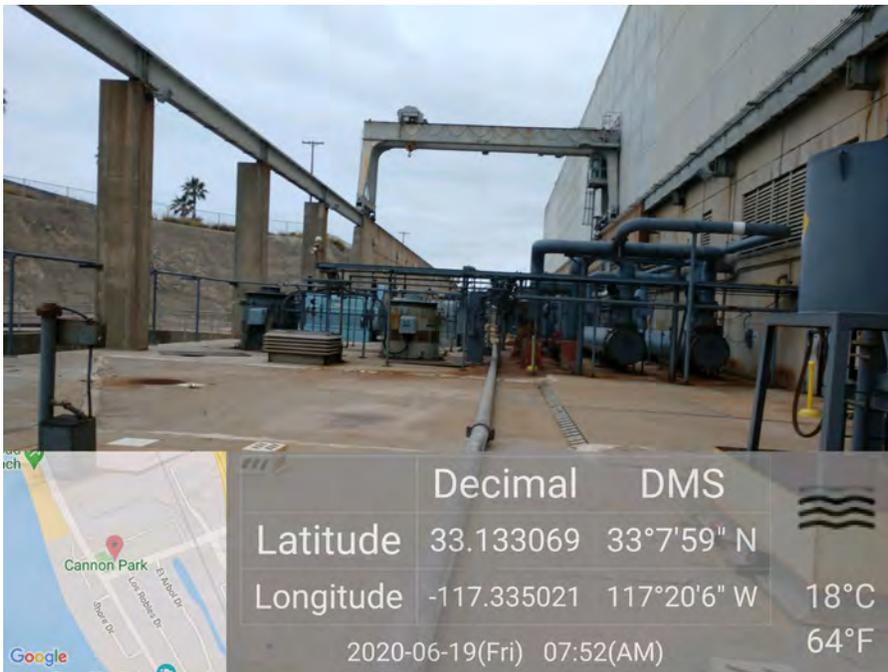
Date		Monitor			Time (Begin-End)	
June 19, 2020		Melissa Fowler			07:05-11:45	
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment	
63	86	5	N	Good (8.0 mi)	100% cloud cover/overcast (AM)	
Location(s) of Work Site Activities Monitored						
NRG EPS site.						
Summary of Biological Resources Monitoring Observations						
Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.						
Nesting Bird Observations:						
<ul style="list-style-type: none"> • An American peregrine falcon (<i>Falco peregrinus anatum</i>; United States Fish and Wildlife Service [USFWS] Birds of Conservation Concern [BCC]; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]; California Department of Forestry [CDF] Sensitive [S]) pair was observed perching on the EPS roof and hunting. • House finch (<i>Haemorhous mexicanus</i>) and mourning dove (<i>Zenaida macroura</i>) pairs were observed on the EPS site. • Nesting behaviors are decreasing throughout the site. • No additional observations were noted. 						
Special-Status Species Observed:						
<ul style="list-style-type: none"> • American peregrine falcons were observed within the project site. • California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity. • A California gull (<i>Larus californicus</i>; CDFW Watch List [WL]) was observed within the project vicinity. • Double-crested cormorants (<i>Phalacrocorax auratus</i>; CDFW WL) were observed within the project vicinity. • A great blue heron (<i>Ardea herodias</i>; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity. • An osprey (<i>Pandion haliaetus</i>; CDFW WL; CDF S) pair were observed flying along the perimeter of the northern staging area and over the lagoon. • No additional special-status species were observed. 						
Other Biological Resources Observations:						
<ul style="list-style-type: none"> • No additional observations were noted. 						
Other Observations/Comments:						
<ul style="list-style-type: none"> • The demolition contractor was not on-site because of the coronavirus. • No additional observations were noted. 						
Items Requiring Action/Follow-up						
<ul style="list-style-type: none"> • Dumpsters need to be covered when the demolition contractor can return to the site. 						
Wildlife Species Observed						
American crow (<i>Corvus brachyrhynchos</i>), American peregrine falcon, Anna's hummingbird (<i>Calypte anna</i>), black phoebe (<i>Sayornis nigricans</i>), California brown pelican, California gull, desert cottontail (<i>Sylvilagus audubonii</i>), double-crested cormorant, European starling (<i>Sturnus vulgaris</i>), great blue heron, house finch, house sparrow (<i>Passer domesticus</i>), lesser goldfinch (<i>Spinus psaltria</i>), mallard (<i>Anas platyrhynchos</i>), mourning dove, osprey, osprey, royal tern (<i>Thalasseus maximus</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), western kingbird (<i>Tyrannus verticalis</i>), and wrentit (<i>Chamaea fasciata</i>).						

Photo 1



Location	EPS site	Description	Overview of where the predated egg was found (red arrow) within the electrical transmission bay.
-----------------	----------	--------------------	--

Photo 2



Location	EPS site	Description	Overview of the western side of the EPS, facing north.
-----------------	----------	--------------------	--

Photo 3



Location	EPS site	Description	Overview of the EPS, facing northwest.
-----------------	----------	--------------------	--

Photo 4



Location	EPS site	Description	House finches were observed flying into the louvers.
-----------------	----------	--------------------	--

NRG Energy Encina Power Station (EPS) Project

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date	Monitor				Time (Begin-End)
June 26, 2020	Melissa Fowler				07:00-11:15
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
64	86	3	N	Good (9.0 mi)	100% cloud cover/overcast (AM)

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

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

Nesting Bird Observations:

- The BirdBuffer is being used in the electrical transmission bay to deter avian activity. No avian activity was observed in the electrical transmission bay when the vapor-based avian deterrent was being aerosolized (anecdotal observation only; systematic data was not collected).
- House finch (*Haemorhous mexicanus*) and mourning dove (*Zenaida macroura*) pairs were observed on the EPS site.
- No additional observations were noted.

Special-Status Species Observed:

- American peregrine falcons (*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]) 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 WL) was observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW Watch List [WL]) were observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

- A predated desert cottontail (*Sylvilagus audubonii*) was observed in the chute staging area. A Wildlife Observation Form (WOF) was completed and the carcass was discarded.
- No additional observations were noted.

Other Observations/Comments:

- The demolition contractor was not on-site because of the coronavirus.
- No additional observations were noted.

Items Requiring Action/Follow-up

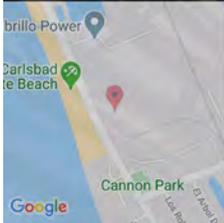
- Dumpsters need to be covered when the demolition contractor can return to the site.

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 gull, desert cottontail, double-crested cormorant, European starling (*Sturnus vulgaris*), Heermann's gull (*Larus heermanni*), house finch, house sparrow (*Passer domesticus*), lesser goldfinch (*Spinus psaltria*), mourning dove, northern mockingbird (*Mimus polyglottos*), royal tern (*Thalasseus maximus*), Say's phoebe (*Sayornis saya*), song sparrow (*Melospiza melodia*), western fence lizard (*Sceloporus occidentalis*), western gull (*Larus occidentalis*), and western kingbird (*Tyrannus verticalis*).

Photo 1

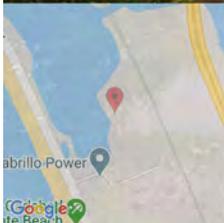


	Decimal	DMS	 17°C 63°F
	Latitude	33.135469	
	Longitude	-117.336511	117°20'11" W
			2020-06-26(Fri) 07:28(AM)

Location	EPS site	Description	No avian activity was observed within the electrical transmission bay when the BirdBuffer was releasing the vapor deterrent (smells like grapes).
-----------------	----------	--------------------	---

Photo 2

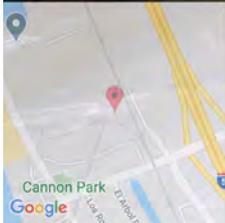


	Decimal	DMS	 17°C 63°F
	Latitude	33.140089	
	Longitude	-117.336735	117°20'12" W
			2020-06-26(Fri) 08:43(AM)

Location	EPS site	Description	Overview of the northern staging area, facing east.
-----------------	----------	--------------------	---

Photo 3



	Decimal	DMS	 17°C 63°F
	Latitude	33.135501	
	Longitude	-117.333278	117°19'59" W
2020-06-26(Fri) 10:10(AM)			

Location	EPS site	Description	No house finch activity was observed in the southeastern warehouse.
-----------------	----------	--------------------	---

Photo 4



	Decimal	DMS	 17°C 63°F
	Latitude	33.134941	
	Longitude	-117.335781	117°20'8" W
2020-06-26(Fri) 10:50(AM)			

Location	EPS site	Description	Dumpsters will be covered when the demolition contractor can return to the site.
-----------------	----------	--------------------	--

Appendix B
Observed Wildlife Species List

**Observed Wildlife Species List June 2020
Encina Power Station**

Common Name	Scientific Name	Status Federal/State/Other
Birds		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American bushtit	<i>Psaltriparus minimus</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American peregrine falcon	<i>Falco peregrinus anatum</i>	BCC/FP/CDF: S
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/FP/--
California gull	<i>Larus californicus</i>	--/WL/--
California towhee	<i>Melospiza crissalis</i>	--/--/--
Double-crested cormorant	<i>Phalacrocorax auratus</i>	--/WL/--
European starling	<i>Sturnus vulgaris</i>	--/--/--
Great blue heron	<i>Ardea herodias</i>	--/--/CDF: S
Heermann's gull	<i>Larus heermanni</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/--
House wren	<i>Troglodytes aedon</i>	--/--/--
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mallard	<i>Anas platyrhynchos</i>	--/--/--
Mourning dove	<i>Zenaidura macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Osprey	<i>Pandion haliaetus</i>	--/WL/CDF: S
Royal tern	<i>Thalasseus maximus</i>	--/--/--
Say's phoebe	<i>Sayornis saya</i>	--/--/--
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Western kingbird	<i>Tyrannus verticalis</i>	--/--/--
Wrentit	<i>Chamaea fasciata</i>	--/--/--
Mammals		
Desert cottontail	<i>Sylvilagus audubonii</i>	--/--/--
Reptiles		
Common side-blotched lizard	<i>Uta stansburiana</i>	--/--/--
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

Source:

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. 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 Form

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
26 June 2020	Melissa Fowler	High Country Consulting

Location of Observation

In the chute staging area.

Wildlife Species	Condition of Wildlife (alive/dead)
Desert cottontail (<i>Sylvilagus audubonii</i>)	Dead

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

Predation.

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 N/A

If Yes, Explain

Additional Comments

None.

ATTACHMENT E

**CUL-5 AND PAL-5
CERTIFICATION OF COMPLETION,
WORKER ENVIRONMENTAL AWARENESS PROGRAM,
JUNE 2020**

No WEAP training required in June 2020

ATTACHMENT F

**CUL-6/PAL-6
PALEONTOLOGICAL RESOURCE MONITORING
JUNE 2020**

No monitoring required in June 2020

ATTACHMENT G

**COMPLIANCE-6
SUMMARY TABLE OF NOISE HOTLINE CALLS
JUNE 2020**

No Noise Hotline calls in June 2020

ATTACHMENT H

**TRANS-5
ROADWAY INSPECTION
JUNE 2020**

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

ATTACHMENT I

**TRANS-6
TRANSPORTATION PERMITS
JUNE 2020**

No transportation permits were obtained in June 2020

**ATTACHMENT J
TRANS-8
TRAFFIC ENCROACHMENT PERMITS
JUNE 2020**

No traffic encroachment permits were obtained in June 2020

ATTACHMENT K

**SOIL&WATER-2
CONSTRUCTION WATER USAGE SUMMARY**

**SOIL&WATER-9
WASTEWATER SUMMARY**

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

Water use Summary, June 2020.

Phase IV Demolition (Started November 2019)

Potable Water Used*: 0 gallons

Reclaim Water Used**: 0 gallons

Completed Phase(s)

Phase I Demolition (Completed August 2016)

Potable Water Used: 612,700 gallons

Reclaim Water Used: 0 gallons

Phase II Construction Total Water Use (Completed December 2018)

Potable Water Used: 6,575,440 gallons

Reclaim Water Used: 13,145,265 gallons

Phase III Decommissioning (Completed October 2019)

Potable Water Used*: 0 gallons

Reclaim Water Used**: 0 gallons

Cumulative Water Use Phase I, II, III, IV

Potable Water Used: 7,188,140 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 self-supplies 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 June 2020.

ATTACHMENT L

**GEN-2 and TSE-1
MASTER DRAWING LIST UPDATE
JUNE 2020**

No master drawing list exists for demolition in June 2020

ATTACHMENT M

**GEN-3
PROOF OF PAYMENT TO DCBO
JUNE 2020**

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

ATTACHMENT N

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

JUNE 2020

***No DCBO approvals or inspections were conducted for demolition in
June 2020***

**LIST OF DCBO PLAN APPROVALS
AND INSPECTIONS
JUNE 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
JUNE 2020**

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

**WORKER SAFETY-3
CONSTRUCTION SAFETY SUPERVISOR
MONTHLY SAFETY REPORT
JUNE 2020**

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

ATTACHMENT P

**WORKER SAFETY-4
CBO SAFETY MONITOR INSPECTION
MONTHLY SAFETY REPORT
JUNE 2020**

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

ATTACHMENT Q

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

No non-conformance reports for demolition in June 2020