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Cabrillo Power I LLC

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

May 2022 Reporting Period

June 2022

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This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the demolition phase of the Encina Power Station (EPS) from May 1 through May 31, 2022, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2.0

BIOLOGICAL MONITORING SUMMARY

This section summarizes biological monitoring activities conducted during the May 2022 reporting period. Demolition mobilization began November 2019, and the start of demolition began on January 29, 2020.

Biological monitoring by the Designated Biologist is conducted monthly during the nesting season since the majority of demolition has been completed. The Biological Resources Compliance Monitoring Logs are provided in Appendix A. A list of wildlife species observed during the monitoring events is included in Appendix B. Wildlife Observation Forms (WOF) 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 as described above, as well as on-call monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site.

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

2.1

NESTING BIRDS

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

2.3

SPECIAL-STATUS SPECIES

Two special-status avian species were observed during the reporting period, which included the following: California brown pelican (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife [CDFW] Fully Protected [FP])) and double-crested cormorant (*Phalacrocorax auratus*; CDFW Watch List [WL]). 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. A list of wildlife species observed during the monitoring events are included in Appendix B.

2.4 WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES

2.4.1 *Migratory Bird Treaty Act Protected Species*

On May 23, 2022, a deceased California brown pelican was found in the southwestern corner of the parking lot. The death was not project related as it was outside of the demolition project boundary with no visible signs of trauma, and CDFW was notified. Multiple agencies were contacted, but they were not interested in retrieving the carcass.

No additional injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed within the EPS site. A list of wildlife species observed during the monitoring events are included in Appendix B.

2.4.2 *Other Species*

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

2.5 HAZARDOUS MATERIAL SPILLS

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

2.6 TRASH

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

2.8 NON-COMPLIANCE REPORT

No non-compliance notifications or incident reports were issued.

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>

Appendix A
Biological Resources Compliance Monitoring Logs

NRG Energy Encina Power Station (EPS) Project					
BIOLOGICAL RESOURCES					
COMPLIANCE MONITORING LOG					
Date		Monitor			Time (Begin-End)
May 21, 2022		Melissa Fowler			10:30-12:00
Temperature (°F)	Humidity (%)	Wind (mph)	Precipitation (Y/N, amount)	Visibility	Weather Comment
62	76	8	N	Good visibility (10 mi)	100% cloud cover
Location(s) of Work Site Activities Monitored					
NRG EPS site.					
Summary of Biological Resources Monitoring Observations					
<p>Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.</p> <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> European starlings (<i>Sturnus vulgaris</i>) area nesting in the transmission line poles within the San Diego Gas & Electric (SDGE) switchyard. A killdeer (<i>Charadrius vociferus</i>) eggshell fragment was found, but no active nests were observed. Raccoon tracks were also observed nearby. No additional observations were noted. <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> California brown pelicans (<i>Pelecanus occidentalis californicus</i>; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]) were observed within the project vicinity. Double-crested cormorants (<i>Nannopterum auritum</i>; CDFW Watch List [WL]) were observed within the project vicinity. No additional special-status species were observed. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> Coyote (<i>Canis latrans</i>) and raccoon (<i>Procyon lotor</i>) tracks were observed. No additional observations were noted. <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> Litter was observed within the EPS site. A request was submitted to the contractor to conduct litter removal. No additional observations were noted. 					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none"> A request was submitted to the contractor to conduct litter removal. 					
Wildlife Species Observed					
<p>American crow (<i>Corvus brachyrhynchos</i>), Anna's hummingbird (<i>Calypte anna</i>), black-chinned hummingbird (<i>Archilochus alexandri</i>), California brown pelican, double-crested cormorant, European starling, house finch (<i>Haemorrhous mexicanus</i>), mourning dove (<i>Zenaida macroura</i>), song sparrow (<i>Melospiza melodia</i>), western fence lizard (<i>Sceloporus occidentalis</i>), western gull (<i>Larus occidentalis</i>), and wrentit (<i>Chamaea fasciata</i>).</p>					

Photo 1



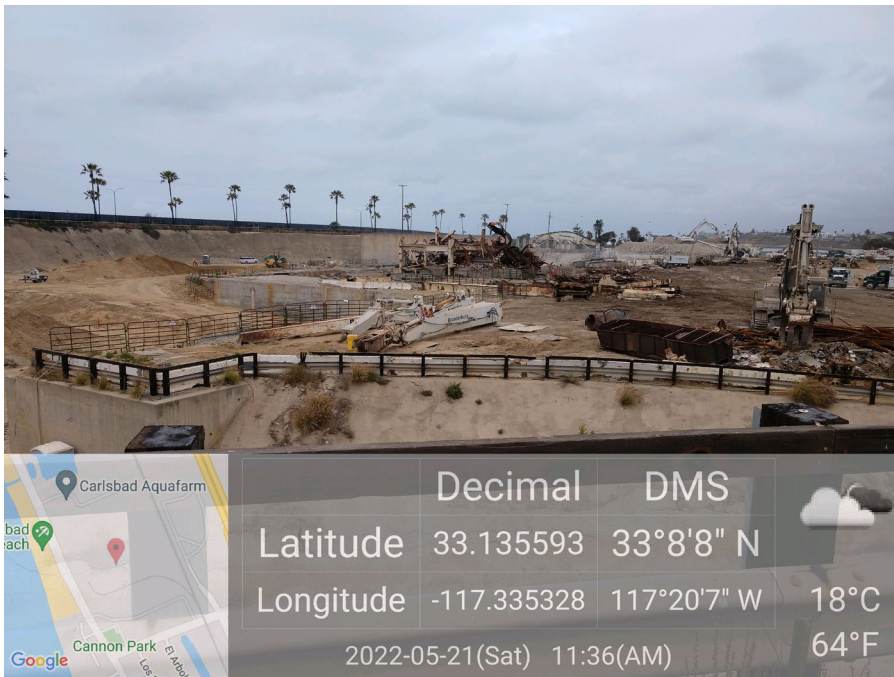
Location

EPS site

Description

Overview of the northern staging area.

Photo 2



Location

EPS site

Description

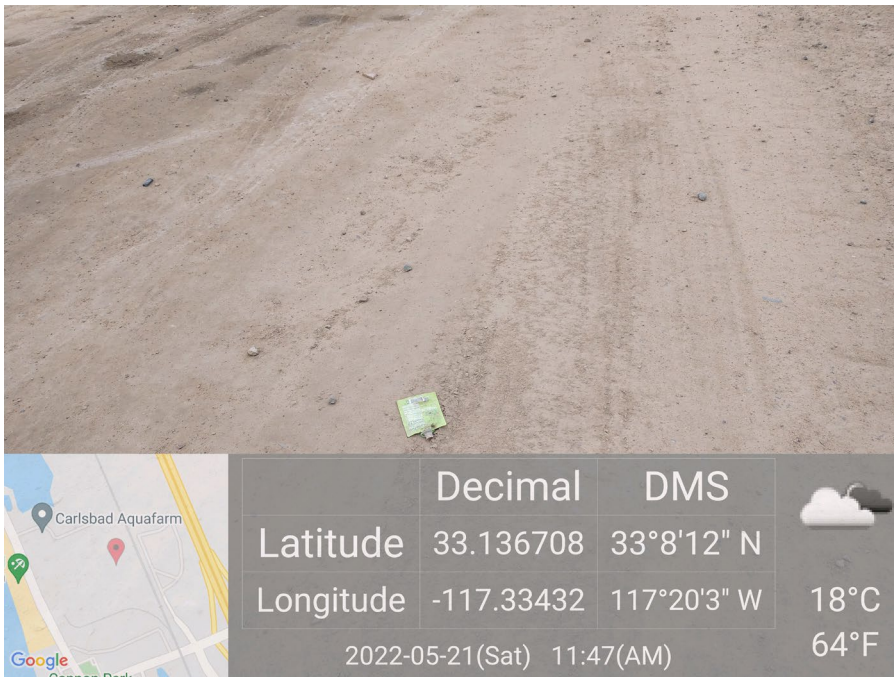
Overview of demolition activities.

Photo 3



Location	EPS site	Description	Overview of demolition activities.
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Photo 4



Location	EPS site	Description	Litter was observed on the access road.
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Photo 5



Location	EPS site	Description	Overview where the dead California brown pelican was found on May 23, 2022. The photo was provided by NRG.
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Photo 6



Location	EPS site	Description	Close-up view of the dead California brown pelican that was found on May 23, 2022. The photo was provided by NRG.
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Appendix B
Observed Wildlife Species List

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

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
Anna's hummingbird	<i>Calypte anna</i>	--/--/--
Black-chinned hummingbird	<i>Archilochus alexandri</i>	--/--/--
California brown pelican	<i>Pelecanus occidentalis californicus</i>	--/FP/--
Double-crested cormorant	<i>Nannopterum auratus</i>	--/WL/--
European starling	<i>Sturnus vulgaris</i>	--/--/--
House finch	<i>Haemorhous mexicanus</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Song sparrow	<i>Melospiza melodia</i>	--/--/--
Western gull	<i>Larus occidentalis</i>	--/--/--
Wrentit	<i>Chamaea fasciata</i>	--/--/--
Mammals		
California ground squirrel	<i>Otospermophilus beecheyi</i>	--/--/--
Coyote (tracks)	<i>Canis latrans</i>	--/--/--
Raccoon (tracks)	<i>Procyon lotor</i>	--/--/--
Reptiles		
Western fence lizard	<i>Sceloporus occidentalis</i>	--/--/--

Source:

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

Status Codes:

If status codes are not provided, it indicates that the observed species is not a special-status species.

Federal:

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range

FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

CSC = California Species of Special Concern Species of concern to California Department of Fish and Wildlife (CDFW) because of declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

- California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.

- North American Bird Conservation Initiative (NABCI) - Red Watch List (RWL)

- United States Forest Service (USFS) - Sensitive (S)

Appendix C
Wildlife Observation Forms

<p align="center">WILDLIFE OBSERVATION FORM</p> <p align="center">To Record Animals Found In Amended Carlsbad Energy Center Project (Amended CECP) Work Areas</p>	
<p>To be filled out by personnel who find active nest sites, dens, and dead or injured wildlife, or other biological resources during daily construction activities.</p>	
Name of employee:	Nikki Bottum
Date:	05/23/2022
Location of observation:	NRG Cabrillo Power, 4600 Carlsbad Blvd, Carlsbad, CA 92008. Found in SW corner of property in parking area.
Wildlife Species: Condition of wildlife: <div style="display: flex; justify-content: space-around; align-items: center;"> alive <input type="checkbox"/> ✓ dead <input type="checkbox"/> </div>	
Possible cause of injury or death:	Unknown
Where is the animal currently?	Disposed in dumpster with lid that ties down
Is the resource in danger of project (or other) impacts?	No
Comments:	A dead pelican was found in the parking area of the NRG property. I was contacted to dispose of the carcass. Using gloves & a garbage bag I collected it. I disposed of the carcass in a dumpster on site.
<p>Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Wildlife (CDFW) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.</p>	
DESIGNATED BIOLOGIST: Melissa Fowler; Melissa.Fowler@erm.com; Cell: (714) 768-1173; Office (949) 623-4700	
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