

DOCKETED

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Project Title:	Inland Empire Energy Center Project Compliance
TN #:	235872
Document Title:	Monthly Compliance Report for July 2020
Description:	N/A
Filer:	Paul Kihm
Organization:	Latham & Watkins LLP
Submitter Role:	Applicant Representative
Submission Date:	12/7/2020 4:13:12 PM
Docketed Date:	12/7/2020

August 12, 2020

Keith Winstead, CEC Compliance Project Manager
California Energy Commission
Siting Transmission and Environmental Protection
1516 Ninth Street, MS 15
Sacramento, CA 95814-5512

RE: Monthly Compliance Reports (MCR) for July 2020

Dear Mr. Winstead;

On behalf of Inland Empire Energy Center, LLC, ATC Group Services (ATC) is pleased to submit the July 2020 Monthly Compliance Report (MCR) for the IEEC Demolition Project. This MCR is being provided to comply with requirements set forth in the Decommissioning and Demolition Plan for the IEEC, dated June 20, 2019 (Docket No. 01-AFC-17C). This MCR consists of the following specific documents, included as attachments to this submittal letter:

- Attachment A - Air Quality Construction Mitigation Report;
- Attachment B - Monthly Biological Monitoring Report

Thank you and please call me with any questions or clarifications.

Sincerely,



Jim Nuccio
732-859-0525
Jim.nuccio@atcgs.com

CC: IEEC/GE Power Project Team



Attachment A
Air Quality Construction Mitigation Monthly
Report – July 2020

AIR QUALITY CONSTRUCTION MITIGATION REPORT

IEEC DEMOLITION PROJECT

MONTHLY REPORT JULY 2020

Pursuant to Condition AQ-SC3 issued by the California Energy Commission (CEC) for the decommissioning of the Inland Empire Energy Center (IEEC) project, this report details the compliances status of the project for July, 2020 with respect to the various air quality mitigation conditions that govern the project. This report has been prepared by the Air Quality Compliance Mitigation Manager (ACQMM), Mr. Paul Weir, Senior Air Quality Engineer, and evaluates the areas discussed below.

1a. Compliance Status of Mobile Off-Road Equipment

A total of thirty-four (34) Equipment Tags have been issued for individual diesel fueled mobile off-road vehicles to operate at the site. Most of these vehicles were no longer on the site by the end of July.

This equipment consists of the following off-road vehicles, as more fully detailed in ATTACHMENT 1A:

- 13 Excavators (only 8 of which were present at the site at the end of July)
- 2 Front-End Loaders (neither of which was present at the site anytime in July)
- 5 Skid-Steer Loaders (only 2 of which were still present at the site anytime in July)
- 2 Forklifts (only 1 of which was still present at the site anytime in July)
- 1 Aerial Lift (not present at the site anytime during July)
- 9 Boom Lifts (only 3 of which were still present at the site at the end of July)
- 1 Tracked Loader
- 1 Off-Road Crane

1b. Compliance Status of Portable Equipment

A total of (4) Equipment Tags have been issued for pieces of diesel fueled portable equipment; however only 1 piece remained present at the site at the end of July, as more fully in ATTACHMENT 1B:

- 1 Generator Set (75 KW) (not present at the site anytime during July)
- 3 Air Compressors (185 CFM) (only 1 of which was present at the site anytime in July)

All mobile off-road equipment, as well as all portable equipment, present at the IEEC project during July, 2020 was found to be in compliance with the various California Diesel-Fueled Fleet Regulations. All mobile off-road equipment and portable equipment present at the site was inspected daily to verify the presence of the Equipment Tags. Fuel records were inspected weekly to determine the fuel consumption of each piece of equipment and fuel invoices were reviewed semi-monthly to verify that all diesel fuel met the California Air Resources Board (ARB) standards for ultra-low sulfur diesel fuel of 15 PPM sulfur.

Examples of typical fuel invoices from the two fuel vendors (Dion and Sons and Flyer Energy) are found in ATTACHMENT 2. Copies of all fuel invoices are kept available for review in the ATC office located at the site.

2. Compliance Status of Mobile On-Highway Vehicles

An additional Certificate of Reported Compliance, as issued by the California ARB for the following on-road vehicle fleet that will operate at the IEEC project, was received and reviewed:

- Bragg Investment Company, Inc. Fleet ID 9775 Expires December 31, 2020

All of the on-road vehicle fleets currently being utilized at the IEEC project remained in full compliance with the California ARB Truck and Bus Regulation for on-road vehicles.

3. Compliance with Visible Emission Standards

Observations of all on-site demolition activities were conducted during each day of operation by State of California ARB Certified Visible Emission Evaluators (VEE) Andy Pulido and Paul Weir. Observations were often conducted for multiple hour intervals for both demolition activities and the loading of demolished material into haul trucks for removal from the site. The demolition work accomplished in July, 2020 consisted primarily of the mass wrecking of the Unit #2 turbine structure and concrete deck, as well as the demolition and processing of foundations in the cooling tower courtyard. By mid-month, the mass wreck of Unit #1 had commenced, as well as the preparation for processing the condenser shell for Unit #2. Additional work involved sorting and processing of steel and debris for off-site removal, with approximately 2,100 tons of material being loaded into trucks and then hauled off-site in the month of July.

All demolition activities were found to be in compliance with the following two project conditions:

- 1) No visible emissions of greater than 20% at the specific activity being observed
- 2) No visible emissions crossing the property line

All observed loading of demolished material into haul trucks for removal from the site was accomplished with no visible emissions.

4. Additional Comments on Compliance

- A. All interior traveled surfaces subject to vehicle traffic were kept sufficiently clean or were watered to prevent dust emissions of greater than 20% opacity at any time, and to keep any visible dust emissions from crossing the property line.
- B. Pre-watering occurred for all components that were scheduled for demolition. In addition, watering of the various structures continued during actual demolition, with additional water being applied to the demolished materials before and during loading into on-highway trucks for removal from the site.

ATTACHMENT 1

JULY 2020

STATUS OF DIESEL FUELED EQUIPMENT AUTHORIZED AT SITE

A. MOBILE OFF-ROAD EQUIPMENT

EQUIPMENT TAG	MAKE & MODEL	ON-SITE?	
		AT START OF MONTH	AT END OF MONTH
EXCAVATORS			
ME-1-01-A	75X3 LINKBELT	NO	NO
ME-1-02-D	1200 HITACHI	YES	YES
ME-1-03-A	490 LINKBELT	NO	NO
ME-1-04-A	350X4 LINKBELT	NO	NO
ME-1-05-A	870 HITACHI	YES	YES
ME-1-06-A	350 LINKBELT	NO	NO
ME-1-07-A	750 LINKBELT	YES	YES
ME-1-08-A	490 LINKBELT	YES	YES
ME-1-09-A	490 LINKBELT	YES	YES
ME-1-10-A	250 LINKBELT	NO	YES
ME-1-11-A	750 LINKBELT	NO	YES
ME-1-12-A	R924 LIEBHERR	NO	NO
ME-1-13-A	250 LINKBELT	NO	YES
FRONT-END LOADERS			
ME-4-01-A	JOHN DEERE 544L	NO	NO
ME-4-02-A	JOHN DEERE 544L	NO	NO
SKID-STEER LOADERS			
ME-5-01-E	T590 BOBCAT	NO	NO
ME-5-02-E	T550 BOBCAT	NO	NO
ME-5-03-E	S750 BOBCAT	NO	NO
ME-5-04-E	S740 BOBCAT	YES	YES
ME-5-05-E	S750 BOBCAT	YES	YES
OFF-ROAD CRANES			
ME-6-01-A	LR1300 LIEBHERR	NO	YES
FORKLIFTS			
ME-7-01-E	12 K GRADEALL	YES	YES
BOOM LIFTS			
ME-8-01-E	JLG 600S	NO	NO
ME-8-02-E	SKYJACK SJ63AJ	NO	NO

A. MOBILE OFF-ROAD EQUIPMENT (CONTINUED)

EQUIPMENT TAG	MAKE & MODEL	ON-SITE?	
		AT START OF MONTH	AT END OF MONTH
BOOM LIFTS			
ME-8-03-E	GENIE	NO	NO
ME-8-04-E	SKYJACK SJ86T	NO	NO
ME-8-05-E	GENIE S-85	NO	NO
ME-8-06-E	GENIE S-125	YES	NO
ME-8-07-E	GENIE S-85	YES	YES
ME-8-08-E	GENIE SX-125	NO	YES
ME-8-09-E	GENIE SX-125	NO	YES
AERIAL LIFTS			
ME-9-01-E	JLG 600 AJ	NO	NO
TRACKED LOADERS			
ME-10-01-C	CAT 973D	YES	YES

B. PORTABLE EQUIPMENT

EQUIPMENT TAG	MAKE & MODEL	ON-SITE?	
		AT START OF MONTH	AT END OF MONTH
GENERATOR SETS			
PE-1-01-A	75 KW GEN-SET	NO	NO
AIR COMPRESSORS			
PE-2-01-F	185 CFM SULLAIR	YES	YES
PE-2-02-F	185 CFM SULLAIR	NO	NO
PE-2-03-F	185 CFM ATLAS COPCO	NO	NO

ATTACHMENT 2

JULY, 2020

ULTRA LOW SULFUR DIESEL FUEL EXAMPLE INVOICES

	SUPPLIER	DATE	INVOICE NUMBER	AMOUNT
2-A	Dion and Sons, Inc.	7/15/20	19120	584 GALLON
2-B	Flyers	7/15/20	CFS-2332483	797 GALLON

ATTACHMENT 2-A
JULY 2020

ULTRA LOW SULFUR DIESEL FUEL INVOICE

DION AND SONS, INC. 7/15/2020/20 19120 584 GALLON



- ◆ FUELS
- ◆ LUBRICANTS
- ◆ SOLVENTS
- ◆ CARDLOCK
- ◆ INDUSTRIAL SERVICES

QUALITY ◆ INTEGRITY ◆ SERVICE
SINCE 1930

1100 W. KEY STREET
OAKLAND, CA 94612-4101
888-424-8100 FAX 925-771-8100

NUMBER	1-0180
DATE	1-17-80
DELIVERY DATE	1-17-80

SOLD TO
SILVERADO CONTRACTORS, INC.
2815 MARDELA FREWAY
3RD FLOOR
OAKLAND, CA 94602

PHONE 425-24-8100
2815 MARDELA RD
OAKLAND, CA 94602

CUSTOMER ORDER NUMBER	ORDERED BY	DUE DATE	TERMS
20-005	<div style="border: 1px solid red; padding: 5px;"> THIS PRODUCT IS DYED DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR AND CETANE INDEX OR AROMATIC </div>
SHIP VIA	TAKEN BY	ORDER DATE	
TRUCK	

QUANTITY	PACKAGE	CODE	DESCRIPTION	PRICE / PACKAGE	EXTENSION
			20-0005 1-0180		

DRIVER	BULK	B A R R E L	DEL.	RET.	CHG.	CREDIT	QUANTITY RECEIVED IN GOOD ORDER	T O T A L
...							X	

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per Dion & Sons.

DELIVERY COPY

ATTACHMENT 2-B
JULY 2020

ULTRA LOW SULFUR DIESEL FUEL INVOICE

FLYERSENERGY LLC

7/15/2020

CFS-2332483

797 GALLON

RECEIVED JUL 21 2020



Fuel Card Invoice

2360 Lindbergh Street • Auburn, CA 95602
(800) 899-2376 (800) 899-2376

CLOSING DATE	INVOICE DATE	DUE DATE
07/15/2020	07/15/2020	8/1/2020

ACCOUNT NUMBER	INVOICE NUMBER	INVOICE AMOUNT
14807	CFS-2332483	

Due by Sat 08/01/2020 (Net 15 Days)

25.537813.D11 1of4
Silverado Contractors, Inc.
2855 Mandela Parkway 2nd Floor
Oakland, CA 94608

Flyers Energy, LLC
Dept #34516
P.O. Box 39000
San Francisco, CA 94139-0001

080120 00014807 0001323758 4

Riverside CA Cardlock at 3020 E. La Cadena Dr. is now open.
Please detach at perforation and include this portion with your remittance in the envelope provided.

Date/Time	Card	Site	Product	Veh	Manual	Odometer	MPG	Units	Unit Price	Amount
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Card Processing Invoice



Silverado Contractors, Inc.
Account: 14807

Original Page: 2
Invoice Date: 07/15/2020
Invoice No: CFS-2332483

Date/Time	Card	Site	Product	Veh	Manual	Odometer	MPG	Units	Unit Price	Amount
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Card Processing Invoice

Silverado Contractors, Inc.
Account: 14807

Original Page: 3

Invoice Date: 07/15/2020

Invoice No: CFS-2332483

Date/Time	Card	Site	Product	Veh	Manual	Odometer	MPG	Units	Unit Price	Amount
2198586 - FEDERICO MACIAS										
07/01/20	5:39p	2198586	Azusa, CA - 6261	Diesel #2	0000	200,035	0.00	73.08	3.04685	222.67
07/03/20	6:08p	2198586	Azusa, CA - 6261	Diesel #2	0000	200,005	999.99	74.99	3.09565	232.17
07/06/20	4:19p	2198586	Azusa, CA - 6261	Diesel #2	0000	200,005	0.00	75.00	3.09594	232.18
07/08/20	4:31p	2198586	Azusa, CA - 6261	Diesel #2	0000	200,005	0.00	75.03	2.99719	224.87
07/13/20	5:21p	2198586	Azusa, CA - 6261	Diesel #2	0000	200,005	0.00	72.18	2.98235	215.26
2198586 - FEDERICO MACIAS Total								370.28		1,127.15

Card Processing Invoice



Silverado Contractors, Inc.
Account: 14807

Original Page: 4
Invoice Date: 07/15/2020
Invoice No: CFS-2332483

Date/Time	Card	Site	Product	Veh	Manual	Odometer	MPG	Units	Unit Price	Amount
5475643 - SALVADOR GUERRA										
07/01/20	3:12a	5475643	Santa Fe Springs, CA - 61 Regular	0000		5	0.00	11.19	2.80761	31.42
07/03/20	9:48a	5475643	Santa Fe Springs, CA - 61 Regular	0000		5	0.00	10.13	2.87195	29.09
07/07/20	4:19p	5475643	Santa Fe Springs, CA - 61 Diesel #2	0000		637	23.13	27.32	2.99425	81.80
07/10/20	1:58p	5475643	Santa Fe Springs, CA - 61 Diesel #2	0000		637	0.00	27.35	2.98230	81.56
5475643 - SALVADOR GUERRA Total								75.99		223.87

Card Processing Invoice

Silverado Contractors, Inc.
 Account: 14807

Original Page: 5
 Invoice Date: 07/15/2020
 Invoice No: CFS-2332483

Date/Time	Card	Site	Product	Veh	Manual	Odometer	MPG	Units	Unit Price	Amount
								RDSL Total		2,994.72
								Card Transaction Totals		4,580.12

Invoice Fees	Total
Regulatory Compliance Fee	4.99

Tax Authority/Tax	Exception Certificate	Tax Basis	Tax Rate	Actual Tax Amount
Antioch, CA - Antioch Trans & Use Tax			1.00000 %	
Belmont, CA - Belmont District Tax			0.50000 %	
CA County Alameda - Alameda County Transit Tax			2.50000 %	
CA County Contra Costa - Contra Costa Tax			1.00000 %	
CA County Los Angeles - Los Angeles County Transit T			2.25000 %	
CA County Merced - Merced County District Tax			0.50000 %	
CA County Monterey - Monterey County District Tax			0.50000 %	
CA County Sacramento - Sacramento County			0.50000 %	
CA County San Bernardino - San Bernardino County			0.50000 %	
CA County San Francisco - San Francisco Cnty Transit			1.25000 %	
CA County San Joaquin - San Joaquin County Transit 1			0.50000 %	
CA County San Mateo - San Mateo County Transit Tax			2.00000 %	
CA County Santa Clara - Santa Clara County Transit T:			1.75000 %	
CA County Santa Cruz - Santa Cruz County			1.75000 %	
CA County Solano - Solano County Public Lib.Tax			0.12500 %	
CA County Sonoma - Sonoma County Transit Tax			1.00000 %	
CA County Stanislaus - Stanislaus Cnty S.T.C.L.T. Tax			0.62500 %	
California Environmental - AB32 Imp fees - DSL			0.00324	
California Environmental - AB32 Imp fees - GAS			0.00278	
California Excise Tax - Ca Diesel Excise			0.38500	
California Excise Tax - Ca Gas Excise			0.50500	
California Sales Tax - CA Sales Tax			7.25000 %	
California Sales Tax - CA Sales Tax - DSL			13.00000 %	
California Sales Tax - CA Sales Tax - GAS			2.25000 %	
California Sales Tax - CA Sales Tax - RED			7.25000 %	
Concord, CA - City of Concord			0.50000 %	
Fairfield, CA - City of Fairfield			1.00000 %	
Federal Excise Tax - Fed Excise DSL (incl LUST)			0.24400	
Federal Excise Tax - Fed Excise Eth 10%			0.18400	
Federal Excise Tax - Federal LUST			0.00100	
Federal Excise Tax - Federal Oil Spill Tax DSL			0.00214	
Federal Excise Tax - Federal Oil Spill Tax Eth			0.00193	
Marina, CA - City of Marina Trans & Use			1.50000 %	
Rancho Cordova, CA - Rancho Cordova Trans & Use			0.50000 %	
Salinas, CA - City of Salinas Sales Tax			1.50000 %	
Santa Fe Springs, CA - Santa Fe Springs, CA			1.00000 %	
South El Monte, CA - City of South El Monte			0.50000 %	
South San Francisco, CA - City of South San Francisco			0.50000 %	
Underground Storage Fee - Underground Storage Tank			0.02000	
Watsonville, CA - City of Watsonville Sales Tax			0.75000 %	
Woodland, CA - City of Woodland WOSF Tax			0.75000 %	
Tax Summary Total				

Recap by Card Reporting Group and Card	Units	Amount	Taxes	Total
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Card Processing Invoice



Silverado Contractors, Inc.
Account: 14807

Original Page: 6
Invoice Date: 07/15/2020
Invoice No: CFS-2332483

<i>Recap by Card Reporting Group and Card</i>	Units	Amount	Taxes	Total
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<i>Recap by Product</i>	Units	Amount	Taxes	Total
87Eth C/L - Regular	538.65			
89Eth C/L - Midgrade	74.58			
91Eth C/L - Premium	24.54			
DEF OD - DEF	6.02			

Card Processing Invoice

Silverado Contractors, Inc.
Account: 14807

Original Page: 7
Invoice Date: 07/15/2020
Invoice No: CFS-2332483

Recap by Product	Units	Amount	Taxes	Total
Dsl #2 C/L - Diesel #2	3,139.57			
Red #2 C/L - Dyed DSL	796.75			

Invoice Total	Units	Amount
	4,580.12	

****Payment Terms Summary****
Due by Sat 08/01/2020 (Net 15 Days)

Attachment B
Monthly Biological Survey Report
July 2020



August 10, 2020
Job Number: 1104-015
IEEC Decommissioning - Monthly Monitoring Report

MEMORANDUM FOR THE RECORD

2.6 1104-015.M06

TO: ATC Group Services LLC
(Mr. Jim Nuccio)

General Electric Power
(Mr. Frank Escobedo)

*Final Report will be transmitted to:
California Energy Commission*

FROM: Sapphos Environmental, Inc.
(Ms. Paulette Loubet)

SUBJECT: Monthly Monitoring Report – July 2020

FIGURES: 1. Regional Vicinity Map
2. Biological Resources Observations

ATTACHMENTS: 1. Pre-Demolition Biological Survey Forms
2. Environmental Training Program Sign-In Sheet

Corporate Office:
430 North Halstead Street
Pasadena, CA 91107
TEL 626.683.3547
FAX 626.628.1745

Billing Address:
P.O. Box 655
Sierra Madre, CA 91025
Web site:
www.sapphosenvironmental.com

EXECUTIVE SUMMARY

This Memorandum for the Record (MFR) serves as the Monthly Biological Monitoring Report for the Inland Empire Energy Center (IEEC) Decommissioning and Demolition Project (Project) for the month of July 2020. As directed by the California Energy Commission (CEC) in accordance with the revised Closure Plan, Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), and the IEEC Closure Plan Staff Analysis and Recommendation prepared for the project, the Monthly Monitoring Report was prepared by the Designated Biologist (DB). Activities included weekly site checks conducted July 6, 13, 20 and 27 2020.

As part of the CEC approval of this project, activities must maintain compliance with mitigation measures identified in the BRMIMP. Implementation of these conditions of certification and the updated BRMIMP in the revised Closure Plan would ensure that closure activities comply with applicable LORS and would not result in significant impacts to biological resources.

The weekly site checks were performed by the Sapphos Environmental, Inc. DB (Ms. Paulette Loubet). During the weekly site checks, the DB verified that no active bird nests were present within any equipment or structures scheduled for demolition or that would be impacted within the surrounding area. As part of the Project kick-off, a Worker Environmental Awareness Program (WEAP) was presented to all crew members at the first day tailboard on February 24, 2020.

No new active nests were observed during the month of July. Bird activity throughout the Project area has greatly decreased, especially within the active work areas likely because of the number of machines and amount of heavy demolition occurring.

There are no active nests or nest buffers on site, and no full-time monitoring was required.

Anticipated Project activities for August 2020 include continued structural demolition of Units 1 and 2, use of a new crane to remove structures and equipment from on top of the units and continued clearing and sorting debris to be hauled off-site. August 31, 2020 is the final day of nesting bird season and the last weekly site check. Only monthly site checks will be required for the remainder of Project activities.

INTRODUCTION

This Memorandum for the Record (MFR) serves as the Monthly Biological Monitoring Report for the Inland Empire Energy Center (IEEC) Decommissioning and Demolition Project (Project) for the month of July 2020. The MFR includes reporting of any marked sensitive biological resource areas established for avoidance, the findings of any Pre-Demolition Surveys, Site Check data forms, Incident & Wildlife Observation Report Forms, and summaries of these records. Activities for the month of July 2020 included four (4) weekly site checks.

The IEEC is an existing natural gas-fired, combined-cycle generating facility located in Riverside County, California. The Project is owned and operated by Inland Empire Energy Center, LLC, which is an indirectly wholly owned subsidiary of General Electric Company (GE).

The Demolition scope to be completed includes removal of above-grade structures associated with Unit 1, Unit 2, and the cooling tower including support systems and appurtenances and removal of subsurface concrete pads, sumps, piping and structure (outside the power block footprint) within 12 feet of grade. At the completion of demolition activities, site grade will be returned to datum elevation. All areas excavated during demolition will be backfilled with existing site material and imported clean engineered fill, if necessary, to maintain the required site grade.

PROJECT LOCATION

The Project is located at 26226 Antelope Road, Menifee, California 92585. The Project site is located approximately 6.0 miles west of the City of Hemet, 4.0 miles east of the City of Perris, and 30.0 miles southeast of the City of Riverside (Figure 1, *Regional Vicinity Map*). The Project is located within the U.S. Geological Survey (USGS) 7.5-minute series Romoland topographic quadrangle.¹ The Project is roughly bound by Antelope Road to the northwest, Ethenac Road to the north, McLaughlin to the south, and an open undeveloped lot to the east.

The Project occupies approximately 35 acres within the 45.8-acre Project site. Approximately 24 fenced acres accommodate the power generation facility, a switchyard, a water treatment facility, storage tank areas, a parking area, a control room building, and two (2) storm water retention basins. The remaining 11 acres of the 35 developed acres are comprised of landscaped areas and access roads. The areas surrounding the Project site are also heavily disturbed and used primarily for industrial purposes. The site contains existing mature landscape trees and shrubs along the property line. The site also contains two (2) water retention basins on the south and southeast. Major Project structures and components are depicted in Figure 2, *Biological Resources Observations*.

METHODS

This section describes the methods undertaken by Sapphos Environmental, Inc. biologists to quantify avian species present within the Project area during weekly site checks. As the whole site has remained active no Pre-Demolition Surveys were conducted in the month of July. Additionally, with no active bird nests or nest buffers, full-time monitoring was not required.

¹ U.S. Geological Survey. [1952] 1967. 7.5-Minute Series Los Angeles Topographic Quadrangle. Reston, VA.

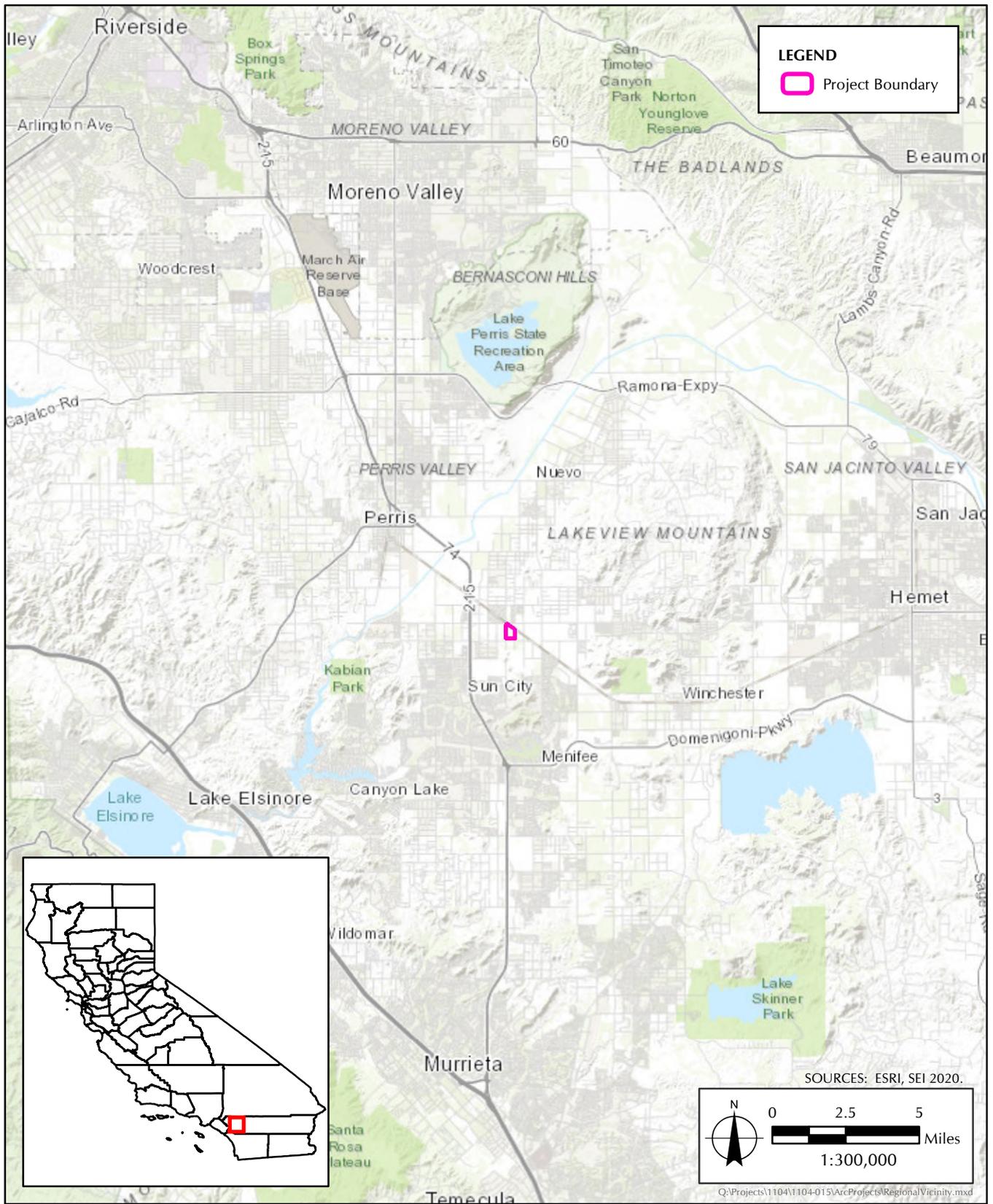


FIGURE 1
Regional Vicinity Map

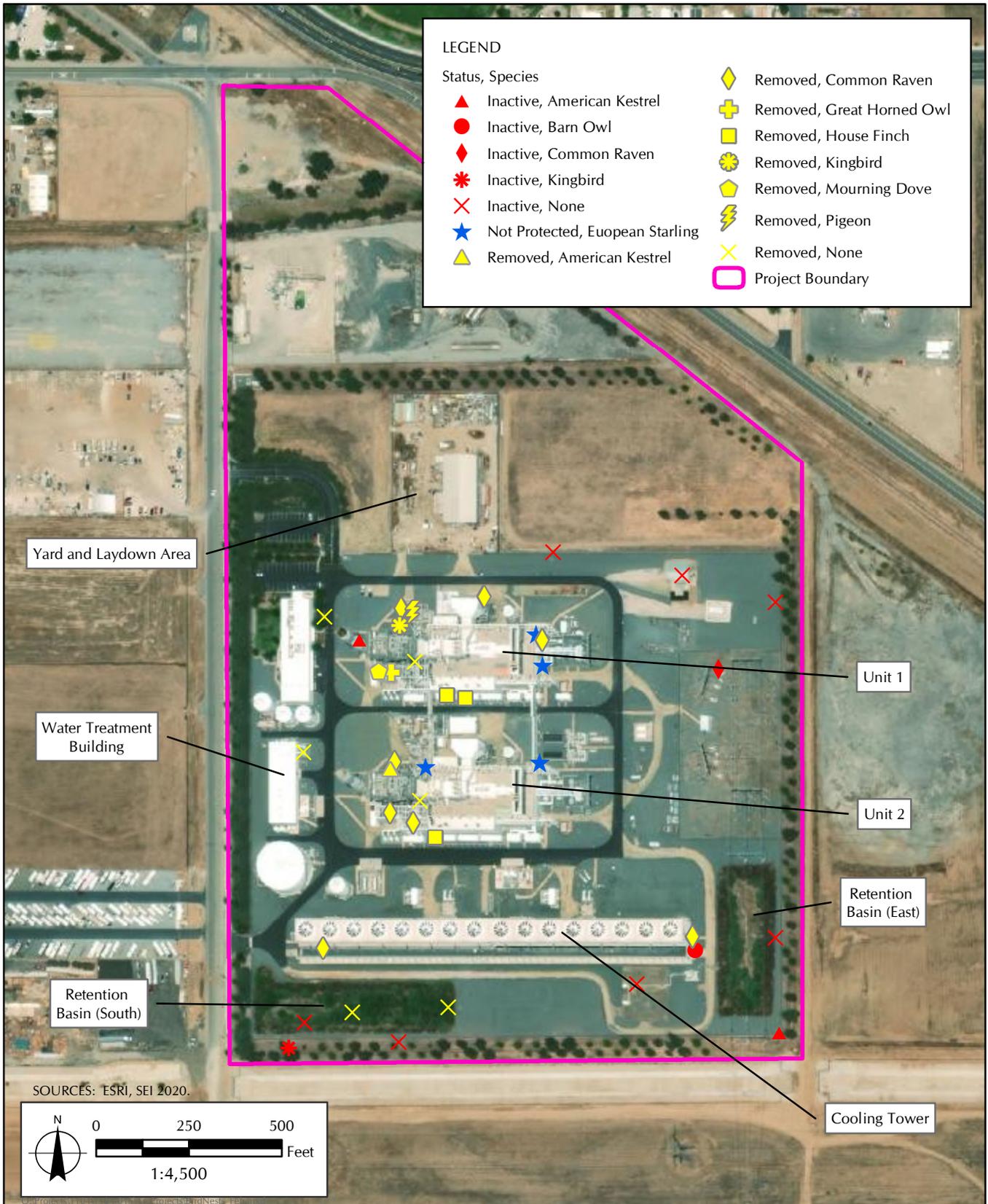


FIGURE 2
Biological Resources Observations

In compliance with the BRMIMP, once a Pre-Demolition Survey is completed and a work area was established, monitoring can be reduced to weekly site checks during nesting bird season.

Weekly site checks consist of a pedestrian search by the DB for both direct and indirect evidence of bird nesting. Direct evidence includes the visual identification of an actual nest location. Indirect evidence includes observing birds for nesting behavior, such as copulation, carrying food or nesting materials, nest building, adult agitation or feigning injury, feeding chicks, removal of fecal sacks, and other characteristic behaviors that indicate the presence of an active nest. Each site check was conducted in a single day and included completion of appropriate data forms.

If active songbird or raptor nests were observed within structures scheduled for removal, or within 300 feet of the demolition area, Project activities were suspended within a determined buffer of the nesting until the DB could arrive to monitor. After baseline observations were made by the DB, a species-specific nest buffer was established based on details such as nest location, stage of nesting (i.e., incubation, feeding chicks) and surrounding activities.

All observations have been recorded in a database, and a Survey Report Form was generated for each site check and monitoring (Attachment 1, *Pre-Demolition Biological Survey Forms*).

RESULTS

Impact Avoidance Measures

As part of the preparation for the Project kick-off, the WEAP was reviewed and updated to include details related to nesting birds. This information was presented at the first day tailboard on February 24, 2020 to all demolition crew members. The Certificate of Completion signed by all who attended the training is included in Attachment 2, *Environmental Training Program Sign-In Sheet*. No new crew members joined in the month of July.

As of the end of June there are no active nests or nest buffers on site. No new active nests were observed during the month of July, and no impact avoidance measures were established. On site bird activity has greatly decreased within the developed areas likely as a result of the amount of heavy demolition occurring.

Areas and Activities Monitored

A summary of the Weekly Site Checks is included below (Table 1, *Summary of Activities in July*). All Weekly Site Check and Monitoring Forms are included in Attachment 1. Due to the amount of demolition activity, safety concerns and construction area hazards, the DB could not enter or get very close to either unit. Figure 2, *Biological Resources Observations*, includes areas surveyed, sensitive biological resources observed on site as of July 2020.

**TABLE 1
SUMMARY OF ACTIVITIES IN JULY**

Date	Time	Staff	Activity in Progress	Crews/ Equipment	Comments	Required Action Items
7/6/2020	0630–0805	DB (Paulette Loubet)	Demo of south side of Unit 2; touching, cutting and cleaning up debris at various locations on site.	Water truck, excavators, forklift, boom lift and work trucks	DB (Paulette Loubet) conducted a weekly site check. No new nests were observed.	None. No active nests or nest buffers on site.
7/13/2020	0630–0800	DB (Paulette Loubet)	Demo of south side of Unit 2; HRZG deck of Unit 1 and cleaning up debris at various locations on site.	Water truck, excavators, bobcat, forklift, boom lift and work trucks	DB conducted a weekly site check. No new nests were observed site.	None. No active nests or nest buffers on site.
7/20/2020	0640–0740	DB (Paulette Loubet)	Demolition on north side of Units 1 and 2. Concrete sorting by cooling tower. Cleaning up debris at various locations on site.	Water truck, excavators, bobcat, forklift, work trucks	DB conducted a weekly site check. No new nests were observed.	None. No active nests or nest buffers on site.
7/27/2020	0700–0800	DB (Paulette Loubet)	None. Site on stand down.	None	DB conducted a weekly site check. No new nests were observed.	None. No active nests or nest buffers on site.

Incident & Wildlife Observation Report

No Incident & Wildlife Observation Report forms were completed for the month of July.

CONCLUSIONS

At every site visit conducted in July, the DB verified that no new migratory bird nests were present within currently active work areas, and clearance was granted for construction activities to continue. As of June 29, 2020, there are no active nests or nest buffers on site.

The following is a summary of scope of work for demolition and monitoring activities planned for the month of August 2020.

- Weekly Site checks will occur August 3, 10, 17, 24, and 31, 2020.
- The DB will continue to coordinate with construction management to schedule upcoming Pre-Demolition Surveys prior to the start of the next Project phases.
- August 31, 2020 is the final day of nesting bird season and the last weekly site check. Only monthly site checks will be required for the remainder of project activities.

Should there be any questions, or should further information be required, please contact Ms. Paulette Loubet at (626) 683-3547, extension 142.

ATTACHMENT 1
PRE-DEMOLITION BIOLOGICAL SURVEY FORMS

**Inland Empire Energy Center Project
Pre-Construction Biological Survey Form**

Date: Jul 6, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:30 End Time: 08:05	Page 1 of 4
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):

0630 Arrived on site. Site very active. Several excavators working mostly southside of Unit 2, demolishing steel and concrete portions of the turbine structure. Another crew welding/cutting on HGZG deck of Unit 2, and bucket lift crew cutting and dropping debris from the sides. Some work in cooling tower area sorting and hauling off materials. Another torch crew inside Unit 1 preparing for demolition. Due to safety concerns could not enter or go up on or get very close to both Units. Lots of falling hazards. Conducted full site check around both units and retention basins.

At the east basin observed male kestrel perched on line near transmission tower nest. Nest likely still active.

Surveyed around cooling tower, switch yard, hazmat shed and lay down yard.

DB did not observe much bird activity throughout the whole site. No new nests or nesting activity was observed. Did not observe any great horned owl or barn owls on site.

DB observed kestrels (adult and juvenile) in trees and abandoned gravel facility north of the site. No activity was observed at the stack on Unit 1

0805 DB left site

0900- 0930 called in to attended weekly ATC meeting

Habitat Description: All developed portions of the site and two retention basins.

Species Observed (attach additional sheet if necessary):

Animals
Hooded oriel, Mourning dove, pigeon, Says phoebe, Kingbird, Raven, Anna's hummingbird, American kestrel brush rabbit.

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities
Comments: None

Photographs:



West side of Unit 1, looking toward Unit 2 and courtyard area.



South side of Unit 2, all external structures removed.



Southeast retention basin, looking north.



East side of Unit 2, excavators demolishing turbine structures.



North side of Unit 1, looking west.

**Inland Empire Energy Center Project
Pre-Construction Biological Survey Form**

Date: Jul 13, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:30 End Time: 08:00	Page 1 of 4
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):

0630 Arrived on site. Two excavators with concrete crackers working on the southside of Unit 2, demolishing steel, and concrete. Another crew was welding/cutting on HGZG deck of Unit 1, and bucket lift crew cutting and dropping debris from the south side. In the cooling tower area several machines were sorting and crushing concrete.

Due to safety concerns could not enter or go up on or get very close to both Units. Lots of falling hazards. DB conducted full site check were access was allowed around both units and retention basins.

At the east basin the DB observed a male kestrel perched on line near transmission tower nest. Nest likely still active.

Surveyed around cooling tower, switch yard, hazmat shed and lay down yard.

DB only observed pigeons throughout the whole developed site, with other species observed in the vegetation of the retention basins.

No new nests or nesting activity was observed. Did not observe any great horned owl or barn owls on site. The DB also did not observe the kestrels in trees or abandoned gravel facility north of the site.

No activity was observed at the stack on Unit 1

0800 DB left site.

Habitat Description: All developed portions of the site and two retention basins.

Species Observed (attach additional sheet if necessary):

Animals
Mourning dove, pigeon, black phoebe, Anna's hummingbird, American kestrel, lesser goldfinch, bushtit, brush rabbit.

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities
Comments: None

Photographs:



North side of Unit 1, looking toward admin buildings.



South side of Unit 1.



Courtyard area looking east.



South side of Unit 2.



Southern boundary fence line and western basin.



East end of Unit 2.



Courtyard area looking west.

**Inland Empire Energy Center Project
Pre-Construction Biological Survey Form**

Date: Jul 20, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:40 End Time: 0740	Page 1 of 6
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):

0640 Arrived on site. Two excavators working on the north side of Unit 1, and a bucket lift and cutting crew on the HRZG deck. Another two excavator crew was working on demolition on the southeast end of Unit one and south end of Unit 2. In the cooling tower area several machines were sorting and crushing concrete.

Due to safety concerns could not enter or go up on or get very close to either Units. Lots of falling hazards.

DB conducted full site check were access was allowed around both units, hazmat shed, Silverado yard and retention basins.

At the east basin the DB did not observe any kestrel activity near transmission tower nest.

DB only observed pigeons throughout the whole developed site, with other species observed in the vegetation of the retention basins.

No new nests or nesting activity was observed. Did not observe any great horned owl or barn owls on site.

No activity was observed at the stack on Unit 1

0740 DB left site.

Habitat Description: All developed portions of the site and two retention basins.

Species Observed (attach additional sheet if necessary):

Animals
Rock pigeon, northern mockingbird, raven, black phoebe, Anna's hummingbird, song sparrow, brush rabbit,

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities
Comments: None

Photographs:



North side of Unit 1, facing east.



South side of Unit 1, facing east



North side of Unit 1 and courtyard preparation for crane, facing south east.



South side of Unit 2, facing east/



Concrete in cooling tower basin, facing east.



Southeast retention basin, facing south.



East end of Unit 2, facing west.



East end of Unit 1, facing west.



North east end of Unit 1, facing west.

**Inland Empire Energy Center Project
Pre-Construction Biological Survey Form**

Date: Jul 27, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 07:00 End Time: 08:00	Page 1 of 6
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):

0700 DB Arrived on site. Site on stand down due to fire last week, no work for a few days. New crane arrived last Wednesday and was staged on north side of unit 1. Conducted full site check around both units. Due to safety concerns could not enter or go up on or get very close to either Units. Surveyed around cooling tower, switch yard, hazmat shed and lay down yard. No nesting activity observed anywhere onsite. Did not observe any great horned owl or barn owls on site. Very little bird activity on site altogether.

Habitat Description: All developed portions of the site and two retention basins.

Species Observed (attach additional sheet if necessary):

Animals
Rock pigeon, raven, black phoebe, Anna's hummingbird, song sparrow, brush rabbit, Coopers Hawk

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities
Comments: None

Photographs:



South side of Unit 1 facing east.



North side of Unit 2 and courtyard, facing southeast.



South side of Unit 2, facing east/



Cooling tower concrete storage/processing.



Southern retention basin facing west.



Southeastern basin facing north.



East side of Unit 2 facing west.



Courtyard and east side of Unit 1, facing west.



Northwest side of Unit 1, facing west showing the new crane set up.

ATTACHMENT 2
ENVIRONMENTAL TRAINING PROGRAM SIGN-IN SHEET

CERTIFICATE OF COMPLETION

Inland Empire Energy Center, LLC (IEEC)
Environmental Training Program Sign-in Sheet

Date: 2/24/00

Instructor(s) Paulette Lambert

- ❖ I have attended the IEEC Environmental Training Program and understand the information I have been given.
- ❖ I understand that failure to abide by the procedures outlined in the Environmental Training Program may be cause for immediate dismissal from the project.
- ❖ I understand that it is illegal to disturb or destroy special-status plant and animal species or cultural resources, and that I will be held personally liable for any violations of the endangered species and cultural resource laws.
- ❖ I understand that I am required to display the Environmental Training Program hard hat decal at all times while I am on the construction site.

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for IEEC and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company	EMP ID #	Badge #	Parking Permit #
Brian Laubin	<i>[Signature]</i>	SILVERADO			
Michael Hernandez	<i>[Signature]</i>	Silverado			
Jimmy Sandover	<i>[Signature]</i>	SILVERADO			
Paul Alvarez	<i>[Signature]</i>	SILVERADO			
Jorge Garcia	<i>[Signature]</i>	SILVERADO			
Marko Mucuna	<i>[Signature]</i>	SILVERADO			
Paul Alvar	<i>[Signature]</i>	ATC-C			
Antonio Pulido	<i>[Signature]</i>	ATGAS			
Bill Gleason	<i>[Signature]</i>	ATGAS			
Doug Simms	<i>[Signature]</i>	TRB			
Jorge Valencia	<i>[Signature]</i>	SCI			
Darin Pover	<i>[Signature]</i>	SCF			
Subodh G...	<i>[Signature]</i>	SCF			
2002 41 700	<i>[Signature]</i>	SCF			
Ricardo Sandoval	<i>[Signature]</i>	SCF			
Steve Howard	<i>[Signature]</i>	SCI			
Sid Garcia	<i>[Signature]</i>	SCI			
Keith Knudsen	<i>[Signature]</i>	SCF			