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RY 2021 ANNUAL COMPLIANCE REPORT

BLYTHE SOLAR POWER PROJECT UNITS 1, 2, 3, & 4

Docket # 09-AFC-6C

Prepared for:

California Energy Commission
Attn: Eric Veerkamp

Bureau of Land Management
Palm Springs South Coast Field Office
Attn: Daniel Ryan

Prepared by:

Blythe Solar Energy Center, LLC

March 2022

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1 INTRODUCTION

1.1 Project Overview

NextEra Blythe Solar Energy Center, LLC has completed construction of Units 1, 2, 3, and 4 of the Blythe Solar Power Project (BSPP or Project), a 485-megawatt photovoltaic (PV) solar power generation facility on over 2,000 acres of Bureau of Land Management (BLM) administered land in unincorporated Riverside County, California. The Project was initially approved by the BLM and California Energy Commission (CEC) as a 1,000-megawatt solar thermal energy generating facility before modifying the project to a PV solar facility. The completed BSPP PV facility was built within the planned footprint of the approved thermal energy facility. Construction of Blythe Units 1 & 2 included the solar arrays, support facilities, and shared linear facilities (shared with the neighboring McCoy Solar Energy Project). The BSPP Units 1 & 2 entered project operations on October 29, 2016.

NextEra Blythe Solar Energy Center, LLC finished construction of BSPP Units 3 and 4 in late 2020. These 2 units have been fully operational a full year and therefore captured in this RY 2021.

1.2 Annual Reporting Requirements

The CEC Presiding Member's Proposed Decision for the modified project, which contained revised findings and the Conditions of Certification (COC), was approved by the Commission on January 15, 2014. COC COM-7 requires NextEra Energy Resources, LLC to submit an Annual Compliance Report (ACR) to the CEC Compliance Project Manager (CPM) throughout operations:

COM-7: Annual Compliance Report

After construction is complete, the project owner shall submit searchable electronic ACRs instead of MCRs. ACRs shall be completed for each year of commercial operation, may be required for a specified period after decommissioning to monitor closure compliance, as specified by the CPM, and are due each year on a date agreed to by the CPM. The searchable electronic copies may be filed on an electronic storage medium or by e-mail, subject to CPM approval. Each ACR shall include the AFC number, identify the reporting period, and contain the following:

1. *an updated compliance matrix showing the status of all conditions of certification (fully satisfied conditions do not need to be included in the matrix after they have been reported as completed);*
2. *a summary of the current project operating status and an explanation of any significant changes to facility operations during the year;*

3. *documents required by specific conditions to be submitted along with the ACR. Each of these items shall be identified in the transmittal letter with the condition it satisfies, and submitted as attachments to the ACR;*
4. *a cumulative list of all post-certification changes approved by the Energy Commission or the CPM;*
5. *an explanation for any submittal deadlines that were missed, accompanied by an estimate of when the information will be provided;*
6. *a list of filings submitted to, or permits issued by, other governmental agencies during the year;*
7. *a projection of project compliance activities scheduled during the next year;*
8. *a list of the year's additions to the on-site compliance file;*
9. *an evaluation of the Site Contingency Plan, including amendments and plan updates; and*
10. *a list of complaints, notices of violation, official warnings, and citations received during the year, a description of how the issues were resolved, and the status of any unresolved matters.*

Additionally, certain COCs require annual reporting and/or development of a mitigation plan, which may also contain operations reporting requirements.

The Bureau of Land Management (BLM), as the federal agency responsible for management of public lands on which the project is sited, approved the modified BSPP in a Record of Decision (ROD) for the project on August 1, 2014, and authorized the construction of the project in a Right-of-Way (ROW) Grant (serialized as CACA-048811) on August 12, 2014. Appendix 5, Adopted Mitigation Measures, of the BLM ROD, contains all ROW grant holder-proposed Design Features (DF) and Mitigation Measures for the project. Design Features in the ROD incorporate the CEC's COCs, some of which require annual reporting.

The annual operations reporting requirements outlined in COM-7, the design features, mitigation measures, and additional COC reporting requirements applicable to the operating units are addressed in this Annual Compliance Report.

2 OPERATION STATUS

Units 1 and 2 of the BSPP entered the operations phase on October 29, 2016. Unit 3 and Unit 4 entered operation in the later part of year 2020. This ACR has been prepared to provide information about the status of operations activities as well as Conditions of Certification and Mitigation Measures which are applicable to the reporting period from January 1st through December 31st of 2021 for units 1, 2, 3 & 4. Units 3 and 4 have been fully operational for one year and therefore included in this reporting year (RY 2021). No significant changes to the facility operations occurred during this reporting period.

3 CONDITIONS OF CERTIFICATION

Compliance with the CEC Conditions of Certification and the BLM's Record of Decision is categorized into the following sections, consistent with the CEC's Commission Decision structure: Compliance and Closure (Section 3.1), Engineering (Section 3.2), Public Health and Safety (Section 3.3), Environmental (Section 3.4), and Local Impacts (Section 3.5). Each of the COCs described below is presented for one, or both, of the following reasons: (1) the COC reporting requirement is specifically required to be addressed in the annual compliance report or (2) the COC is related to mitigation that was implemented during this reporting period.

3.1 Compliance and Closure

3.1.1 COM-5: Compliance Matrix

The Compliance Matrix is provided in **Appendix A**.

3.1.2 COM-11: Reporting of Complaints, Notices, and Citations

No complaints (including noise and lighting complaints), notices of violation, notices of fines, official warnings, or citations were received during this reporting period.

3.2 Engineering

3.2.1 TLSN-2: Transmission Line-Related Complaints

No line-related complaints were received during this reporting period.

3.2.2 TLSN-4: Transmission Line Inspections

Inspections were conducted of the Transmission line. No combustible materials were found. As a result of the inspection no further actions were required.

3.3 Public Health and Safety

3.3.1 AQ-SC-6: List of Equipment

Blythe Vehicle and Equipment List				
Quantity	**Description**	**Detailed Description**	**Manufacturer's VIN/Serial Number**	**Plant VIN**
1	2015 Chevrolet Silverado 4WD Crew Cab	Site Manager's Vehicle	3GCUKPEH9FG419682	132008
5	2016 Chevrolet Colorado 4x4 Extended Cab	Solar Field Technicians' Vehicles	1GCHTBE34G1111003	132021
			1GCHTBE36G1330352	131046
			1GCHSBEA9G1110172	132025
			1GCHSBEA6G1109920	132024
			1GCHTBE38G1334726	131045
1	2016 Caterpillar TH255C Telehandler	Forklift	JK201003	AA4S84
2	2019 Ford F-150 Crew Cab	Solar Field Technicians' Vehicles	1FTEW1E57KFD42219	131063
			1FTEW1E5XKFD10042	131064
1	2020 Carrier Trailer	Trailer for equipment transport	4HXBX202XLC211906	4SY3597
1	2020 Polaris Ranger 4x4 4-seater	Solar Field Technicians' Utility Vehicle	4XAT6E990L8000460	AK6M68
1	2020 Polaris Ranger 4x4 2-seater	Solar Field Technicians' Utility Vehicle	3NSTAE991LN944148	Pending
1	2011 Ford F-450 Flatbed Auto-crane	Solar Field Maintenance Vehicle	1FDTF4GT7BEA76299	131128
1	2015 John Deere 5055E	Tractor	1PY5055EVGG100653	YX7A83

3.3.2 HAZ-1: Hazardous Materials List

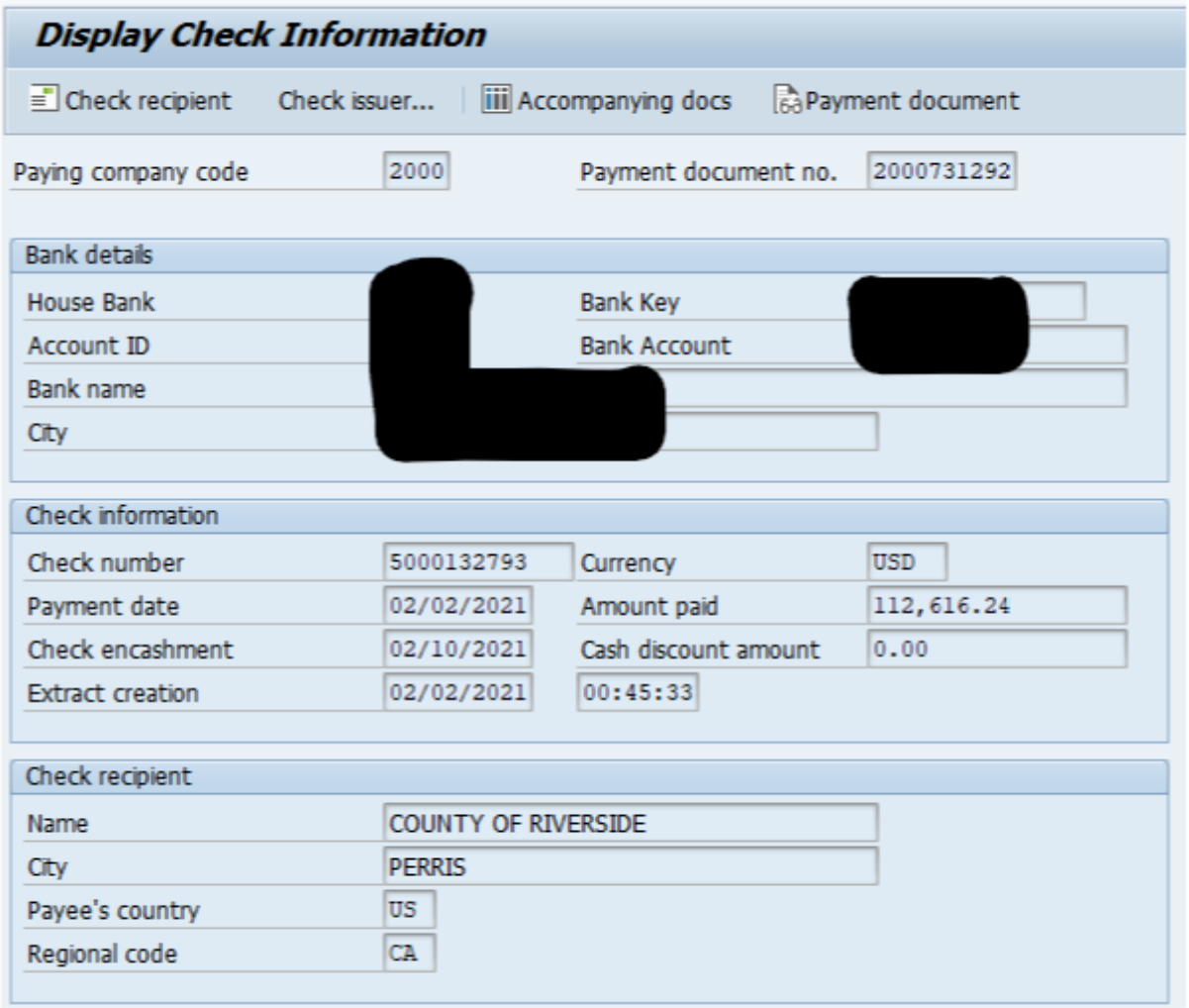
Included as **Appendix B** is the CERS Hazardous Material Inventory for the reporting year containing all hazardous materials contained at the facility.

3.3.3 HAZ-6: Operations Site Security Plan Implementation

All project employee background investigations have been performed and all contractors have provided signed statements certifying that background investigations have been conducted on contractors working onsite in accordance with the OSSP. In addition, the hazardous materials transport vendors have prepared and implemented security plans in accordance with the OSSP.

3.3.4 WORKER SAFETY-7: Riverside County Fire Department Annual Payment

Annual payment to the Riverside County Fire Department.



Display Check Information

Check recipient | Check issuer... | Accompanying docs | Payment document

Paying company code	2000	Payment document no.	2000731292

Bank details

House Bank	[redacted]	Bank Key	[redacted]
Account ID		Bank Account	
Bank name			
City			

Check information

Check number	5000132793	Currency	USD
Payment date	02/02/2021	Amount paid	112,616.24
Check encashment	02/10/2021	Cash discount amount	0.00
Extract creation	02/02/2021	00:45:33	

Check recipient

Name	COUNTY OF RIVERSIDE
City	PERRIS
Payee's country	US
Regional code	CA

3.3.5 WORKER SAFETY-9: RCFD Inspection Fees

During this reporting period, no inspection fees were required in addition to the annual payment.

3.3.6 WORKER SAFETY-10: Heat Related and Valley Fever Incidences

During this reporting period, there have been no potential heat-related or Valley Fever incidents reported.

3.4 Environmental

3.4.1 BIO-2 through BIO-26: Biological Resources

During project operation, the Designated Biologist (DB) is required to submit record summaries in the ACR unless his or her duties cease, as approved by the CPM. The DB was on-call during this reporting period. The DB served as the lead biological contact for the project owner and the agencies. The Designated Biologist's Report follows.

Annual Compliance Report
Docket No. 09-AFC-6C

Blythe Solar Power Project
Eastern Riverside County, California
Reporting Year 2021
Biological Resources

JANUARY 2022

Prepared for:

CALIFORNIA ENERGY COMMISSION
SITING,TRANSMISSION AND
ENVIRONMENTAL PROTECTION DIVISION
1516 Ninth Street, MS-2000
Sacramento, California 95814
Attn: Eric Veerkamp

U.S. DEPARTMENT OF THE INTERIOR,
BUREAU OF LAND MANAGEMENT
PALM SPRINGS SOUTH COAST FIELD OFFICE
1201 Bird Center Drive
Palm Springs, California 92262
Attn: Brandon Anderson

Prepared by:

DUDEK

40-004 Cook Street, Suite 4
Palm Desert, California 92211
Contact: David Hochart

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APPENDICES

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1 Introduction

1.1 Project Overview

Blythe Solar Energy Center, LLC completed construction of Units 1–4 of the Blythe Solar Power Project (BSPP or Project), a 485-megawatt photovoltaic solar power generation facility on over 2,000 acres of Bureau of Land Management (BLM)-administered land in unincorporated Riverside County, California. BLM and the California Energy Commission (CEC) initially approved the Project as a 1,000-megawatt solar thermal energy generating facility before it was modified to a solar photovoltaic facility. The completed BSPP solar photovoltaic facility was built within the planned footprint of the approved thermal energy facility. Construction of Blythe Units 1–4 included the solar arrays, support facilities, and shared linear facilities (shared with the neighboring McCoy Solar Energy Project). BSPP Units 1 and 2 began operation on October 29, 2016, and BSPP Units 3 and 4 began operation in January 2021.

1.2 Annual Reporting Requirements

The CEC Presiding Members' Proposed Decision for the modified Project, which contained revised findings and the Conditions of Certification (COC), was approved on January 15, 2014. Certain COCs require annual reporting and/or development of a mitigation plan, which may also contain operations reporting requirements.

The BLM, as the federal agency responsible for management of public lands on which the Project is sited, approved the modified BSPP in a Record of Decision (ROD) for the Project on August 1, 2014, and authorized the construction of the Project in a Right-of-Way (ROW) Grant (serialized as CACA-048811) on August 12, 2014. Appendix 5, Adopted Biological Resource Mitigation Measures, of the BLM ROD, contains all ROW grant holder-proposed Design Features and Mitigation Measures for the Project specific to biological resources. Design Features in the ROD incorporate CEC COCs, some of which require annual reporting.

The annual operations COC and ROD reporting requirements as they relate to biological resources are addressed in this Biological Resources Annual Compliance Report (ACR) for Reporting Year 2021.

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2 Biological Resources Conditions of Certification

Compliance with the CEC COCs and the BLM's ROD specific to biological resources is categorized by COC title. Each of the COCs related to biological resources described below is presented for one or both of the following reasons: (1) the COC reporting requirement is specifically required to be addressed in the annual compliance report; and/or (2) the COC is related to mitigation that was implemented during this reporting period.

2.1 BIO-2 and BIO-4: Designated Biologist and Biological Monitor Duties

During Project operation, the Designated Biologist (DB) is required to submit record summaries in the ACR unless his or her duties cease, as approved by the Compliance Project Manager (CPM). The DB was on-call during this reporting period although no biological monitoring activities were required for operations. The DB served as the lead biological contact for the Project owner and the agencies. See the following sections for resource-specific compliance activities.

2.2 BIO-6, BIO-19, CUL-15, PAL-4: Worker Environmental Awareness Program

Personnel are required to undergo Worker Environmental Awareness Program (WEAP) training prior to work at the BSPP. This is to ensure all Project personnel are made aware of the environmental, natural, and cultural resources that exist or may exist at the BSPP; requirements for implementing work practices designed to protect those resources; and penalties associated with violating those requirements. All personnel receiving WEAP training are required to sign in at the beginning of training and receive hardhat stickers to verify that they have received training prior to work on the BSPP. WEAP attendees are also required to provide weed wash certificates for personal vehicles and are provided with a sticker to place on their vehicle as a reminder to look under the vehicle before moving. Training rosters are maintained at the Project environmental office and will be kept on file for 6 months following termination of the individual's employment.

2.3 BIO-8: Impact Avoidance and Minimization Measures

The ACR must include the DB's report of compliance with avoidance and minimization measures implemented during operation and maintenance, including a summary of revegetation activities for the year, a discussion of whether revegetation performance standards for the year were met, and recommendations for revegetation remedial action if warranted. The following section provides a summary of how minimization measures were implemented at the BSPP for biological resources during this reporting period.

Avoid Use of Toxic Substances: Toxic soil binders were not used on the Project site. An approved palliative was applied to the main road for soil stabilization in order to reduce potential for fugitive dust.

Minimize Lighting Impacts: Facility lighting is being maintained to prevent impacts to wildlife habitat.

Avoid Vehicle Impacts to Desert Tortoise: Signage has been placed along the ROW to notify motorists of the speed limit restrictions. In addition, stickers have been placed on all Project vehicles reminding personnel to look under their vehicle for desert tortoise before moving their vehicle.

Minimize Ponding Water: Panel washing application rates are limited to minimize ponding of water.

Dispose of Road-Killed Animals: Trained on-site personnel and/or operations staff perform regular inspections of the solar arrays, and wildlife mortalities and injuries are addressed in accordance with the Raven Management and Control Plan.

Minimize Spills of Hazardous Materials: Spill kits are being maintained to clean up any spills that might result during operation activities.

Worker Guidelines: The required WEAP training for all operations personnel and subcontractors includes information about worker guidelines and potential penalties associated with not adhering to these guidelines.

Erosion Control: The operations Designated Inspector is completing post-storm site inspections to identify any potential erosion control issues during operations.

Revegetation of Temporarily Disturbed Areas: The approved Revegetation Plan was implemented to restore all areas subject to temporary disturbance. The results of the implementation of this plan were detailed in the McCoy Solar Energy Project and Blythe Solar Power Project Habitat Restoration Installation Completion Report submitted under a separate cover on November 22, 2016. The third year of revegetation monitoring as described in the Habitat Restoration Plan occurred in 2019.

During each quarterly evaluation period, the revegetation areas met expectations for habitat development for the current stage of the program. The Final Revegetation Report was submitted in June 2019.

2.4 BIO-9: Desert Tortoise Surveys and Fencing

The operations Designated Inspector conducted inspections of desert tortoise fence integrity throughout the reporting period as required by COC BIO-9 and the approved Storm Water Damage Monitoring Response Plan. Some areas of the fence were identified as needing maintenance. Operations worked with the DB and the agencies to rectify the inadequacies, so they met the guidelines. There were no living, injured, or deceased desert tortoises observed during this reporting period.

2.5 BIO-13: Raven Management and Control Plan

As part of the ACR, the DB is required to provide a report that includes a summary of the results of raven management and control activities for the year, a discussion of whether raven control and management goals for the year were met, and recommendations for raven management activities for the upcoming year. The following provides a summary of the results of raven management and control activities for the first year of operation in 2021 for Units 3 and 4.

In accordance with Section 5.1.1 of the Raven Management and Control Plan, monthly point count surveys of the Project Disturbance Area shall be conducted during the first 3 years of Project operations during spring (March–May) and fall (September–November). Point counts consisted of 10 minutes of observing and listening for ravens at each survey location. Survey start/stop time and weather (including temperature, average wind speed, and percent cloud cover) were collected. Point counts were not conducted during weather conditions that may have affected raven behavior, specifically when wind or rain could interfere with audible or visual detection or when the temperature was above 95°F. Table 1 provides a summary of raven point count surveys conducted during the reporting period (March–May 2021 and September–November 2021). Raven point count survey forms are included in this report as Appendix A.

In addition to point count surveys, the DB, Biological Monitor, or designated on-site personnel is required to conduct biweekly surveys to identify raven nests and evidence of desert tortoise predation at raven nests. Biweekly surveys are to be conducted during the typical raven breeding season (mid-February to the end of June) for the first 3 years of Project operations. Table 2 provides a summary of raven breeding season nest surveys conducted during the reporting period. Raven nesting season survey forms are included in this report as Appendix B.

Table 1. Raven Point Count Observation Summary

Date	Location	Number of Ravens Observed	Description of Observations
March 2021			
There were no ravens observed for the month of March 2021 during point count surveys.			
April 2021			
There were no ravens observed for the month of April 2021 during point count surveys.			
May 2021			
8-05-2021	Location 4-Unit 1	2	Two ravens on the ground.
September 2021			
09-27-2021	Location 5	1	One raven observed flying overhead.
09-27-2021	Location 3	29	A kettle of ravens was observed circling high above and to the east of the observation point.
October 2021			
There were no ravens observed for the month of October 2021 during point count surveys			
November 2021			
11-17-2021	Location 5	2	Two ravens observed flying overhead.

Table 2. Breeding Season Nest Survey Summary

Date	Location	Number of Ravens Observed	Description of Observation
February 2021			
2-22-2021	Blythe Transmission Line	2	Two ravens observed in open bottom section of pole 81 and bringing a few sticks to pole 82.
March 2021			
03-06-2021	Blythe Transmission Line	2	Two ravens were observed nesting at pole 82.
03-27-2021	Blythe Transmission Line	2	Two ravens were observed nesting at pole 82.
April 2021			
04-08-2021	Blythe Transmission Line	2	Two ravens were observed nesting at pole 82.
04-26-2021	Blythe Transmission Line	2	Two ravens were observed nesting at pole 82.
May 2021			
05-14-2021	Blythe Substation	2	Two ravens were observed, flying high above the BSPP substation.
05-28-2021	Blythe Transmission Line	2 adults, 3 chicks	Three chicks and two adults were observed at and around the nest.
June 2021			
There were no ravens observed for the month of June during breeding season nest surveys.			

Avian and Wildlife Carcass Removal

Trained on-site personnel and/or operations staff perform weekly inspections of the solar arrays, and wildlife mortalities and injuries are addressed in accordance with the Raven Management and Control Plan. In accordance with the Biological Opinion and the Special Purpose Utility Permit, wildlife mortalities are reported on a monthly basis. All avian mortalities are collected, bagged, labeled, and kept in a designated on-site freezer. In certain occurrences of observed avian listed species mortalities, disposition requires further direction from the relevant agency. In these cases, the carcass is covered under a protective cover, such as a weighted bucket, until instruction is received.

Summary

Impact avoidance measures are being implemented in accordance with the Raven Management and Control Plan. These include minimizing the ponding of water during operation activities such as washing panels, ensuring operations employees and visiting workers all receive WEAP training, and removing wildlife carcasses to reduce the site's attractiveness to ravens. As indicated by the limited raven use of the Project site during point count surveys, no additional measures are recommended during the 2022 operations year.

2.6 BIO-14: Weed Management Plan

The DB is required to provide a report in the ACR that includes a summary of the results of noxious weeds surveys and management activities for the year, a discussion of whether weed management goals for the year were met, and recommendations for weed management activities for the upcoming year.

General site monitoring of the operating facility was conducted by designated on-site personnel on an ongoing basis. The monitoring program included the following components:

- Weed identification training was provided.
- Vehicle and equipment use was limited during operation and maintenance. Workers parked at designated paved areas. Equipment needed for repair or maintenance was cleaned off site prior to entering the facility.
- Inspections of bare ground or regularly disturbed areas that interface with natural habitats (e.g., access road and perimeter fence) were conducted least once during the summer/fall and winter/spring growing seasons.
- Weed control was conducted as needed by Project personnel or a trained and certified professional whenever notified by the Biological Monitor or Environmental Compliance Manager of the presence of weeds, but was not conducted more often than every other week during the growing season (March through August) and once a month otherwise.

Weed control applications were completed with use of Polaris AC, Imazapyr 4SL, or Garlon 4 Ultra. The weed control applications were completed in February and March 2021 in Blythe Unit 1 over an approximately 348-acre area and Blythe Unit 2 over an approximately 222-acre area. Weed control applications were also completed in November and December of 2021 in Blythe Unit 3 over an approximately 356-acre area and in Blythe Unit 4 over an approximately 167-acre area.

2.7 BIO-17: American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures

At the conclusion of construction activities on the Project site, multiple kit foxes remained on site. In accordance with the Desert Kit Fox and American Badger Mitigation Monitoring Plan, passive relocation will not occur during operation and maintenance unless (1) injuries or fatalities occur as a result of the Project; (2) there is the possibility of injuries or fatalities; or (3) the fox is problematic for Project operation. One kit fox mortality was reported during the reporting period. It was found in the substation and determined to be non-Project related. No concerns about kit fox safety or operations activities were reported.

2.8 BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures

COC BIO-18 requires that the DB provide a report in the ACR for the first 5 years following the start of operations that describes the results of monitoring and management of the burrowing owl burrow creation or enhancement areas identified prior to excluding burrowing owls from active burrows. No burrowing owls were relocated or excluded from burrows, and no artificial burrows were constructed during Project construction. As a result, no

post-relocation monitoring is required. In addition, no observations of burrowing owls were made within the Project site during this reporting period.

2.9 BIO-19: Special-Status Plant Impact Avoidance, Minimization, and Compensation

COC BIO-19 requires the completion of an annual report to monitor effectiveness of protection measures for all avoided special-status plants, including the implementation of required enhancement/restoration activities. The CPM determined that COC BIO-19 does not require any action during operations for the BSPP.

2.10 BIO-22: Change of Conditions Notification

In order to minimize and mitigate impacts to jurisdictional waters, the Project owner is required to "notify the CPM and CDFW [California Department of Fish and Wildlife] of any change of conditions to the project, impacts to state waters, or the mitigation efforts. The notifying report shall be provided to the CPM and CDFW no later than seven days after the change of conditions is identified. A copy of the notifying change of conditions report shall be included in the annual reports or until it is deemed unnecessary by the CPM and CDFW." There have been no changes to the conditions or impacts to jurisdictional waters by the Project during this reporting period, and no change of conditions notification reports to include in this ACR.

2.11 BIO-24: Golden Eagle Annual Inventory

The Golden Eagle Annual Inventory is required for the first 2 years after commercial operation begins. The purpose of the inventory is to determine golden eagle territory occurrences within 1 mile of the Project area. The first of two golden eagle annual inventories during the operations phase of the Project was completed in January and April of 2021. The 2021 Golden Eagle Inventory Report is included as Appendix C.

2.12 BIO-25 and BIO-26: Evaporation Pond Monitoring and Couch's Spadefoot Toad Protection and Mitigation Plan Implementation

The DB is required to conduct site visits to the evaporation ponds during each year they are in operation. No Couch's spadefoot toads were identified on site during Project construction. No compensatory mitigation is required, and no evaporation ponds were built during construction of Units 1–4. The CPM determined that COCs BIO-25 and BIO-26 do not require any action during operations for the BSPP.

3 Project Incidents and Corrective Actions

No noncompliance incidents or corrective actions were issued or identified during this reporting period.

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4 Post-Certification Changes

A list of CPM-approved Post-Certification Changes to the operations of the BSPP is included here:

- The CPM determined that COCs BIO-19, BIO-25, and BIO-26 do not require any action during operations until further construction or evaporation ponds are built.
- The CPM confirmed on August 7, 2017, that a Spill Protection Control and Countermeasure (SPCC) Plan is not required at BSPP and that the Oil Spill Plan submitted by BSPP is equivalent to the SPCC Plan and acceptable for the purpose of meeting HAZ-2 SPCC requirements.
- The CPM confirmed on January 3, 2017, that the Provisional Closure Plan required by COC COM-15 can be submitted 1 year after the start of commercial operation and that the 60-day reference in the COC verification should be disregarded. This plan will be prepared and submitted within 1 year after the final constructed unit (anticipated to be Blythe IV) begins commercial operation (commercial operation occurred November 2020) and will incorporate all four units of BSPP.
- The CPM confirmed in a letter received on April 21, 2020, that the Avigation Easement required by COC TRANS-8 was no longer required.

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Appendix A

Raven Point Count Survey Forms

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 444	
Monitor Name	*Sedona Maniak*
Date	*2021-04-10*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 3 – Well Pad Site*
Start Time	*07:07:00*
End Time	*07:17:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*65*
Cloud Cover	*20%*
Wind Speed	*6*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 447	
Monitor Name	*Sedona Maniak*
Date	*2021-04-10*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 4 – Unit 1*
Start Time	*07:29:00*
End Time	*07:39:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*67*
Cloud Cover	*20%*
Wind Speed	*5*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 450	
Monitor Name	*Sedona Maniak*
Date	*2021-04-10*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 2 – Transmission Line North*
Start Time	*09:56:00*
End Time	*10:06:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*76*
Cloud Cover	*10%*
Wind Speed	*4*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 453	
Monitor Name	*Kim Parsons*
Date	*2021-04-21*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 3 – Well Pad Site*
Start Time	*10:17:00*
End Time	*10:27:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*No ravens observed*
Temperature (F)	*76*
Cloud Cover	*50%*
Wind Speed	*11*
autoemail	*kimprsns@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 456	
Monitor Name	*Kim Parsons*
Date	*2021-04-21*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 4 – Unit 1*
Start Time	*11:06:00*
End Time	*11:16:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*Consistent winds*
Temperature (F)	*78*
Cloud Cover	*40%*
Wind Speed	*11*
autoemail	*kimprsns@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 459	
Monitor Name	*Kim Parsons*
Date	*2021-04-21*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 5 – Unit 4*
Start Time	*11:32:00*
End Time	*11:42:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*Consistent winds of around 10-15 MPH*
Temperature (F)	*79*
Cloud Cover	*40%*
Wind Speed	*13*
autoemail	*kimprsns@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 462	
Monitor Name	*Kim Parsons*
Date	*2021-04-22*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 1 – Transmission Line South*
Start Time	*06:53:00*
End Time	*07:03:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*Hazy view of mountains, most likely lingering dust from yesterday's high winds*
Temperature (F)	*60*
Cloud Cover	*10%*
Wind Speed	*1*
autoemail	*kimprsns@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 465	
Monitor Name	*Kim Parsons*
Date	*2021-04-22*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 2 – Transmission Line North*
Start Time	*07:48:00*
End Time	*07:58:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*Hazy view of mountains*
Temperature (F)	*62*
Cloud Cover	*10%*
Wind Speed	*2*
autoemail	*kimprsns@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 486	
Monitor Name	*Sedona Maniak*
Date	*2021-05-18*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 2 – Transmission Line North*
Start Time	*07:33:00*
End Time	*07:43:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*74*
Cloud Cover	*30%*
Wind Speed	*4*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 474	
Monitor Name	*Sedona Maniak*
Date	*2021-05-18*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 1 – Transmission Line South*
Start Time	*07:04:00*
End Time	*07:14:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*71*
Cloud Cover	*10%*
Wind Speed	*3*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 477	
Monitor Name	*Sedona Maniak*
Date	*2021-05-18*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 3 – Well Pad Site*
Start Time	*08:03:00*
End Time	*08:13:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*76*
Cloud Cover	*10%*
Wind Speed	*4*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 480	
Monitor Name	*Sedona Maniak*
Date	*2021-05-18*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 5 – Unit 4*
Start Time	*08:59:00*
End Time	*09:09:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Behavior	
Temperature (F)	*81*
Cloud Cover	*0%*
Wind Speed	*3*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 483	
Monitor Name	*Sedona Maniak*
Date	*2021-05-18*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Location 4 – Unit 1*
Start Time	*10:00:00*
End Time	*10:10:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*2*
Behavior	*On the ground*
Distance & Direction from Survey Location	*30 yards*
Proximity to Project	*0*
Temperature (F)	*80*
Cloud Cover	*0%*
Wind Speed	*6*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe and Arlington Solar - Raven Survey

Record: 3	
Monitor Name	*Sedona Maniak*
Date	*2021-09-27*
Email	*sedonamaniak@gmail.com*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 5*
Start Time	*08:01:00*
End Time	*08:11:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*1*
Behavior	*Flying*
Distance & Direction from Survey Location	*1 mile north*
Proximity to Project	*0*
Temperature (F)	*76*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 5*
Start Time	*08:14:00*
End Time	*08:24:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*76*
Cloud Cover	*0%*
Wind Speed	*2*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 4*
Start Time	*08:28:00*
End Time	*08:38:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*77*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 4*
Start Time	*08:40:00*
End Time	*08:50:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*78*
Cloud Cover	*0%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 3*
Start Time	*08:55:00*
End Time	*09:05:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*29*
Behavior	*Flying*
Distance & Direction from Survey Location	*3-4 miles*
Proximity to Project	*3-4 miles*
Notes	*A kettle of ravens was observed circling high above and to the east of the observation point*
Temperature (F)	*78*
Cloud Cover	*0%*
Wind Speed	*3*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 3*
Start Time	*09:10:00*
End Time	*09:20:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*79*
Cloud Cover	*0%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 2*
Start Time	*09:22:00*
End Time	*09:32:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*1*
Behavior	*Flying*
Distance & Direction from Survey Location	*100' east*
Proximity to Project	*0*
Temperature (F)	*79*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 2*
Start Time	*10:18:00*
End Time	*10:28:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*82*
Cloud Cover	*0%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 1*
Start Time	*10:35:00*
End Time	*10:45:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*83*
Cloud Cover	*0%*
Wind Speed	*2*

FORMS FIELD DATA REPORT

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 1*
Start Time	*11:16:00*
End Time	*11:26:00*
Duration	*0.16666666666667*
General Raven Observation Location	
Raven Nest Location	
Temperature (F)	*86*
Cloud Cover	*20%*
Wind Speed	*3*

FORMS FIELD DATA REPORT

Blythe and Arlington Solar - Raven Survey

Record: 6	
Monitor Name	*Sedona Maniak*
Date	*2021-10-21*
Email	*sedonamaniak@gmail.com*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 5*
Start Time	*08:51:00*
End Time	*09:01:00*
Duration	*0.17277777777778*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*68*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 5*
Start Time	*09:19:00*
End Time	*09:29:00*
Duration	*0.16805555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*69*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 4*
Start Time	*09:33:00*
End Time	*09:43:00*
Duration	*0.15166666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*69*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 1*
Start Time	*10:04:00*
End Time	*10:14:00*
Duration	*0.16861111111111*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*72*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 3*
Start Time	*10:34:00*
End Time	*10:44:00*
Duration	*0.16805555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*77*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 2*
Start Time	*11:30:00*
End Time	*11:40:00*
Duration	*0.16833333333333*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*81*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 3*
Start Time	*11:45:00*
End Time	*11:55:00*
Duration	*0.16611111111111*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*81*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 2*
Start Time	*12:08:00*
End Time	*12:18:00*
Duration	*0.16777777777778*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*82*
Cloud Cover	*10%*
Wind Speed	*3*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 1*
Start Time	*12:28:00*
End Time	*12:38:00*
Duration	*0.16305555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*84*
Cloud Cover	*0%*
Wind Speed	*4*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 4*
Start Time	*09:46:00*
End Time	*09:56:00*
Duration	*0.16916666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*70*
Cloud Cover	*10%*
Wind Speed	*4*

FORMS FIELD DATA REPORT

Blythe and Arlington Solar - Raven Survey

Record: 7	
Monitor Name	*Sedona Maniak*
Date	*2021-11-17*
Email	*sedonamaniak@gmail.com*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 5*
Start Time	*07:20:00*
End Time	*07:30:00*
Duration	*0.1675*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*53*
Cloud Cover	*50%*
Wind Speed	*1*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 5*
Start Time	*07:36:00*
End Time	*07:46:00*
Duration	*0.16833333333333*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*2*
Behavior	*Flying*
Distance & Direction from Survey Location	*1 mile east*
Proximity to Project	*1500'*
Notes	*Flying north, east of Dracker Rd*
Temperature (F)	*55*
Cloud Cover	*50%*
Wind Speed	*2*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 4*
Start Time	*07:48:00*
End Time	*07:58:00*
Duration	*0.16805555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*57*
Cloud Cover	*40%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 4*
Start Time	*08:00:00*
End Time	*08:10:00*
Duration	*0.15305555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*57*
Cloud Cover	*30%*
Wind Speed	*2*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 1*
Start Time	*08:19:00*
End Time	*08:29:00*
Duration	*0.1675*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*61*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 1*
Start Time	*08:59:00*
End Time	*09:09:00*
Duration	*0.16888888888889*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*61*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 2*
Start Time	*09:32:00*
End Time	*09:42:00*
Duration	*0.16861111111111*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*1*
Behavior	*Perched*
Distance & Direction from Survey Location	*0*
Proximity to Project	*0*
Notes	*Perched on covered trash bin*
Temperature (F)	*62*
Cloud Cover	*20%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 3*
Start Time	*09:48:00*
End Time	*09:58:00*
Duration	*0.1675*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*1*
Behavior	*Flying*
Distance & Direction from Survey Location	*500'*
Proximity to Project	*0*
Notes	*Flying south to north over solar field*
Temperature (F)	*65*
Cloud Cover	*20%*
Wind Speed	*2*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 3*
Start Time	*10:05:00*
End Time	*10:15:00*
Duration	*0.15083333333333*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*68*
Cloud Cover	*10%*
Wind Speed	*2*

FORMS FIELD DATA REPORT

Raven Monitoring

Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 2*
Start Time	*10:31:00*
End Time	*10:41:00*
Duration	*0.15111111111111*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*68*
Cloud Cover	*20%*
Wind Speed	*3*

FORMS FIELD DATA REPORT

Blythe and Arlington Solar - Raven Survey

Record: 10	
Monitor Name	*Sedona Maniak*
Date	*2021-12-20*
Email	*sedonamaniak@gmail.com*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 5*
Start Time	*07:24:00*
End Time	*07:34:00*
Duration	*0.15194444444444*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*35*
Cloud Cover	*10%*
Wind Speed	*1*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 5*
Start Time	*07:38:00*
End Time	*07:48:00*
Duration	*0.15333333333333*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*37*
Cloud Cover	*10%*
Wind Speed	*1*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 4*
Start Time	*07:52:00*
End Time	*08:02:00*
Duration	*0.16805555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*37*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 4*
Start Time	*08:05:00*
End Time	*08:15:00*
Duration	*0.15166666666667*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*38*
Cloud Cover	*10%*
Wind Speed	*2*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 3*
Start Time	*08:29:00*
End Time	*08:39:00*
Duration	*0.16861111111111*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*42*
Cloud Cover	*0%*
Wind Speed	*4*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 2*
Start Time	*08:49:00*
End Time	*08:59:00*
Duration	*0.16777777777778*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*44*
Cloud Cover	*0%*
Wind Speed	*3*

Raven Monitoring	
Location	*Blythe Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Blythe 1*
Start Time	*09:12:00*
End Time	*09:22:00*
Duration	*0.16777777777778*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*46*
Cloud Cover	*0%*
Wind Speed	*4*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 3*
Start Time	*09:36:00*
End Time	*09:46:00*
Duration	*0.16472222222222*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*48*
Cloud Cover	*0%*
Wind Speed	*4*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 2*
Start Time	*09:57:00*
End Time	*10:07:00*
Duration	*0.16888888888889*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*1*
Behavior	*Perched*
Distance & Direction from Survey Location	*10'*
Proximity to Project	*0*
Temperature (F)	*50*
Cloud Cover	*0%*
Wind Speed	*5*

Raven Monitoring	
Location	*Arlington Solar*
Type of Observation	*Monthly Point Count Survey*
Survey Location	*Arlington 1*
Start Time	*10:21:00*
End Time	*10:31:00*
Duration	*0.16055555555556*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Temperature (F)	*51*
Cloud Cover	*0%*
Wind Speed	*4*

Appendix B

Raven Nesting Season Survey Forms

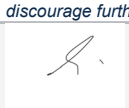
FORMS FIELD DATA REPORT

Blythe Solar - Raven Management Plan Monitoring

Record: 6	
Monitor Name	*Sedona Maniak*
Date	*2021-02-22*
Start Time	*08:15:00*
End Time	*10:15:00*
Type of Observation	*Breeding Season Nesting Survey*
General Raven Observation Location	
Raven Nest Observation Location	
Nest Status	*Inactive*
Nest Description	*Partial*
Number of Ravens Observed	*2*
Behavior	*Other*
Other Behavior	*Bringing sticks*
Notes	*2 ravens observed in open bottom section of pole 81 and bringing a few sticks to pole 82. DB used an extension mirror to verify that there was no nesting material in the pole section. Pole 82 will be observed for further nesting activity. One deceased horned lizard was observed under the pole section and buried.*
Signature	
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Solar - Raven Management Plan Monitoring

Record: 12	
Monitor Name	*Sedona Maniak*
Date	*2021-03-06*
Duration	*0*
Type of Observation	*Breeding Season Nesting Survey*
General Raven Observation Location	
Raven Nest Observation Location	
Nest Status	*Active*
Nest Description	*Pole 82, upper arm, under construction*
Number of Ravens Observed	*2*
Behavior	*Nesting*
Proximity to Project	*0*
Notes	*The ongoing nest building efforts of a pair of ravens at pole 82 were finally successful enough for sticks to start to remain in place after being added to the nest. DB informed NEER and Summit, and a bucket truck was dispatched to remove the nascent nest. Sticks littering the base of the pole were also removed to discourage further nest-building efforts.*
Signature	
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Solar - Raven Management Plan Monitoring

Record: 51	
Monitor Name	*Other*
Other Monitor Name	*Ben DeLancey*
Date	*2021-03-27*
Start Time	*06:35:00*
Duration	*-24.427222222222*
Type of Observation	*General Raven Observation*
General Raven Observation Location	*Latitude:33.608977, Longitude:-114.746758, Altitude:92.298555, Speed:0.000000, Accuracy:3000.000000, Vertical Accuracy:0.000000, Provider:fused, Time:03/27/2021 16:46:44 PDT*
Raven Nest Observation Location	
Number of Ravens Observed	*2*
Behavior	*Nesting*
Proximity to Project	*On project.*
Temperature (F)	*48*
Cloud Cover	*0%*
Wind Speed	*2*
Notes	*Monitored Raven nest associated with pole 82. Please refer to pole location as the included GPS coordinates are not accurate.* *Both Ravens observed upon arrival with the female in the nest in a incubating position and the male perched on the travelers staged at pole 82.* *0710, Ravens are observed copulating. Afterwards the female returns to the nest.* *0718, Both Ravens leave area.* *1055-1110, Both Ravens arrive back at nest before flying West.* *1437, Raven briefly observed at nest.*
autoemail	*ben.delancey@gmail.com*

FORMS FIELD DATA REPORT

Blythe Solar - Raven Management Plan Monitoring

Record: 54	
Monitor Name	*Sedona Maniak*
Date	*2021-04-08*
Start Time	*12:25:00*
End Time	*13:00:00*
Duration	*0.58333333333333*
Type of Observation	*General Raven Observation*
General Raven Observation Location	
Raven Nest Observation Location	
Number of Ravens Observed	*2*
Behavior	*Nesting*
Distance & Direction from Survey Location	*6 power poles*
Proximity to Project	*0*
Temperature (F)	*94*
Cloud Cover	*10%*
Wind Speed	*8*
Notes	*Raven nest at pole 82 was observed to be continuously occupied by one or both birds throughout observation period. One raven was observed carrying a Mojave fringe toed lizard in its bill flying past.*
Signature	
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 468	
Monitor Name	*Derek Siver*
Date	*2021-04-26*
Type of Observation	*Breeding Season Nest Survey*
Duration	*0*
General Raven Observation Location	
Raven Nest Location	*Latitude:33.589208,* *Longitude:-114.767555,* *Altitude:127.750654,* *Speed:0.354130,* *Horizontal Accuracy:5.943853,* *Vertical Accuracy:7.701222,* *Time:04/26/2021 12:51:34 PDT*
Nest Description	*Sticks*
Number of Ravens Observed	*2*
Behavior	*Nesting*
Proximity to Project	*On transmission line near tower 82*
Notes	*Biologist conducted an O&M bi-weekly CORA nesting survey in the substation, transmission lines within the array, and along the Transmission and Distribution lines. No new nests were observed.* *Nesting behavior of the one active CORA nest at tower 82 was observed from 07:00 to 08:00.* *At 7:15 one CORA observed siting on nest.* *07:30 mate flew to nest and switch with other mate to sit at nest.* *Non sitting mate perched adjacent to nest on arm of structure.* *07:50 non sitting mate flew away.*
Temperature (F)	*63*
Cloud Cover	*100%*
Wind Speed	*8*
autoemail	*dereksiver@gmail.com*

Photos	
Photo	
Photo Description	*Nest in tower adjacent to tower 82*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 471	
Monitor Name	*Sedona Maniak*
Date	*2021-05-14*
Type of Observation	*Breeding Season Nest Survey*
Duration	*0*
General Raven Observation Location	
Raven Nest Location	
Notes	*All general potential raven nesting areas were surveyed for any raven nesting activity. No nests were observed. Two CORA were observed, flying high above the BSPP substation.*
Temperature (F)	*96*
Cloud Cover	*0%*
Wind Speed	*4*
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Solar - Raven Management Plan Monitoring

Record: 102	
Monitor Name	*Sedona Maniak*
Date	*2021-05-28*
Duration	*0*
Type of Observation	*Breeding Season Nesting Survey*
General Raven Observation Location	
Raven Nest Observation Location	
Nest Status	*Active*
Nest Description	*Pole 82*
Number of Ravens Observed	*6*
Behavior	*Nesting*
Distance & Direction from Survey Location	*0*
Proximity to Project	*0*
Temperature (F)	*90*
Cloud Cover	*0%*
Notes	*3 chicks and 2 adults were observed at and around the nest, 1 chick was observed on the ground.* *No new nests were observed on any project area.*
Signature	
autoemail	*sedonamaniak@gmail.com*

FORMS FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 489	
Monitor Name	*Sedona Maniak*
Date	*2021-06-07*
Type of Observation	*Breeding Season Nest Survey*
Duration	*5.25*
General Raven Observation Location	
Raven Nest Location	
Notes	*No new nests were detected.*
Temperature (F)	*98*
Cloud Cover	*20%*
Wind Speed	*13*
autoemail	*sedonamaniak@gmail.com*

FORMS DUDEK FIELD DATA REPORT

Blythe Unit 3 & 4 - Raven Survey

Record: 492	
Monitor Name	*Kim Parsons*
Date	*2021-06-19*
Type of Observation	*Breeding Season Nest Survey*
Duration	*0*
General Raven Observation Location	
Raven Nest Location	
Number of Ravens Observed	*0*
Notes	*Kim Parsons (designated biologist, Dudek) completed nesting raven surveys. Areas surveyed include distribution lines, Gen tie line and any other tall structures (water tanks, staged cranes, conex office buildings) associated with BSPP. No nesting birds observed.* *Tower 82 on the Gen tie line (south side) still has one old nest that exists on the arm. Chicks have fledged for the season and no ravens observed upon arrival. Tower 77 has a partially built nest and no ravens or other nesting birds observed.*
Temperature (F)	*90*
Cloud Cover	*10%*
Wind Speed	*10*
autoemail	*kimprsns@gmail.com*

Appendix C

2021 Golden Eagle Inventory Report

605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 F 760.632.0164

September 30, 2021

Stephen Kalina
Project Construction Manager
4000 Dracker Drive
Blythe, CA 92225

Subject: *Golden Eagle Surveys for the Blythe Solar Power Project and Arlington Solar Energy Center, Riverside County, California*

Dear Mr. Kalina:

This letter reports the results of 2021 Golden Eagle (*Aquila chrysaetos*) surveys at the Blythe Solar Power Project (BSPP) and Arlington Solar Energy Center (ASEC), located in Riverside County, California.

The surveys were performed in accordance with COC BIO-24 (BSPP) and DF WIL-12 (ASEC). The Golden Eagle (GOEA) surveys are required to be completed for each calendar year during which construction will occur and for up to two years after commercial operation begins, with the purpose of determining GOEA territory occurrences within 1 mile of the Project area (Figure 1, Figure 2).

Suitable nesting habitat within the area includes sparsely vegetated steep cliff faces (McCoy Peak) mostly oriented in a generally southeastern direction. Survey methods relevant to the mitigation measure were derived from the Interim Golden Eagle Inventory and Monitoring Protocols and Other Recommendations (Pagel et al. 2010). Pagel et al. (2010) and aerial imagery were reviewed to determine where suitable golden eagle nesting habitat (i.e., areas with hills and slopes) occurred within the Project area and 1 mile survey buffer. Suitable habitat occurs within the southern portion of the Project area adjacent to the north side of Interstate 10, within the southeastern foothills of McCoy Peak. This area includes approximately 1,100 acres.

Methods

Pagel et al. (2010) outlines the detailed methods for this ground-based GOEA monitoring survey. An initial reconnaissance survey took place on January 3, 4, 10, and 11, 2015 to determine the best observation post (OP) locations that are far enough from the potential nest sites (cliff faces) to effectively observe behavior without disturbing potential nesting behavior (Pagel et al. 2010). GOEA migration and nesting surveys were conducted by qualified and experienced raptor biologists from January 11 to April 21, 2021, via stationary observation posts (OP's). Two survey passes were conducted approximately 100 days apart, on January 11 and 12 and April 20 and 21, 2021 (Table 1). A total of 8 OP's were identified, each no more than 700 meters from potential GOEA nest locations (cliff faces) (Figure 3). Two biologists simultaneously monitored different OP's for a minimum period of 4 hours following the guidelines in Pagel et al. (Table 1). OP's were paired on opposite sides of McCoy Peak to better monitor numbers and movement of potential GOEA activity.

Experienced biologists recorded territory status, total number of golden eagles, locations of all golden eagle observations, age class of golden eagles, flight directions, and behaviors. If nests were identified, the biologist

recorded the nest location, nest elevation, nesting chronology, number of young at each visit, and substrate upon which the nest was placed.

In addition, all raptor (including owl, shrike, and vulture) observations were recorded using guidelines and data entry forms from the Hawk Migration Association of North America (HMANA 2014). For each observation, the following data were recorded: species, time of observation, approximate location, age, sex, morphology, subspecies, habitat, and behavior (HMANA 2014).

Table 1. Dates and Conditions for Golden Eagle Nest Surveys

Date	Time	Observation Point	Personnel	Survey Conditions
1/11/2021	0730–1135	1 and 6	Shana Carey Jeff Priest	42–62 degrees Fahrenheit (°F); 0% cloud cover (cc); 1–14 mile per hour (mph) winds
1/11/2021	1150–1600	2 and 8	Shana Carey Jeff Priest	58°F–70°F; 0%-90% cc; 1-5 mph winds
1/12/2021	0730–1130	4 and 7	Shana Carey Jeff Priest	36°F–67°F; 10%-20% cc; 1–5 mph winds
1/12/2021	1150–1600	3 and 5	Shana Carey Jeff Priest	60°F–68°F; 0%-70% cc; 1–12 mph winds
4/20/2021	0615–1015	3 and 5	Shana Carey Jeff Priest	57°F–85°F; 0% cc; 1–10 mph winds
4/20/2021	1030–1430	4 and 7	Shana Carey Jeff Priest	83°F–97°F; 0% cc; 2–12 mph winds
4/21/2021	0615–1015	2 and 8	Shana Carey Jeff Priest	62°F–85°F; 10%–30% cc; 1–25 mph winds
4/21/2021	1030–1435	1 and 6	Shana Carey Jeff Priest	79°F–87°F; 0% cc–50% cc; 1–15 mph winds

Results

In the four full days of surveying with multiple observers, nearly all of the suitable GOEA and raptor nesting habitat, including the cliff faces in the survey area, could be observed and searched from various angles. *No active raptor nests or GOEA nests were observed during surveys. Also, no GOEA were observed*.

Five raptor species were observed during surveys, including American kestrel (*Falco sparverius*), red-tailed hawk (*Buteo jamaicensis*), loggerhead shrike (*Lanius ludovicianus*), Swainson's hawk (*Buteo swainsoni*), and turkey vulture (*Cathartes aura*). Turkey vultures were observed most frequently during surveys, with the majority of the individuals occurring in spring, when migrants may have been passing through. Turkey vultures were recorded at least once at every OP except PC3 during spring surveys. Singles were typically seen, but as many as 3 were observed together. Red-tailed hawks were recorded during winter and spring surveys. On January 11, 2021, a single red-tailed hawk was noted from PC6. The following day, January 12, 2021, individual red-tailed hawks were documented on several occasions, on both sides of McCoy Peak. The only observation of this species in spring was of one from PC5 on April 20, 2021. Loggerhead shrike was observed on three occasions. One was observed in winter near PC2 on January 11, 2021. The species was observed twice in April, including once near PC3 on April 20, 2021, and once near PC2 on April 21, 2021. American kestrel and Swainson's hawk were observed once each, both during spring. An American kestrel was observed perching in several locations in the

vicinity of PC3 on April 20, 2021. A Swainson's hawk was observed on the same day, northeast of PC7, for two minutes. This species, which is listed as threatened under the California Endangered Species Act (CESA), is not known to nest in the project region, but migrates through the area in spring.

Other bird species observed during surveys included Anna's hummingbird (*Calypte anna*), ash-throated flycatcher (*Myiarchus cinerascens*), black-tailed gnatcatcher (*Polioptila melanura*), black-throated sparrow (*Amphispiza bilineata*), brown-headed cowbird (*Molothrus ater*), California scrub-jay (*Aphelocoma californica*), cliff swallow (*Petrochelidon pyrrhonota*), common raven (*Corvus corax*), horned lark (*Eremophila alpestris*), house finch (*Haemorhous mexicanus*), lesser goldfinch (*Spinus psaltria*), lesser nighthawk (*Chordeiles acutipennis*), mourning dove (*Zenaida macroura*), northern mockingbird *(Mimus polyglottos*), Nashville warbler (*Leiothlypis ruficapilla*), northern rough-winged swallow (*Stelgidopteryx serripennis*), Say's phoebe (*Sayornis saya*), western kingbird (*Tyrannus verticalis*), white-crowned sparrow (*Zonotrichia leucophrys*), white-throated swift (*Aeronautes saxatalis*), and Wilson's warbler (*Carellina pusilla*). Although disturbance from overflights by aircraft was noted during early years of these surveys, little such disturbance occurred in winter or spring 2021.

If you have any questions regarding the contents of this letter, feel free to contact me at 760.479.4254 or bortega@dudek.com.

Sincerely,

Brock A. Ortega
Principal/Senior Wildlife Biologist

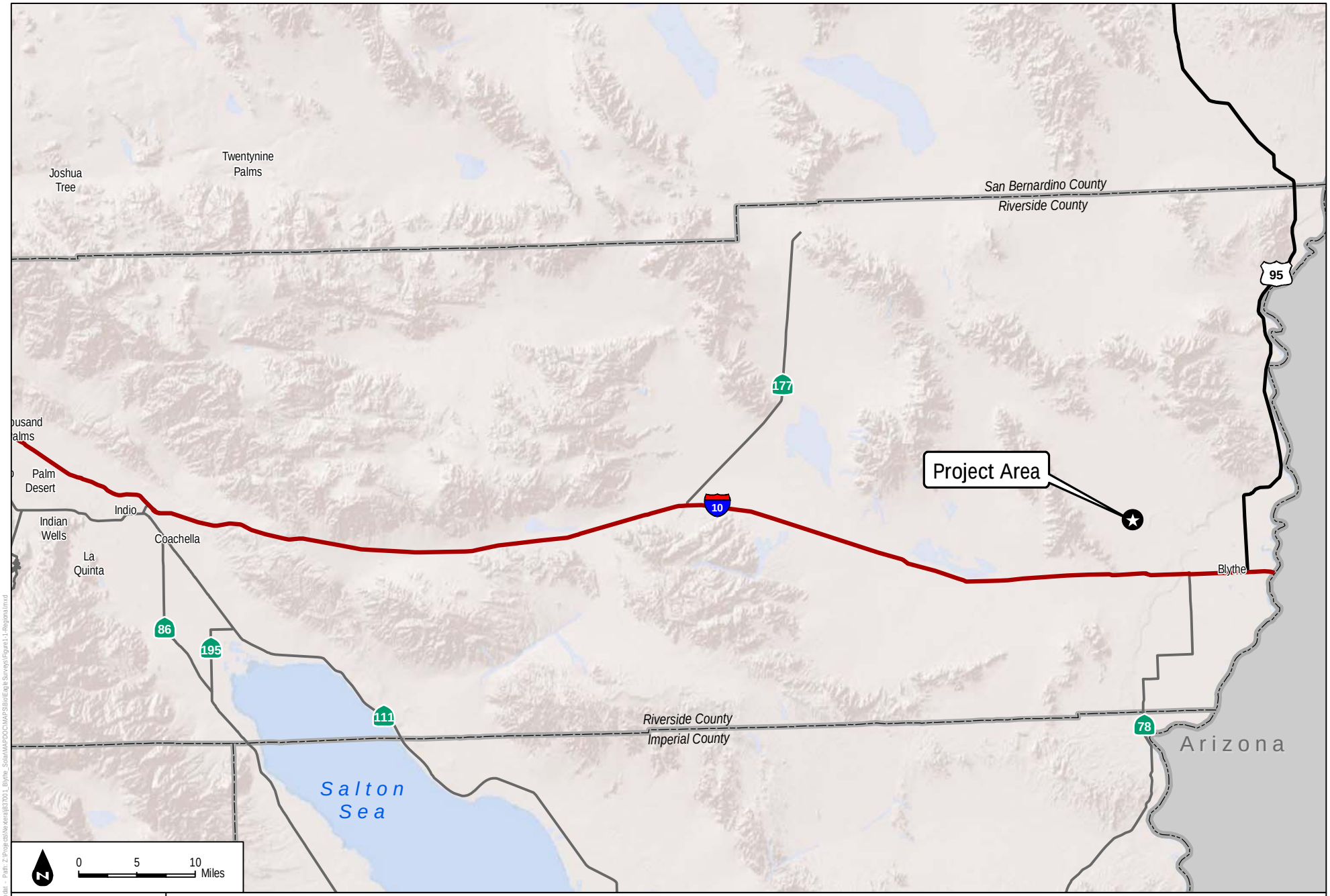
Att.: Figures 1–3
Appendix A, Survey Notes

Literature Cited

HMANA (Hawk Migration Association of North America). 2014. http://www.hmana.org/winter-raptor-survey/. Accessed July 2014.

Pagel et al. 2010. Interim Golden Eagle Inventory and Monitoring Protocols; and Other Recommendations. USFWS. February 2010.

USFWS (U.S. Fish and Wildlife Service). 2012. Land-Based Wind Energy Guidelines. March 2012.



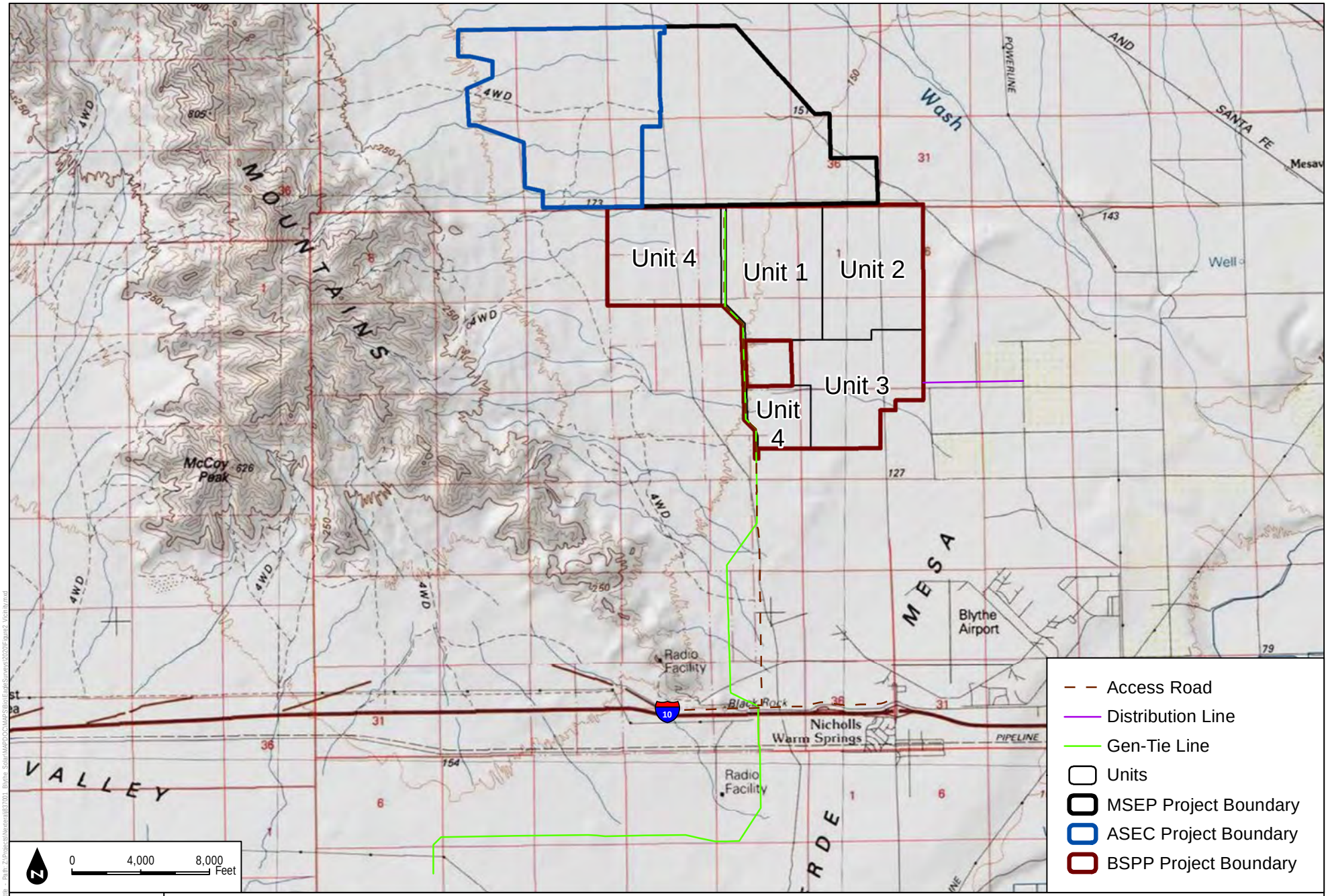
SOURCE: ESRI 2015

DUDEK

FIGURE 1

Regional Map

Blythe Solar Power Project & McCoy Solar Energy Project



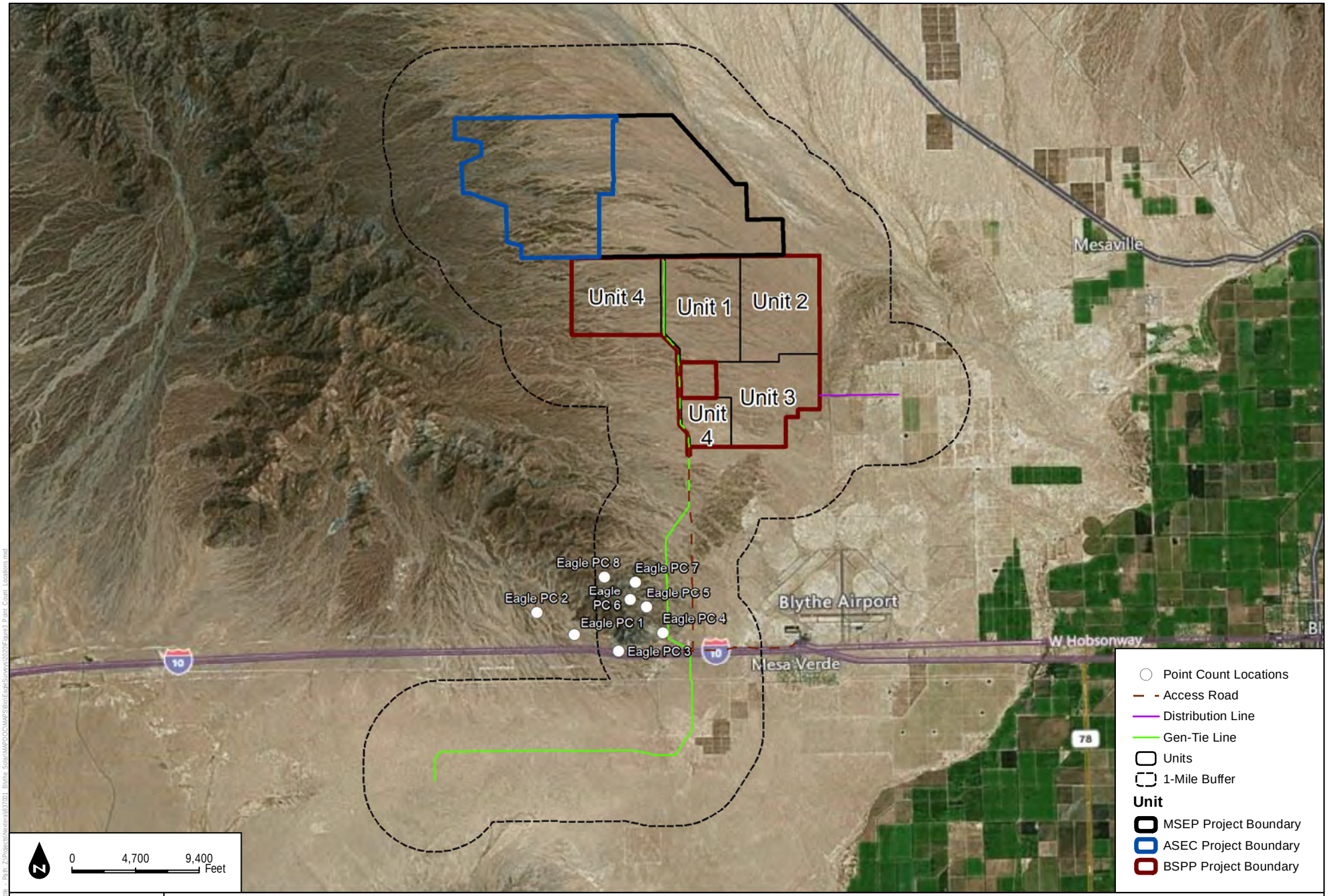
SOURCE: USGS 7.5-Minute Series Desert McCoy Wash and McCoy PK Quadrangles

DUDEK

FIGURE 2

Vicinity Map

Blythe Solar Power Project, McCoy Solar Energy Project & Arlington Solar Energy Center



SOURCE: BING 2015

DUDEK

FIGURE 3

Point Count Locations

Blythe Solar Power Project, McCoy Solar Energy Project & Arlington Solar Energy Center

Appendix A

Survey Notes

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 1

OBSERVER(S) Shana Carey

MO 5th DAY 11 YR 2021

ADDRESS

	07:30-8:30	8:30-9:30	9:30-10:30	10:30-11:30				
TIME (STD)								
Wind Speed (mph)	1-2	1-5	2-10	3-14				
Wind Dir. (From)								
Temp. (Deg. F)	45°	50°	57°	62°				
Humidity								
Bar. Pressure								
Cloud Cover (%)	0	0	0	0				
Visibility (km)	25+	25+						
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60		60			240	
Black Vulture								
Turkey Vulture								
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Shana Carey OP LOCATION PC 1 PAGE 1 OF 1

MO Jan DAY 11 YEAR 2021

EAGLE SPECIES and ID no. 1, 2, 3 etc.	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
CORA	280m	138°SE	2	0746	A	perched
MODO	75m	237°SW	1	0811	A	flying, calling
CORA	200m	118°SE	4	0940	A	perched
HOFI	195m	160°S	1	1015	A	flying, singing
BTSP	217m	98°E	1	1105	A	foraging, calling

Observation Time: $07^{30} - 11^{30}$ am
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation E.g. 1430-1440
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #6

OBSERVER(S) Jeff Priest MO 1 DAY 11 YR 21

0735-1135 ET ADDRESS Dudek 605 Third St. Encinitas CA 92024

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed	~~2~~	2	→	1	3	3		
Wind Dir. (From)	~~240~~	240°	→	→	330°	→		
Temp. (Deg. Of F.		42°	48°	52°	~~54°~~	56°		
Humidity	~~45%~~	45%	33%	24%	21%	19%		
Bar. Pressure	~~30.2~~	30.2	→	→	→	→		
Cloud Cover	~~0~~	0	→	→	→	→		
Visibility km	~~25+~~	25+	→	→	→	→		
Precipitation	~~0~~	0	→	→	→	→		
Flight Direction		NE	NW					
Height of Flight		2	2					
No. of Observers	1	—	—	—	—	→	Total	**Comments**
Dur. of Obs. (min)		25	60	60	60	35	240	
Black Vulture								
Turkey Vulture			1					
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk		1						
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Jeff Priest OP LOCATION #6 PAGE 1 OF 2

MO 1 DAY 11 YEAR 21 0735-1135

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	DISTANCE (mi) FROM	DIRECTION	TIME (total min	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
RTHA	800	27°	2	0804	A	
MODO	31	355°	1	0817	A	
CORA	450	191°	1	0834	2A	
TUVU	800	280°	1	0840	A	
BEWR	16	58°	3	0907	A	
MODO	23	132°	1	1022	A	

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 2

OBSERVER(S) Shana Co

MO Jan DAY 11 YR 20-21

	12-1	1-2	2-3	ADDRESS 3-4				
TIME (STD)								
Wind Speed (mph)	1-4	1-4	1-5	1-3				
Wind Dir. (From)								
Temp. (Deg. F)	68°	70°	69°	68°				
Humidity								
Bar. Pressure								
Cloud Cover (%)	20	30	40	90				
Visibility (km)	25+	25+	25+	25+				
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture								
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form

Rev: 03/98 LEK

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2021

OBSERVER Shana Carey OP LOCATION PC 2 PAGE 1 OF 1

MO Jan DAY 11 YEAR 2021

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
LOSH	80m	104° E	4	1305	A	perched atop
LOSH	80 m	104° E	1	1418	A	likely same individual as previous
CORA	250m	22° NE	1	1500	A	acoustic detection
SAPH	90m	150° SE	2	1520	A	perched
HOLA	185m	245° SW	1	1544	A	foraging?
						0 0

Observation Time: 12-4 pm
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #8

OBSERVER(S) Jeff Prevost MO 1 DAY 11 YR 2021

ADDRESS

1150-1550

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed	2-3	3	1-2	1-2	→			
Wind Dir. (From)	10°	→	20°	→	→			
Temp. (Deg. F.)	58°	59°	60°	→	→			
Humidity	17%	→	→	→	→			
Bar. Pressure	30.2	→	→	→	→			
Cloud Cover	0	→	→	→	→			
Visibility Km	25+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction		NW						
Height of Flight		2						
No. of Observers	1	→	→	→	→		Total	Comments
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture		11						
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

Rev: 03/98 LEK

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Jeff Priest OP LOCATION #8

MO 1 DAY 11 YEAR 21 1150 - 3:50 pm

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	~ DISTANCE FROM	DIRECTION	TIME (total min	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
NOMO	16	303°	1	1152	A	
SAPH	37	20°	3	1229	A	
LEGO	16	184°	1	1248	A (2)	
TUVU	1260	320°	2	1335	2A	
HOFI	12	27°	1	1401	2A	

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 4

OBSERVER(S) Shona Carey

MO Jan DAY 12 YR 2021

	7:30-8:30	8:30-9:30	9:30-10:30	10:30-11:30				
TIME (STD)								
Wind Speed (mph)	1-4	1-4	1-5	1-5				
Wind Dir. (From)								
Temp. (Deg. F)	41°	43°	55°	67°				
Humidity								
Bar. Pressure								
Cloud Cover (%)	10	10	10	10				
Visibility (km)	25+	25+	25+	25+				
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture								
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Shana Carey OP LOCATION PC 4 PAGE 1 OF 1

MO Jan DAY 12 YEAR 2021

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
MODO	80 m	301° NW	1	0750	A	flying, calling
CORA	163m	40° NE	2	0811	A	flying 0
HOFI	95m	111° E	1	0823	A	flying
LEGO	77m	245° SW	1	0937	A	flying & singing
MODO	145m	205° SW	3	1044	A	perched 0 0

Observation Time: 07^{30}-11^{30} am
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #7

OBSERVER(S) Jeff Priest MO 1 DAY 12 YR 2021

0730-1130 ADDRESS Dudek 605 Third Street Encinitas CA 92024

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed		1	1	1-2	1	→		
Wind Dir. (From)		W	N	NW	→	N		
Temp. (Deg. C) F.		36°	44°	46°	51°	56°		
Humidity		39%	30%	24%	18%	15%		
Bar. Pressure		30.3	→	→	→	→		
Cloud Cover		15%	→	→	→	20%		
Visibility Km		25+	→	→	→	→		
Precipitation		0	→	→	→	→		
Flight Direction		NW		NE	N			
Height of Flight		2		2	2			
No. of Observers		1	→	→	→	→	Total	Comments
Dur. of Obs. (min)		30	60	60	60	30		
Black Vulture								
Turkey Vulture			1					
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk				1	1			
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Jeff Priest OP LOCATION #7 PAGE 1 OF 2

RO 1 DAY 12 YEAR 2021 0730-1130

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	(m) DISTANCE FROM	DIRECTION	TIME (total min	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
CORA	350	32°	1	0805	A	
BTSP	21	9°	1	0821	A	
LEGO	10	256°	1	0836	A	
TWW	1200	314°	1	0840	A	
MODO	60	44°	1	0906	2A	
HOFI	18	186°	1	1011	3A	
NOMO	72	30°	1	1025	A	
RTHA	300	43°	1	1030	A	
RTHA	400	350°	1	1055	A	

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 3

OBSERVER(S) Shana Carey

MO Sep DAY 12 YR 2021

	12-1	1-2	2-3	3-4				
TIME (STD)								
Wind Speed (mph)	1-10	1-10	1-12	1-12				
Wind Dir. (From)								
Temp. (Deg. F)	66°	68°	66°	65°				
Humidity								
Bar. Pressure								
Cloud Cover (%)	0	0	10	10				
Visibility (km)	25+		25+	25+				
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	Comments
Dur. of Obs. (min)	60	60		60			240	
Black Vulture								
Turkey Vulture								
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk			√(1)					Detected at 306° NW approx. 140m away then flew SW across field
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Shana Corey OP LOCATION PC 3 PAGE 1 OF 1

MO Jan DAY 12 YEAR 2021

EAGLE SPECIES and ID no. 1, 2, 3 etc	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
BTGN	20m	273°W	1	1215	A	Foraging / calling from shrubs in wash
CORA	50m	55°NE	5	1255	A(2)	Circling vicinity, then flew SE over fury
RTHA	140m	306° NW	1	1442	A	Flying SW across fury
LEGO	80m	346°N	1	1521	A	Singing?
NOMO	160m	72° E	1	1534	A	Calling 0
						0

Observation Time: 12°°-16°° pm
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #5

OBSERVER(S) Jeff Priest

MO 1 DAY 12 YR 2021

ADDRESS Dudek 605 Third Street Encinitas CA 92024

1150 - 1550

TIME (STD)	6-7	12-5	1-3	3-5	4-5	11-12		
Wind Speed	1-2	1	1	→	1-2			
Wind Dir. (From)	SE	→	→	→	→			
Temp. (Deg. Of F	60°	62°	63°	→	→			
Humidity	14%	→	13%	12%	→			
Bar. Pressure	30.3	→	→	→	→			
Cloud Cover	30%	→	40%	60%	70%			
Visibility Km	25+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction		W/NW						
Height of Flight		2						
No. of Observers	1	→	→	→	→		Total	Comments
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture		H						
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk		1						
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2018

OBSERVER Jeff Priest OP LOCATION #5 PAGE 2 OF 2

MO 1 DAY 12 YEAR 2021 1150-1550

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	(m) DISTANCE FROM	DIRECTION	TIME (total min	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
BTSW	47	~~238~~	1	1216	A	
SAPH	18	150°	1	1237	A	
LORA	350	260°	1	1250	A	
RTHA	~~328~~	322°	1	1322	A	Distance: 500m
TUVU	~~260~~	260°	1	1345	2A	Distance: 1200m
HOLA	114	14°	2	1424	2A	
BTSP	64	200°	1	1531	A	

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 3

OBSERVER(S) Shana Carey

ADDRESS

MO Apr DAY 20 YR 2021

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed (mph)	1-4	1-5	1-8	1-10				
Wind Dir. (From)	N	N	N	N				
Temp. (Deg. ■) F	65	71	76	80				
Humidity (%)	19	17	14	11				
Bar. Pressure								
Cloud Cover	0	0	0	0				
Visibility (km)	25+	25+	25+	25+				
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture								
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel	√(1)							Perched on rock + telephone pole in vicinity
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2021

OBSERVER Shana Corey OP LOCATION PC 3 PAGE 1 OF 1

MO April DAY 20 YEAR 2021

EAGLE SPECIES and ID no : 1, 2, 3 etc	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
AMKE	180 m	72° E	2	0615	A	Perched on rock & telephone pole; ♀
CASJ	40 m	319° NW	2	0626	A	Boisterous calling
MODO	114 m	190° S	1	0646	A	Flying west parallel to fwy
NRWS	20 m	317° NW	1	0647	A	flying south
MODO	114 m	244° SW	1	0657	A	flying east
HOFI	60 m	276° W	1	0710	A	acoustic detection; singing
NOMO	180 m	136° SE	1	0711	A	acoustic detection; singing
WCSP	30 m	260° W	15	0715	A(3)	foraging in wash moving east
HOFI	20 m	162° S	1	0730	A	flying south
MODO	50 m	128° SE	1	0743	A	flying NE
ATFL	125 m	105° E	2	0817	A	Perched then flew north
BHCO	20 m	109° E	1	0820	A(8)	Flying east in flock
WCSP	35 m	151° SE	2	0822	A(2)	Foraging in tree then flew east
LEGO	100 m	151° SE	4	0823	A	Acoustic detection
LOSH	80 m	240° SW	9	0835	A	Perched
WCSP	20 m	261° W	1	0914	A	Foraging

Observation Time: 0615 - 1015 am
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation E.g., 1430-1440
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar point 5

OBSERVER(S) Jeff Priest MO 4 DAY 20 YR 2021

ADDRESS 6005 Third St. Encinitas CA 92024

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed	1	→	→	→	1			
Wind Dir. (From)	NW	→	→	→	SE			
Temp. (Deg. C) F.	57	63	72	76	85			
Humidity	19%	17%	14%	12%	→			
Bar. Pressure	29.8	→	→	→	→			
Cloud Cover	0	→	→	→	→			
Visibility KM	20+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction		NW	N					
Height of Flight		2	2					
No. of Observers	1	→	→	→	→		Total	**Comments**
Dur. of Obs. (min)	45	60	60	60	15		240	

Black Vulture								
Turkey Vulture			11					
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk		1						
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2017

OBSERVER Jeff Priest OP LOCATION 5 PAGE 1 OF 2

MO 4 DAY 20 YEAR 2021 0615-1015

EAGLE SPECIES and ID no.: 1, 2 ,3 etc.	DISTANCE (mi) FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
CORA	78	230°	1	0616	A	
HOFI	12	25°	1	0629	3A	
NRWS	240	137°	3	0710	A	flock of ~12
RTHA	340	275°	1	0728	A	
CORA	[illegible]	204°	1	0740	2A	Distance = 350 m
CLSW	80	79°	1	0749	A	
TUVU	430	280°	1	0807	2A	
MODO	33	42°	1	0917	A	

start: 0615, w 2-3, 0% cc, 57°F

end: 1015, w 1-3 0% cc, 85°F

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate.

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 4

OBSERVER(S) Shana Carey

ADDRESS

MO April DAY 20 YR 2021

TIME (STD)	10:30-11:30	11:30-12:30	12:30-1:30	1:30-2:30	10-11	11-12		
Wind Speed (mph)	2-9	3-10	5-15	5-23				
Wind Dir. (From)	N	N	N	N				
Temp. (Deg. F)	83	86	90	95				
Humidity (%)	11	9	7	4				
Bar. Pressure								
Cloud Cover	0	0	0	0				
Visibility (km)								
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture	✓(2)							
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2021

OBSERVER Shana Carey OP LOCATION PC 4 PAGE 1 OF 1

MO April DAY 20 YEAR 2021

EAGLE SPECIES and ID no 1, 2, 3 etc	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
TUVU	600 m	152° SE	4	1058	A(2)	Soared towards point then flew north
WIWA	50 m	63° NE	1	1140	A	Foraging in tree
NAWA	50 m	51° NE	1	1143	A	Foraging in tree
CALT	50 m	51° NE	1	1143	A	Foraging near ground
TUVU	400 m	25° N	2	1145	A	Soaring
LEGO	15m	87° E	1	1314	A(2)	Flying overhead

Observation Time: 10^{30} - 2^{30}
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #7

OBSERVER(S) Jeff Priest

MO 4 DAY 20 YR 2021

1030 - 1430 ADDRESS 605 Third St. Encinitas CA 92024

TIME (STD)	~~6-7~~	~~7-8~~	~~8-9~~	~~9-10~~	10-11	11-12		
Wind Speed	1	2	→	3-4	2			
Wind Dir. (From)	SE	→	→	S	→			
Temp. (Deg. ☒F)	86	90°	94°	96°	97°			
Humidity	12%	11%	8%	5%	4%			
Bar. Pressure	29.8	→	29.7	→	→			
Cloud Cover	0	→	→	→	→			
Visibility Km	20+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction	NW		SE					
Height of Flight	2		2					
No. of Observers	1	→		→			Total	Comments
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture	1		III					
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk	1							
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

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Mc COY/BLYTHE EAGLE NESTING SURVEYS 2017

OBSERVER Jeff Priest OP LOCATION 7 PAGE 2 OF 2

MO 4 DAY 20 YEAR 2021 1030-1430

EAGLE SPECIES and ID no.: 1, 2 ,3 etc.	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
SWHA	400	30°	2	1054	A	
TUVU	500	53°	1	1107	A	
LEGO	8	132°	1	1126	2A	
NOMO	68	107°	3	1251	A	
TUVU	780	303°	1	1320	3A	
LEGO	20	345°	1	1332	A	

start: 1030, 0% CC, W1-3, 86°F
end: 97°F; W3-5, 0% CC

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 2

OBSERVER(S) Shana Corr

ADDRESS

MO April DAY 21 YR 2021

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed (mph)	5-10	5-12	5-15	10-25				
Wind Dir. (From)								
Temp. (Deg. F)	64°	68°	72°	78°				
Humidity (%)	19	17	16	14				
Bar. Pressure								
Cloud Cover	0	0	10	30				
Visibility	25+							
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	Comments
Dur. of Obs. (min)	60	60	60				240	
Black Vulture								
Turkey Vulture			√(1)					
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form

Rev: 03/98 LEK

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2021

OBSERVER Shana Carey OP LOCATION PC 2 PAGE 1 OF 1

MO April DAY 21 YEAR 2021

EAGLE SPECIES and ID no.: 1, 2, 3 etc	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
WIWA	60 m	227° SW	20	0615	A	Foraging in tree
NRWS	10 m	233° SW	4	0622	A(2)	Foraging on the wing
WCSP	60 m	188° S	5	0640	A	Foraging
NAWA	60 m	222° SW	3	0643	A	Foraging in tree
LEGO	100 m	200° S	1	0710	A	Acoustic detection
LOSH	30 m	195° S	1	0744	A	Hunting / foraging
WEKI	10 m	66° NE	1	0755	A	Flying
MODO	30 m	191° S	1	0817	A	Flying
TUVU	20 m	34° NE	5	0913	A	Soaring, foraging?

Observation Time: 0615 - 1015
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation E.g., 1430-1440
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate.

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar # 8

OBSERVER(S) Jeff Priest

MO 4 DAY 21 YR 2021

ADDRESS 605 Third st Encinitas CA 92024

0615-1015

TIME (STD)	6-7	7-8	8-9	9-10	10-11	11-12		
Wind Speed	1	1-2	2-3	3	3			
Wind Dir. (From)	SE	→	→	→	S			
Temp. (Deg. F)	66°	72°	75°	79°	85°			
Humidity	20%	17%	→	16%	13%			
Bar. Pressure	29.6	29.7	29.6	29.7	→			
Cloud Cover	20%	→	→	30%	→			
Visibility KM	20+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction			S					
Height of Flight			2					
No. of Observers	1	→	→	→	→		Total	Comments
Dur. of Obs. (min)	45	60	60	60	15		240	

Black Vulture							
Turkey Vulture			11				
Osprey							
Swallow-tailed Kite							
White-tailed Kite							
Mississippi Kite							
Hook-billed Kite							
Bald Eagle							
Northern Harrier							
Sharp-shinned							
Cooper's Hawk							
Northern Goshawk							
Red-shouldered							
Broad-winged							
Short-tailed Hawk							
Swainson's Hawk							
Red-tailed Hawk							
Ferruginous Hawk							
White-tailed Hawk							
Zone-tailed Hawk							
Harris' Hawk							
Rough-legged							
Golden Eagle							
American Kestrel							
Merlin							
Peregrine Falcon							
Gyrfalcon							
Prairie Falcon							
Crested Caracara							
Unid. Vulture							
Unid. Accipiter							
Unid. Buteo							
Unid. Eagle							
Unid. Falcon							
Unid. Raptor							
Other (From Back)							
TOTAL							

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2017

OBSERVER Jeff Priest OP LOCATION 8 PAGE 1 OF 2

MO 4 DAY 21 YEAR 2021 0615-1015

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
GENH	32	273°	2	0615	A	
CLSW	46	144°	1	0617	A	~ID
WTSW	38	238°	1	0617	A	
CLSW	52	338°	1	0625	2A	
NRWS	411	230°	2	0632	4A	
WCSP	8	299°	1	0645	A	
ANHU	10	129°	1	0743	A	
TWVU	460	282°	2	0803	2A	
CORA	248	15°	1	0829	A	
HOFI	32	179°	1	0912	2A	
ANHU	3	86°	1	0923	A	

- start: 66°F; 20% CC
W 0-1 mph

end: 85°F, 30% CC
W 7-13 mph

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate.

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION PC 1

OBSERVER(S) Shana Carey

MO Apr. DAY 21 YR 2021

ADDRESS

10:35-11:35 | 11:35-12:35 | 12:35-1:35 | 1:35-2:35

TIME (STD)								
Wind Speed (mph)	5-12	5-12	1-15	1-15				
Wind Dir. (From)								
Temp. (Deg. F)	79	81	83	85				
Humidity (%)	12	12	12	12				
Bar. Pressure								
Cloud Cover (%)	40	20	10	0				
Visibility (km)	25+	25+	25+	25+				
Precipitation	0	0	0	0				
Flight Direction								
Height of Flight								
No. of Observers	1	1	1	1			Total	**Comments**
Dur. of Obs. (min)	60	60	60	60			240	
Black Vulture								
Turkey Vulture		√(1)						
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form

Rev: 03/98 LEK

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2021

OBSERVER Shona Carey OP LOCATION PC 1 PAGE 1 OF 1

MO April DAY 21 YEAR 2021

EAGLE SPECIES and ID no: 1, 2 ,3 etc	DISTANCE FROM OP	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
MoDO	75m	148°SE	2	1049	A	Flying
TUVU	1000m	78°E	3	1150	A	Soaring over mountains
MoDO	48m	216°SW	1	1216	A	Flying
HOFI	71m	353°N	1	1333	A	Flying

Observation Time: $10^{20} - 2^{30}$
No eagles observed

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g. 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate.

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

HAWK MIGRATION ASSOCIATION OF NORTH AMERICA

HMANA DAILY REPORT FORM

LOCATION Blythe Solar #6

OBSERVER(S) Jeff Priest

MO 4 DAY 21 YR 2021

1035-1435 ADDRESS 605 Third St. Encinitas CA 92024

TIME (STD)	~~6-7~~	~~7-8~~	~~8-9~~	~~9-10~~	10-11	11-12		
Wind Speed	3-4	→	→	→	2-3			
Wind Dir. (From)	S	→	→	→	→			
Temp. (Deg. ~~F~~ F	85°	86°	85°	87°	→			
Humidity	13%	12%	11%	10%	→			
Bar. Pressure	29.7	→	→	29.6	→			
Cloud Cover	40%	30%	20%	0%	→			
Visibility Km	20+	→	→	→	→			
Precipitation	0	→	→	→	→			
Flight Direction	E	W/N						
Height of Flight	2	2						
No. of Observers	1	→	→	→	→		Total	Comments
Dur. of Obs. (min)	60	60	60	60			240	

Black Vulture								
Turkey Vulture	1	11						
Osprey								
Swallow-tailed Kite								
White-tailed Kite								
Mississippi Kite								
Hook-billed Kite								
Bald Eagle								
Northern Harrier								
Sharp-shinned								
Cooper's Hawk								
Northern Goshawk								
Red-shouldered								
Broad-winged								
Short-tailed Hawk								
Swainson's Hawk								
Red-tailed Hawk								
Ferruginous Hawk								
White-tailed Hawk								
Zone-tailed Hawk								
Harris' Hawk								
Rough-legged								
Golden Eagle								
American Kestrel								
Merlin								
Peregrine Falcon								
Gyrfalcon								
Prairie Falcon								
Crested Caracara								
Unid. Vulture								
Unid. Accipiter								
Unid. Buteo								
Unid. Eagle								
Unid. Falcon								
Unid. Raptor								
Other (From Back)								
TOTAL								

Comments: Use back of form. Rarities: List species, hour number and description on back of form.

Rev: 03/98 LEK

Mc COY/BLYTHE EAGLE NESTING SURVEYS 2017

OBSERVER Jeff Priest OP LOCATION #6 PAGE 2 OF 2

MO 4 DAY 21 YEAR 2021 1035-1435

EAGLE SPECIES and ID no.: 1, 2, 3 etc.	DISTANCE FROM OP (m)	DIRECTION	TIME (total min observed)	Time Period	AGE	NOTES (behavior, pairs, foraging, etc.)
TuVu	387	236°	1	1055	A	
ANHa	18	60°	1	1125	A	Very windy
TuVu	760	350°	1	1153	A	
TuVu	480	275°	1	1159	A	
CLSW	34	280°	1	1240	A	
CCSW	68	60°	1	1321	2A	

start: 85°F, 40% CC, W 7-13mph; 1035
end: 87°F, 0% CC W 4-12

Distance from OP: Approximate in miles
Direction: General compass direction eagle observed flying
Time (total min): total time in minutes each eagle observation
Time Period: Time period of time each eagle observation. E.g., 1430-1440.
Age: Note if Juvenile, Sub-Adult, or Adult
Notes: Add any additional observations if appropriate.

MAP ALL OBSERVATIONS AND POTENTIAL NEST LOCATIONS

3.4.2 SOIL AND WATER-1 & 19: Erosion Control and Drainage

In accordance with the approved Storm Water Damage Monitoring and Response Plan, the operations Designated Inspector is completing post-storm site inspections to identify any potential erosion control issues during operations. During this reporting period, the Designated Inspector found no breaches or damage to the Permanent Security Fence/Desert Tortoise Fence. No panels or support structures were damaged or eroded past the Minimum Depth Stability Threshold.

3.4.3 SOIL AND WATER-4 & 5: Groundwater Monitoring

The 2021 fourth quarter Groundwater Monitoring Report was submitted under a separate cover in January 2022.

3.4.4 SOIL AND WATER-9: Notice of Extraction and Diversion

A copy of the Notice of Extraction and Diversion filed during the reporting year is included as **Appendix C**.

3.4.5 WASTE-7 & WASTE-10: Hazardous Waste Generation Reporting and Solid Waste Disposal Actions

No waste was generated during the reporting year.

Table 1
Waste Generation, Management, and Disposal Summary

Waste Type	Volume or Weight	Disposal/Recycling Facility	Disposal Action
None	-	-	-

3.5 Local Impacts

3.5.1 VIS-1: Surface Treatment

All surfaces remained in good condition and no preventative maintenance activities occurred during this reporting period. There are currently no scheduled maintenance activities planned for 2022.

3.6 Project Incidents and Corrective Actions

No non-compliance incidents or corrective actions were issued or identified during this reporting period.

4 CONDITIONS OF CERTIFICATION CHANGES

A list of CPM approved Post-certification Changes to the operations of the BSPP is included here:

- The CPM determined that COCs BIO-19, BIO-25, and BIO-26 do not require any action during operations for Units 1 and 2 until further unit construction or the evaporation ponds are built.
- The CPM confirmed on 8-7-2017 that an SPCC Plan is not required at BSPP and that the Oil Spill Plan submitted by BSPP is equivalent to the SPCC Plan and acceptable for the purpose of meeting HAZ-2 SPCC requirements.
- The CPM confirmed on 1-3-2017 that the Provisional Closure Plan required by COC COM-15 can be submitted one year after the start of commercial operation and that the sixty-day reference in the COC verification should be disregarded.

Appendix A

Blythe Solar

Compliance Matrix 2021

Matrix Item #	Cond. #	Activity Description	Project Phase	Technical Area	Recurrence	Status	Submittal Due Date	Submittal Date	Agency Approval
1	AQ-SC-6	The project owner, when obtaining dedicated on-road or off-road vehicles for panel washing activities and other facility maintenance activities, shall only obtain vehicles that meet California on-road vehicle emission standards or appropriate U.S.EPA/California off-road engine emission standards for the latest model year available when obtained.	O	Equipment	N/A	Ongoing	N/A	N/A	N/A
2	AQ-SC-7	The Site Operations Fugitive Dust Control Plan shall include the use of durable non-toxic soil stabilizers on all regularly used unpaved roads and disturbed off-road areas, or alternative methods for stabilizing disturbed off-road areas, within the project boundaries, and shall include the inspection and maintenance procedures that will be undertaken to ensure that the unpaved roads remain stabilized.	O	BLM/CEC	ROD/CEC Approval	PGD	n/a		General
3	BIO-11	The project owner shall provide Energy Commission, CDFW, and USFWS and BLM staff with reasonable access to the project site and compensation lands under the control of the project owner and shall otherwise fully cooperate with the Energy Commission's and BLM's efforts to verify the project owner's compliance with, or the effectiveness of, mitigation measures set forth in the Conditions of Certification.	CO	Biology	N/A	Ongoing	N/A	N/A	N/A
4		4. Notification of Injured, Dead, or Relocated Listed Species. If an injured or dead listed or special status species is detected within or near the Project Disturbance area, the CPM, the Ontario Office of CDFW, and Palm Springs Office of USFWS shall be notified immediately by phone and email, or as otherwise directed by the CPM or, in the case of avian species, controlling permits as issued by the USFWS. Notification shall occur no later than noon on the business day following the event if it occurs outside normal business hours so that the agencies can determine if further actions are required to protect listed species (within 8 hours in the case of desert kit fox). Written follow-up notification via FAX or electronic communication shall be submitted to these agencies within two calendar days of the incident and include the following information as relevant:	CO	BLM/CEC	ROD/CEC Approval				No Action Unless Event Occurs
5		a. Injured Desert Tortoise. If a desert tortoise is injured as a result of project-related activities during construction, the Designated Biologist or approved Biological Monitor shall immediately take it to a CDFW- approved wildlife rehabilitation and/or veterinarian clinic. Any veterinarian bills for such injured animals shall be paid by the project owner. Following phone notification as required above, the CPM, CDFW, and USFWS shall determine the final disposition of the injured animal, if it recovers. Written notification shall include, at a minimum, the date, time, location, circumstances of the incident, and the name of the facility where the animal was taken. b. Desert Tortoise Fatality. If a desert tortoise is killed by project-related activities during construction or operation,		BLM/CEC					
6		No later than 2 days following the above required notification of a sighting, kill, or relocation of a listed species, the project owner shall deliver to the CPM, BLM, CDFW, and USFWS via FAX or electronic communication the written report from the Designated Biologist describing all reported incidents of injury, kill, or relocation of a listed species, identifying who was notified, and explaining when the incidents occurred. In the case of a sighting in an active construction area, the project owner shall, at the same time, submit a map (e.g., using Geographic Information Systems) depicting both the limits of construction and sighting location to the CPM, BLM, CDFW and USFWS.		BLM/CEC					
7	BIO-12	Within 90 days after completion of all project related ground disturbance, the project owner shall provide to the CPM, CDFW, BLM and USFWS an analysis, based on aerial photography, with the final accounting of the amount of habitat disturbed during project construction. This shall be the basis for the final number of acres required to be acquired.	CO	BLM/CEC	ROD/CEC Approval		N/A		
8	BIO-13	Within 30 days after completion of project construction, the project owner shall provide to the CPM for review and approval, a written report identifying which items of the Raven Plan have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which items are still outstanding.	CO	BLM/CEC	ROD/CEC Approval	PGD, Dudek	44196		Action Submittal
9		As part of the annual compliance report, each year following construction the Designated Biologist shall provide a report to the CPM that includes: a summary of the results of raven management and control activities for the year; a discussion of whether raven control and management goals for the year were met; and recommendations for raven management activities for the upcoming year.	OP	BLM/CEC					
10		Within 30 days after completion of project construction, the project owner shall provide to the CPM for review and approval, a written report identifying which items of the Weed Management Plan have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which items are still outstanding.	CO	BLM/CEC	ROD/CEC Approval		44196		Action ACR

Blythe Solar

Compliance Matrix 2021

11	BIO-14	As part of the annual compliance report, each year following construction the Designated Biologist shall provide a report to the CPM that includes: a summary of the results of noxious weeds surveys and management activities for the year; a discussion of whether weed management goals for the year were met; and recommendations for weed management activities for the upcoming year.		BLM/CEC					
12		The project owner shall implement a Weed Management Plan (Plan) that meets the approval of the CPM. The objective of the Plan shall be to prevent the introduction of any new weeds and the spread of existing weeds as a result of project site mobilization, construction, operation, and closure.	All	Weed Management	N/A	Ongoing	N/A	N/A	N/A
13	BIO-15	Reporting Protocol: Verification of Survey Results (including preconstruction bird and bat use, mortality monitoring, and golden eagle monitoring): All survey results and complete reports, including raw data, shall be submitted to the CPM after each survey season and in an annual summary report throughout the course of the study period, or as otherwise directed by the CPM. The results of onsite injury and mortality monitoring will be reported monthly or more frequently, if requested by the CPM. Post-construction monitoring studies included in the BBCS shall be for at least two years following commencement of commercial operation of each individual unit.	CO	Bird and Bat	Quarterly	Ongoing		Multiple completion dates 43165	
14		The reports shall also assess any adaptive management measure implemented during the prior year as approved by the CPM. After the second year of the monitoring program, the CPM shall meet and confer with the TAC and shall use the criteria contained in the BBCS to determine if subsequent monitoring periods are warranted		Bird and Bat	Annually				
15		If a carcass or injured special status species is found at any time by the monitoring study or project operations staff, the project owner, Designated Biologist, or other qualified biologist that may be identified by the Designated Biologist shall contact the CPM, CDFW and USFWS by email, fax or other electronic means within one working day of any such detection. Verification of other injuries or mortalities shall be within 48 hours, or as otherwise directed by the CPM.	CO	BLM/CEC	ROD/CEC Approval				
16	BIO-16	3. During operations and maintenance prior to mowing and any other vegetation maintenance during the nesting season, (February 1 through July 31) a single survey shall be conducted within 7 days of construction or maintenance activity to determine whether birds are nesting in the vegetation on site;	OP	BLM/CEC	ROD/CEC Approval	PGD			Action
17	BIO-17	iii. Active natal/pupping dens. If an active natal den (a den with pups) is detected on the site, the project owner shall proceed to implement the approved Plan and shall also notify the BLM, CPM, and CDFW within 24 hours. A 500- foot no-disturbance buffer shall be maintained around all active dens.	CO	BLM/CEC	ROD/CEC Approval				
18		c. Exception for American badger. In the event that passive relocation techniques fail for badgers, outside the denning season, or during the denning season if individual badgers can be verified to not have a litter, then live-trapping by a CDFW and CPM approved trapper is an option that may be employed to safely perform active removal as a last resort.		BLM/CEC					
19		Notify the CPM, BLM and CDFW if injured, sick, or dead American badger and desert kit fox are found. If an injured, sick, or dead animal is detected on any area associated with the solar project site or associated linear facilities, the CPM, BLM Palm Springs/ South Coast Field Office and the Ontario CDFW Office as well as the CDFW Wildlife Investigation Lab (WIL) shall be notified immediately by phone (8 hours in the case of a fatality). Written follow-up notification via FAX or electronic communication shall be submitted to the CPM, BLM and CDFW within 24 hours of the incident and shall include the following information as appropriate:		BLM/CEC					
20		No later than 24 hours following a phone notification of an injured, sick, or dead American badger or desert kit fox, the project owner shall provide to the CPM, BLM and CDFW, via FAX or electronic communication, a written report from the Designated Biologist describing the incident of sickness, injury, or death of an American badger or desert kit fox, when the incident occurred, and who else was notified.		BLM/CEC					
21		5. Additional protection measures to be included in the Plan and implemented: a. All pipes within the project disturbance area outside the solar plant site, or inside the solar plant site if foxes are still on the site, must be fenced, capped and/or covered every evening or when not in use to prevent desert kit foxes or other animals from accessing the pipes and/or monitored. b. All project-related water sources shall be covered and secured when not in use to prevent drowning.	All	Fox and Badger	N/A	Ongoing	N/A	N/A	N/A

Blythe Solar

Compliance Matrix 2021

22		f. In order to reduce the likelihood of distemper transmission: i. No pets shall be allowed on the site prior to or during site mobilization and construction, operation, and non-operation and closure, with the possible exception of vaccinated kit fox scat detection dogs during preconstruction surveys, and then only with prior CPM and CDFW approval; ii. Any hazing activities that include the use of chemical or other repellents (e.g. ultrasonic noise makers, or non-animal-based chemical repellents) must be cleared through the CPM and CDFW prior to use. The use of animal tissue or excretion based repellents (e.g. coyote urine, anal gland products) is not permitted. iii. Any sick or diseased kit fox, or documented kit fox mortality shall be reported to the CPM, CDFW, and the BLM immediately upon identification (within 8 hours for mortality). If a dead kit fox is observed, it shall be collected and stored according to established protocols distributed by CDFW WIL, and the WIL shall be contacted to determine carcass suitability for necropsy.		Fox and Badger	N/A	Ongoing	N/A	N/A	N/A
23		Within 30 days of participation in the CDFW led fee based Monitoring and Mitigation Program during site mobilization and construction or operation the project owner will submit a revised Plan that includes the program information related to the project and confirmation that all fees are paid.		Fox and Badger	N/A	Ongoing	N/A	N/A	N/A
24	BIO-18	2. Implement Burrowing Owl Mitigation Plan. The project owner shall implement measures described in the final Burrowing Owl Mitigation Plan. The final Burrowing Owl Mitigation Plan shall be approved by the CPM, in consultation with BLM, USFWS and CDFW	CO	BLM/CEC	ROD/CEC Approval				
25		Implement Avoidance Measures. If an active burrowing owl burrow is detected within 500 feet from the Project Disturbance Area, avoidance and minimization measures shall be implemented:		BLM/CEC					
26		Within 30 days after completion of construction the project owner shall provide to the CDFW and CPM a written report identifying how mitigation measures described in the plan have been completed.		BLM/CEC					
27	BIO-19	The project owner shall immediately provide written notification to the CPM, CDFW, USFWS, and BLM if it detects a State- or Federal-Listed Species, or BLM Sensitive Species at any time during its late summer/fall botanical surveys or at any time thereafter through the life of the project, including conclusion of project decommissioning.	CO	BLM/CEC	ROD/CEC Approval		- 42035		
28		The project owner shall submit a monitoring report every year for the life of the project to monitor effectiveness of protection measures for all avoided special-status plants to the CPM and BLM State Botanist. The monitoring report shall include: dates of worker awareness training sessions and attendees, completed CNDDB field forms for each avoided occurrence on-site and within 100 feet of the project boundary off-site, and description of the remedial action, if warranted and planned for the upcoming year. The completed forms shall include an inventory of the special-status plant occurrences and description of the habitat conditions, an indication of population and habitat quality trends.		BLM/CEC					
29	BIO-19A	Designated Botanist. An experienced botanist who meets the qualifications described in Section B-2 below shall oversee compliance with all special-status plant avoidance, minimization, and compensation measures described in this Condition throughout construction and closure. The Designated Botanist shall oversee and train all other Biological Monitors tasked with conducting botanical survey and monitoring work. During operation of the project, the Designated Biologist shall be responsible for protecting special-status plant occurrences within 100 feet of the project boundaries.	CO	Vegetation	N/A	Ongoing	N/A	N/A	N/A
30		c. Special-Status Plant Worker Environmental Awareness Program (WEAP). The WEAP (BIO-6) shall include training components specific to protection of special-status plants as outlined in this Condition. d. Herbicide and Soil Stabilizer Drift Control Measures. Special-status plant occurrences within 100 feet of the Project Disturbance Area shall be protected from herbicide and soil stabilizer drift. The Weed Control Program (BIO-14) shall include measures to avoid chemical drift or residual toxicity to special-status plants consistent with guidelines such as those provided by the Nature Conservancy's The Global Invasive Species Team11 , the U.S. Environmental Protection Agency, and the Pesticide Action Network Database12. e. Erosion and Sediment Control Measures. Erosion and sediment control measures shall not inadvertently	All	Vegetation	Annually	Ongoing	N/A	N/A	N/A
31		f. Avoid Special-Status Plant Occurrences. Areas for spoils, equipment, vehicles, and materials storage areas; parking; equipment and vehicle maintenance areas, and wash areas shall be placed at least 100 feet from any ESAs. g. Monitoring and Reporting Requirements. The Designated Botanist shall conduct weekly monitoring of the ESAs that protect special-status plant occurrences during construction and decommissioning activities.	All	Vegetation	N/A	Ongoing	N/A	N/A	N/A
32		Initial Protection and Habitat Improvement. The project owner shall fund activities that the CPM requires for the initial protection and habitat improvement of the compensation lands. These activities will vary depending on the condition and location of the land acquired, but may include trash removal, construction and repair of fences, invasive plant removal, and similar measures to protect habitat and improve habitat quality on the compensation lands.	CO	BLM/CEC	ROD/CEC Approval				

Blythe Solar

Compliance Matrix 2021

33	BIO-19DI	Interest, Principal, and Pooling of Funds. The project owner shall ensure that an agreement is in place with the long-term maintenance and management fund (endowment) holder/manager		BLM/CEC					
34		The CPM, in consultation with CDFW, may designate another non-profit organization to hold the long-term maintenance and management fee if the organization is qualified to manage the compensation lands in perpetuity. If CDFW takes fee title to the compensation lands, CDFW shall determine whether it will hold the long-term management fee in the special deposit fund, leave the money in the REAT Account, or designate another entity to manage the long-term maintenance and management fee for CDFW and with CDFW supervision.		BLM/CEC					
35	BIO-20	Within 90 days after completion of project construction, the project owner shall provide to the CPM an analysis with the final accounting of the amount of sand dune/stabilized sand dune habitat disturbed during project construction.	CO	BLM/CEC	ROD/CEC Approval		#REF!		
36	BIO-22	Within 90 days after completion of project construction, the project owner shall provide to the CPM and CDFW an analysis with the final accounting of the amount of jurisdictional state waters disturbed during project construction.	CO	BLM/CEC	ROD/CEC Approval		#REF!		
37	BIO-23	Upon project closure the project owner shall implement a final Decommissioning and Reclamation Plan. The Decommissioning and Reclamation Plan shall include a cost estimate for implementing the proposed decommissioning and reclamation activities, and shall be consistent with the guidelines in BLM's 43 CFR 3809.550 et seq.	DM	BLM/CEC	ROD/CEC Approval	PGD	Decom		Action
38	BIO-24	The project owner shall implement the following measures to avoid or minimize project-related construction impacts to golden eagles. 1. Annual Inventory. For each calendar year during which construction will occur and for up to two years after commercial operation begins an inventory shall be conducted to determine if golden eagle territories occur within one mile of the project boundaries. Survey methods for the inventory shall be as described in the USFWS Land Based Wind Energy Guidelines (2011b) or more current guidance from the USFWS or CPM. 2. Inventory Data: Data collected during the inventory shall include at least the following: territory status (unknown,	CO	Golden Eagle	Annually	Ongoing	42917	43556	
39	BIO-25	The project owner shall cover the evaporation ponds prior to any discharge with mesh netting designed to exclude birds and other wildlife from drinking or landing on the water of the ponds. Netting mesh sizes approval shall be determined by the CPM in consultation with CDFW and USFWS. The netted ponds shall be monitored regularly to verify that the netting remains intact, is fulfilling its function in excluding birds and other wildlife from the ponds, and does not pose an entanglement threat to birds and other wildlife. The ponds shall include a visual deterrent in addition to the netting, and the pond shall be designed such that the netting shall never contact the water. Monitoring of the evaporation ponds shall include the following:	CO	BLM/CEC	ROD/CEC Approval				
40		The Designated Biologists shall report any bird or other wildlife deaths or entanglements within two days of the discovery to the CPM, CDFW, and USFWS.	CO	BLM/CEC	ROD/CEC Approval				
41		3. Quarterly Monitoring. If after 12 consecutive monthly site visits no bird or wildlife deaths or entanglements are detected at the evaporation ponds by or reported to the Designated Biologist, monitoring can be reduced to quarterly visits.	O	BLM/CEC	ROD/CEC Approval				General
42		4. Biannual Monitoring. If after 12 consecutive quarterly site visits no bird or wildlife deaths or entanglements are detected by or reported to the Designated Biologist and with approval from the CPM, USFWS and CDFW, future surveys may be reduced to two surveys per year, during the spring nesting season and during fall migration. If approved by the CPM, USFWS and CDFW, monitoring outside the nesting season may be conducted by the Environmental Compliance Manager.	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek			General
43		5. Modification of Monitoring Program. Without respect to the above requirements the project owner, CDFW or USFWS may submit to the CPM a request for modifications to the evaporation pond monitoring program based on information acquired during monitoring, and may also suggest adaptive management measures to remedy any problems that are detected during monitoring or modifications if bird impacts are not observed. Modifications to the evaporation pond monitoring described above and implementation of adaptive management measures shall be made only after approval from the CPM, in consultation with USFWS and CDFW.	O	BLM/CEC	ROD/CEC Approval	PGD			Submittal
44		In addition, the project owner shall prepare and implement measures that will prevent Couch's spadefoot toads from using the evaporative basins (see Condition of Certification BIO-26)	CO	BLM/CEC	ROD/CEC Approval				
45	BIO-4	During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties cease, as approved by the CPM.	O	BLM/CEC	ROD/CEC Approval	Dudek	Annual		Annually

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46	BIO-5	The project owner's construction/operation manager shall act on the advice of the Designated Biologist, Biological Monitor(s), and CPM to ensure conformance with the Biological Resources Conditions of Certification. The project owner shall provide Energy Commission staff with reasonable access to the project site under the control of the project owner and shall otherwise fully cooperate with the Energy Commission's efforts to verify the project owner's compliance with, or the effectiveness of, mitigation measures set forth in the Conditions of Certification. During operations, or when the Designated Biologist and/or Biological Monitors are not onsite,	CO	Biology	N/A	Ongoing	N/A	N/A	N/A
47		the following provisions are the project owner's responsibility The Designated Biologist shall: The Designated Biologist shall have the authority to immediately stop any activity that is not in compliance with these conditions and/or order any reasonable measure to avoid take of an individual of a listed species. If required by the Designated Biologist the project owner's construction/operation manager shall halt all site mobilization, and construction, including ground disturbance, site preparation, or permanent installation activities, including installation of desert tortoise exclusion fencing and operation activities in areas specified by the Designated Biologist.		Biology	N/A	Ongoing	N/A	N/A	N/A
48		The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM and BLM immediately (and no later than the morning following the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities, via phone and email. If the non-compliance or halt to construction or operation relates to desert tortoise or any other federal or state-listed species, the project owner shall notify the Palm Springs Office of USFWS and Ontario Office of CDFW at the same time. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	C, O	BLM/CEC	ROD/CEC Approval				
49		Whenever corrective action is taken by the project owner, a determination of success or failure would be made by the CPM in consultation with BLM, USFWS and CDFW, within 5 working days after receipt of notice that corrective action is completed, or the project owner would be notified by the CPM that coordination with other agencies would require additional time before a determination can be made.		BLM/CEC					
50	BIO-6	The project owner shall develop and implement a Blythe Project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM. The project owner shall also provide the, USFWS and CDFW a copy of all portions of the WEAP relating to desert tortoise and any other federal or state-listed species for review and comment. The WEAP shall be administered to all onsite personnel. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	All	Training	Annually	Ongoing	N/A	N/A	N/A
51		Throughout the life of the project, the WEAP shall be repeated annually for permanent employees, and shall be routinely administered within one week of arrival to any new construction personnel, foremen, contractors, subcontractors, and other personnel potentially working within the project area. Upon completion of the orientation, employees shall sign a form stating that they attended the program and understand all protection measures. These forms shall be maintained by the project owner and shall be made available to the CPM, BLM, USFWS, and CDFW and upon request. Workers shall receive and be required to visibly display a hardhat sticker or certificate that they have completed the training.	All	Training	Annually	Ongoing	N/A	N/A	N/A
52		During project operation, signed statements for operational personnel shall be kept on file for six months following the termination of an individual's employment.	O	Training	N/A	Ongoing	N/A	N/A	N/A
53		The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site mobilization and construction the project owner shall submit two copies of the final WEAP and implement the training for all workers.	C, O	BLM/CEC	ROD/CEC Approval		41892		MCR
54		3. Minimize Traffic Impacts. Vehicular traffic during project construction and operation shall be confined to existing routes of travel to and from the project site, and cross country vehicle and equipment use outside designated work areas shall be prohibited. The speed limit shall not exceed 25 miles per hour within the project area, on dirt maintenance roads for linear facilities, or on dirt access roads to the project site. Private paved roads shall not exceed 45 mph; speed limits will be lowered during the tortoise's most active period (April through May and September through October [USFWS 2010]) to 35 miles per hour. The speed limit within 3 miles of the Colorado River Substation will be posted at 10 mph. Speed limit signs shall be posted on new access roads to the site.	CO	Biology	N/A	Ongoing	N/A	N/A	N/A

55	BIO-8	7. Avoid Use of Toxic Substances. Soil bonding and weighting agents used on unpaved surfaces shall be non-toxic to wildlife and plants. 8. Minimize Lighting Impacts. Facility lighting shall be designed, installed, and maintained to prevent side casting of light towards wildlife habitat. 9. Minimize Noise Impacts. Loud construction activities (e.g., hydraulic ram, or other) shall be avoided from February 15 to April 15 when it would result in noise levels over 65 dBA in nesting habitat (excluding noise from passing vehicles). Loud construction activities may be permitted from February 15 to April 15 only if: a. the Designated Biologist provides documentation (i.e., nesting bird data collected using methods described in BIO-15 and maps depicting location of the nest survey area in relation to noisy construction) to the CPM indicating that no active nests would be subject to 65 dBA noise, OR b. the Designated Biologist or Biological Monitor monitors active nests within the range of construction-related noise exceeding 65 dBA. 10. Avoid Vehicle Impacts to Desert Tortoise. Parking and storage shall occur within the area enclosed by desert tortoise exclusion fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area shall be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed outside the areas permanently fenced with desert tortoise exclusion fencing, it shall be left to move on its own. If it does not move within 15 minutes, a Designated Biologist or Biological Monitor under the Designated Biologist's direct supervision may move it out of harm's way as described in the USFWS Desert Tortoise Field Manual (USFWS 2009). 11. Avoid Wildlife Pitfalls. To avoid trapping desert tortoise and other wildlife in trenches, pipes or culverts, the following measures shall be implemented:	CO	Biology	N/A	Ongoing	N/A	N/A	N/A
56		As part of the Annual Compliance Report each year following construction, the Designated Biologist shall provide a report to the CPM that describes compliance with avoidance and minimization measures to be implemented during construction, operation, and maintenance (for example a summary of the incidence of road-killed animals during the year, implementation of measures to avoid toxic spills, erosion and sedimentation, efforts to enforce worker guidelines, etc.).	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek			Submittal
57		As part of the Annual Compliance Report, each year following construction until the completion of the revegetation monitoring specified in the Revegetation Plan, the Designated Biologist or project owner shall provide a report to the CPM that includes: a summary of revegetation activities for the year, a discussion of whether revegetation performance standards for the year were met; and recommendations for revegetation remedial action, if warranted, are planned for the upcoming year.	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek			ACR
58		Desert tortoise located within the utility ROW alignments shall be moved out of harm's way in accordance with the current USFWS Desert Tortoise Field Manual. Any desert tortoise detected during clearance surveys for fencing within the project site and along the perimeter fence alignment shall be translocated and monitored in accordance with the Desert Tortoise Relocation/Translocation Plan (BIO-10). Tortoise shall be handled by the Designated Biologist(s) in accordance with the current USFWS Desert Tortoise Field Manual.	All	Biology	N/A	Ongoing	N/A	N/A	N/A
59		a. Timing, Supervision of Fence Installation. The exclusion fencing shall be installed in any area subject to disturbance prior to the onset of site clearing and grubbing in that area. The fence installation shall be supervised by the Designated Biologist and monitored by the Biological Monitors to ensure the safety of any tortoise present. b. Fence Material and Installation. All desert tortoise exclusionary fencing shall be constructed in accordance with the current USFWS' Desert Tortoise Field Manual or the most recent agency guidance with the approval of the CPM. c. Security Gates. Security gates shall be designed with minimal ground clearance to deter ingress by tortoises. The gates may be electronically activated to open and close immediately after the vehicle(s) have entered or exited to prevent the gates from being kept open for long periods of time.	All	Biology	N/A	Ongoing	N/A	N/A	N/A

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60	BIO-9	d. Fence Inspections. Following installation of the desert tortoise exclusion fencing for both the permanent site fencing and temporary fencing in the utility corridors, the fencing shall be regularly inspected. If tortoise were moved out of harm's way during fence construction, permanent and temporary fencing shall be inspected at least two times a day for the first 7 days to ensure a recently moved tortoise has not been trapped within the fence. Thereafter, permanent fencing shall be inspected monthly and during and within 24 hours following all major rainfall events. A major rainfall event is defined as one for which flow is detectable within the fenced drainage. Any damage to the fencing shall be temporarily repaired immediately to keep tortoises out of the site, and permanently repaired within 48 hours of observing damage. Inspections of permanent site fencing shall occur for the life of the project. Temporary fencing shall be inspected weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. All temporary fencing shall be repaired immediately upon discovery and, if the fence may have permitted tortoise entry while damaged, the Designated Biologist shall inspect the area for tortoise.		Biology	Monthly	Ongoing	N/A	N/A	N/A
61		1. Desert Tortoise Exclusion Fence Installation. To avoid impacts to desert tortoises, permanent exclusion fencing shall be installed along the permanent perimeter security fence (boundaries) as phases are constructed. Temporary fencing shall be installed along any subset of the plant site phasing that does not correspond to permanent perimeter fencing. Temporary fencing shall be installed along linear features unless a Biological Monitor is present in the immediate vicinity of construction activities for the linear facility.	C, O	BLM/CEC	ROD/CEC Approval				
62		3. Monitoring Following Clearing. Following the desert tortoise clearance and removal from the power plant site and utility corridors, workers and heavy equipment shall be allowed to enter the project site to perform clearing, grubbing, leveling, and trenching activities. A Designated Biologist or Biological Monitor shall be onsite for clearing and grading activities to move tortoises missed during the initial tortoise clearance survey. Should a tortoise be discovered, it shall be relocated or translocated as described in the Desert Tortoise Relocation/Translocation Plan.	C, O	BLM/CEC	ROD/CEC Approval				
63	COM-1	Unrestricted Access. The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants have unrestricted access to the facility site, related facilities, project-related staff, and the records maintained on-site to facilitate audits, surveys, inspections, and general or closure-related site visits.	CO	BLM/CEC	ROD/CEC Approval	E&C			General
64	COM-10	Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes. The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1769, to modify the design, operation, or performance requirements of the project or linear facilities, or to transfer ownership or operational control of the facility.	CO	BLM/CEC	ROD/CEC Approval	Development or F	n/a		No Action Unless Event Occurs
65	COM-11	Reporting of Complaints, Notices, and Citations. Prior to the start of construction or decommissioning, the project owner shall send a letter to property owners within one (1) mile of the project, notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. If the telephone is not staffed twenty-four (24) hours per day, it shall include automatic answering with a date and time stamp recording.	DM	BLM/CEC	ROD/CEC Approval	PGD E&C	Decom		Action
66		The project owner shall respond to all recorded complaints within twenty-four (24) hours or the next business day. The project site shall post the telephone number on-site and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact information to the CPM who will post it on the Energy Commission's web page at http://www.energy.ca.gov/sitingcases/blythe_solar/. The project owner shall report any disruption to the contact system or telephone number change to the CPM promptly, to allow the CPM to update the Energy Commission's facility webpage accordingly.	CO	BLM/CEC		E&C	N/A		No Action Unless Event Occurs
67		In addition to including all complaints, notices, and citations included with the MCRs and ACRs, within ten (10) days of receipt, the project owner shall report, and provide copies to the CPM, of all complaints.	CO	BLM/CEC		E&C	N/A		Unless Event Occurs
68		Within one (1) hour, the project owner shall notify the CPM or Compliance Office Manager, by telephone and e-mail, of any incident at the power plant or appurtenant facilities that results or could result in any of the following: 1. reduction in the facility's ability to respond to dispatch (excluding forced outages caused by protective equipment or other typically encountered shutdown events); 2. health and safety impacts on the surrounding population; 3. property damage off-site; 4. response by off-site emergency response agencies; 5. serious on-site injury; 6. serious environmental damage; or 7. emergency reporting to any federal, state, or local agency. The notice shall describe the circumstances, status, and expected duration of the incident.	O	BLM/CEC	ROD/CEC Approval	PGD	n/a		No Action Unless Event Occurs

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69	COM-13	Within one (1) week of the incident, the project owner shall submit to the CPM a detailed incident report, which shall include, as appropriate, the following information: 1. a brief description of the incident, including its date, time, and location; 2. a description of the cause of the incident, or likely causes if it is still under investigation; 3. the location of any off-site impacts; 4. description of any resultant impacts; 5. a description of emergency response actions associated with the incident; 6. identification of responding agencies; 7. identification of emergency notifications made to other federal, state, and/or local agencies; 8. identification of any hazardous materials released and an estimate of the quantity released; 9. a description of any injuries, fatalities, or property damage that occurred as a result of the incident; 10. fines or violations assessed or being processed by other agencies; 11. name, phone number, and e-mail address of the appropriate facility contact person having knowledge of the event; and 12. corrective actions to prevent a recurrence of the incident.		BLM/CEC	ROD/CEC Approval	PGD	n/a		
70		The project owner shall maintain all incident report records for the life of the project, including closure. After the submittal of the initial report for any incident, the project owner shall submit to the CPM copies of incident reports within twenty-four (24) hours of a request		BLM/CEC	ROD/CEC Approval	PGD	n/a		
71	COM-14	Non-Operation. If the facility ceases operation temporarily, either planned or unplanned, for longer than one (1) week (or other CPM- approved date), but less than three (3) months (or other CPM- approved date), the project owner shall notify the CPM, interested agencies, and nearby property owners. Notice of planned non-operation shall be given at least two (2) weeks prior to the scheduled date. Notice of unplanned non-operation shall be provided no later than one (1) week after non-operation begins.	O	BLM/CEC	ROD/CEC Approval	PGD	n/a		No Action Unless Event Occurs
72		Written updates to the CPM for non-operational periods, until operation resumes, shall include: 1. progress relative to the schedule; 2. developments that delayed or advanced progress or that may delay or advance future progress; 3. any public, agency, or media comments or complaints; and 4. projected date for the resumption of operation. During non-operation, all applicable conditions of certification and reporting requirements remain in effect. If, after one (1) year from the date of the project owner's last report of productive Repair/Restoration Plan work, the facility does not resume operation or does not provide a plan to resume operation, the Executive Director may assign suspended status to the facility and recommend commencement of permanent closure activities.		BLM/CEC	ROD/CEC Approval	PGD	n/a		No Action Unless Event Occurs
73		1. If the facility has a closure plan, the project owner shall update it and submit it for Energy Commission review and approval. 2. If the facility does not have a closure plan, the project owner shall develop one consistent with the requirements in this Compliance Plan and submit it for Energy Commission review and approval.		BLM/CEC	ROD/CEC Approval	PGD	n/a		No Action Unless Event Occurs
74	COM-15	At least three (3) years prior to initiating a permanent facility closure, the project owner shall submit for Energy Commission review and approval, a Final Closure Plan and Cost Estimate, which includes any long-term, post-closure site maintenance and monitoring.	O	BLM/CEC	ROD/CEC Approval	PGD	2036?		Submittal
75		If an Energy Commission-approved Final Closure Plan and Cost Estimate is not implemented within one (1) year of its approval date, it shall be updated and re-submitted to the Commission for supplementary review and approval.		BLM/CEC			Need		No Action Unless Event Occurs
76		To assure satisfactory long-term site maintenance and adequate closure for "the whole of a project," the project owner shall submit a Provisional Closure Plan and Cost Estimate for CPM review and approval within sixty (60) days 1 Year after the start of commercial operation. The project owner shall include an updated Provisional Closure Plan and Cost Estimate in every fifth-year ACR for CPM review and approval.The Provisional Closure Plan and Cost Estimate shall consider applicable final closure plan requirements, including interim and long- term, post-closure site maintenance costs, and reflect: **** Key Event List Table: One (1) year after initiating commercial operation, the project owner must submit a Provisional Closure Plan and Cost Estimate for permanent closure. Three (3) years prior to closing, the project owner must submit a Final Closure Plan	O	Plans	Every 5 Years	Ongoing	1 yr after Units	N/A	N/A
77	COM-2	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.	CO	BLM/CEC	ROD/CEC Approval	E&C			General
78		Compliance Record. The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	All	Compliance	N/A	Ongoing	N/A	N/A	N/A

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79		Compliance Verification Submittals. Verification lead times associated with the start of construction or closure may require the project owner to file submittals during the AFC process, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM.	CO	BLM/CEC	ROD/CEC Approval	E&C			General
80	COM-3	All reports and plans required by the project's conditions of certification shall be submitted in a searchable electronic format (.pdf, MS Word or Excel, etc.) and include standard formatting elements such as a table of contents, identifying by title and page number, each section, table, graphic, exhibit, or addendum.	CO	Compliance Plans	N/A	Ongoing	N/A	N/A	N/A
81		A cover letter from the project owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters.		Compliance Plans	N/A	Ongoing	N/A	N/A	N/A
82		The project owner is responsible for the content and delivery of all verification submittals to the CPM, whether the actions required by the verification were satisfied by the project owner or an agent of the project owner. All submittals shall be accompanied by an electronic copy on an electronic storage medium, or by e-mail, as agreed upon by the CPM.		Compliance Plans	N/A	Ongoing	N/A	N/A	N/A
83	COM-6	During project pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR within ten (10) business days after the end of each reporting month, unless otherwise specified by the CPM. MCRs shall be clearly identified for the month being reported. The searchable electronic copy may be filed on an electronic storage medium or by e-mail, subject to CPM approval.	CO	BLM/CEC	ROD/CEC Approval	Dudek	Monthly		MCR
84	COM-7	Annual Compliance Reports. After construction is complete, the project owner shall submit searchable electronic ACRs instead of MCRs. ACRs shall be completed for each year of commercial operation, may be required for a specified period after decommissioning to monitor closure compliance, as specified by the CPM, and are due each year on a date agreed to by the CPM.	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek	ACR		Submittal
85	COM-8	Confidential Information. Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505 (a).	CO	BLM/CEC	ROD/CEC Approval	E&C	n/a		No Action Unless Event Occurs
86	COM-9	Annual Energy Facility Compliance Fee. Pursuant to the provisions of section 25806 (b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	CO	BLM/CEC	ROD/CEC Approval	Development	Annual		Annual
87		The project owner shall contribute to a special fund set up by the Energy Commission and/or BLM to finance the completion of the PTNCL Documentation and Possible NRHP Nomination program presented in the Blythe Solar Power Plant (BSPP) Revised Staff Assessment RSA). The amount of the contribution shall be $35 per acre that the project encloses or otherwise disturbs.	CO	BLM/CEC	ROD/CEC Approval				
88	CUL-1	If a project is not certified, or if a project owner does not build the project, or, if for some other reason deemed acceptable by the CPM, a project owner does not participate in funding the PTNCL documentation and possible NRHP nomination program, the other project owner(s) may consult with the CPM to adjust the scale of the PTNCL documentation and possible NRHP nomination program research activities to match available funding. A project owner that funds the PTNCL documentation and possible NRHP nomination program, and then withdraws, will be able to reclaim their monetary contribution, to be refunded on a prorated basis.	CO	BLM/CEC	ROD/CEC Approval				
89		No later than 10 days after receiving notice of the successful transfer of funds for any installment to the Energy Commission's and/or BLM's special PTNCL fund, the project owner shall submit a copy of the notice to the Energy Commission's Compliance Project Manager (CPM).	CO	BLM/CEC	ROD/CEC Approval				
90		Within 30 days after requesting a suspension of construction activities, the project owner shall submit a draft CRR to the CPM for review and approval.	CO	BLM/CEC	ROD/CEC Approval				
91	CUL-18	Within 180 days after completion of ground disturbance (including landscaping), the project owner shall submit the final CRR to the CPM for review and approval and to the BLM Palm Springs Field Office archaeologist for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification: of receipt shall be included in an appendix.	CO	BLM/CEC	ROD/CEC Approval		180		Submittal
92		Within 10 days after the CPM and the BLM Palm Springs Field Office archaeologist approve the CRR, the project owner shall provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	CO	BLM/CEC	ROD/CEC Approval		210		Submittal
93		The project owner shall contribute to a special fund set up by the Energy Commission and/or BLM to finance the completion of the Documentation and Possible NRHP Nomination program presented in the BSPP RSA. The amount of the contribution shall be $25 per acre that the project encloses or otherwise disturbs.	CO	BLM/CEC	ROD/CEC Approval				

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94	CUL-2	If a project is not certified, or if a project owner does not build the project, or, if for some other reason deemed acceptable by the CPM, a project owner does not participate in funding the DTCCL documentation and possible NRHP nomination program, the other project owner(s) may consult with the CPM to adjust the scale of the DTCCL documentation and possible NRHP nomination program research activities to match available funding. A project owner that funds the DTCCL documentation and possible NRHP nomination program, and then withdraws, will be able to reclaim their monetary contribution, to be refunded on a prorated basis.	CO	BLM/CEC	ROD/CEC Approval				
95		No later than 10 days after receiving notice of the successful transfer of funds for any installment to the Energy Commission's and/or BLM's special DTCCL fund, the project owner shall submit a copy of the notice to the CPM.	CO	BLM/CEC	ROD/CEC Approval				
96	CUL-6	4. No longer than 90 days after the end of all construction-related ground disturbance, the project owner shall ensure that the CRS completes the preparation of the National Register of Historic Places and the California Register of Historical Resources nominations for the PQAD and submits the nominations to the State Historic Resources Commission for formal consideration.	CO	BLM/CEC	ROD/CEC Approval				
97		5. No longer than 90 days after the end of all construction-related ground disturbance, the project owner shall ensure that the CRS completes the professional paper and provides the CPM with three copies of the final product of that effort, and prepares, and submits for the approval of the CPM, a public outreach product. Upon the CPM's approval of the latter product, the project owner shall ensure, as appropriate, the product's installation, implementation, or display.	CO	BLM/CEC	ROD/CEC Approval				
98		6. No longer than 90 days after the end of all construction-related ground disturbance, the project owner shall ensure that the CRS completes the requisite material analyses and prepares and submits, for the approval of the CPM, the final cultural resources report for the Blythe cultural resources data recovery and monitoring activities. The final report shall provide descriptions of the schedule and methods of the data recovery effort, technical descriptions of excavated archaeological features and buried land surfaces that present the highest resolution of technical data that can be derived from the data recovery field notes, plan and, as appropriate, profile drawings and photographs of excavated archaeological features and buried land surfaces, and technical descriptions and appropriate graphics of the stratigraphic contexts of excavated archaeological features and buried land surfaces.	CO	BLM/CEC	ROD/CEC Approval				
99	GEN-1	Once the certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	O	BLM/CEC	ROD/CEC Approval	PGD	n/a		Notification
100	HAZ-1	The project owner shall provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	C, O	BLM/CEC	ROD/CEC Approval		Annual		Annual
101		The project owner shall not use any hazardous materials not listed in Appendix A, below, or in greater quantities or strengths than those identified by chemical name in Appendix A, below, unless approved in advance by the Compliance Project Manager (CPM).	CO	Haz Material	N/A	Ongoing	N/A	N/A	N/A
102	HAZ-6	At least 30 days prior to the initial receipt of operations-related hazardous materials on site, the project owner shall notify the CPM that a site- specific operations site security plan is available for review and approval. In the annual compliance report, the project owner shall include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. In the annual compliance report, the project owner shall include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	O	BLM/CEC	ROD/CEC Approval	PGD	43951	42503	Notification
103		The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	CO	Safety	N/A	Ongoing	N/A	N/A	N/A
104	PAL-7	The project owner shall ensure preparation of a Paleontologic Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of the ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information and submit it to the CPM for review and approval.Within 90 days after completion of ground-disturbing activities, including landscaping, the project owner shall submit the PRR under confidential cover to the CPM.	CO	BLM/CEC	ROD/CEC Approval		90		Submittal

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105	SOIL & WATER 19	The project owner shall ensure that the solar panels, drainage washes that will have solar panels are designed and installed to accommodate storm water scour that may occur as a result of a 100-year, 24-hour storm event. The analysis of the storm event and resulting pylon stability shall be provided within a Pylon Insertion Depth and Solar Panel Stability Report to be completed by the project owner. This analysis shall incorporate results from site-specific geotechnical stability testing, as well as hydrologic and hydraulic storm water modeling performed by the project owner. The modeling shall be completed using methodology and assumptions approved by the CPM.	CO	BLM/CEC	ROD/CEC Approval	E&C?			
106		The project owner shall also develop a Storm Water Damage Monitoring and Response Plan to evaluate potential impacts from storm water, including damage to drainage washes, perimeter fencing, and solar panel supports that fail due to storm water flow or otherwise break and scatter panel debris or other potential pollutants on to the ground surface.	CO	BLM/CEC	ROD/CEC Approval	E&C, Dudek		42696	Action
107		The project owner shall retain a copy of SWDMRP plan onsite at all times. The project owner shall prepare an annual summary of the number of solar panels that fail due to damage, cause and extent of the damage, and cleanup and mitigation performed for each damaged solar panels. The annual summary shall also report on the effectiveness of the modified drainage washes against storms, including information on the damage and repair work or associated erosion control elements. The project owner shall submit proposed changes or revisions to the Storm Water Damage Monitoring and Response Plan to the CPM for review and approval.	O	BLM/CEC	ROD/CEC Approval	PGD	Annually		Submittal
108		The project owner shall reduce impacts caused by large storms by ensuring solar panels, drainage washes that will have solar panels, and perimeter fencing are designed to accommodate the 100-year storm event, establishing ongoing maintenance and inspection of storm water controls, and implementing a response plan to clean up damage and address ongoing issues.	CO	Water	N/A	Ongoing	N/A	N/A	N/A
109		Inspection, short-term incident response, and long-term design based response may include activities both inside and outside of the project boundaries. For activities outside of the project boundaries the owner shall ensure all appropriate environmental review and approval has been completed before field activities begin.		Water	N/A	Ongoing	N/A	N/A	N/A
110	SOIL & WATER-10	The project owner will prepare both a Provisional Closure Plan and a Final Closure Plan that will meet the requirements of the BLM. One (1) year after initiating commercial operation, the project owner must submit a Provisional Closure Plan and cost estimate for permanent closure to the CPM for review and approval.	O	Water	One Time	Ongoing	43037		
111		Three (3) years prior to closing, the owner must submit a Final Closure Plan to the CPM for review and approval. The project owner shall amend these documents as necessary, with approval from the CPM, should the facility closure scenario change in the future.	O DM	Water	N/A		52536		
112	SOIL & WATER-16	The project owner shall conduct a detailed analysis of the contribution of surface water to the PVMGB from the project's groundwater extraction activities at the end of the 30 year operational period.	O	BLM/CEC	ROD/CEC Approval	PGD	In 30 years		Action
113	SOIL & WATER-2	To mitigate the impact from project pumping, the project owner shall identify and implement offset measures to mitigate the increase in discharge from surface water to groundwater that affects recharge from the Palo Verde Valley Groundwater Basin (USGS) to the Palo Verde Mesa Groundwater Basin (USGS). The project owner shall implement SOIL&WATER-16 to evaluate the change in recharge over the life of the project including any latency effects from project pumping. The offset measures shall consider water conservation projects such as payment for irrigation improvements in Palo Verde Irrigation District, land fallowing, and/or BLM's Tamarisk Removal Program or other proposed mitigation activities acceptable to the CPM.	All	Water	N/A	Ongoing	N/A	N/A	N/A
114		The project owner shall ensure compliance with all county water well standards and County requirements for the life of the wells and shall provide the CPM with two copies each of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well	All	Water	N/A	Ongoing	N/A	N/A	N/A
115	SOIL & WATER-4	Prior to the use of groundwater for construction, the project owner shall install and maintain metering devices as part of the water supply and distribution system to document project water use and to monitor and record, in gallons per day, the total volume(s) of water supplied to the project from this water source. The metering devices shall be operational for the life of the project.	CO	BLM/CEC	ROD/CEC Approval				
116		The project owner shall prepare an annual summary, which shall include daily usage, monthly range and monthly average of daily water usage in gallons per day, and total water used on a monthly and annual basis in acre-feet. For years subsequent to the initial year of operation, the annual summary shall also include the yearly range and yearly average water use by source. For calculating the total water use, the term "year" will correspond to the date established for the annual compliance report submittal.	CO	BLM/CEC	ROD/CEC Approval		42766		
117		The proposed project's use of groundwater during construction shall not exceed 1,200 af during the 48 months of construction and an annual average of 40 afy during operation.	CO	Water	Annually	Ongoing	N/A	43565	N/A

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118		No later than March 31 of each year of construction or 60 days prior to project operation, the project owner shall provide to the CPM for review and approval, documentation showing that any mitigation to private well owners during project construction was satisfied, based on the requirements of the property owner as determined by the CPM.	CO	BLM/CEC	ROD/CEC Approval				
119	SOIL & WATER-5	During project operation, the project owner shall submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C above. Quarterly reports shall be submitted to the CPM 30 days following the end of the quarter. The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.	O	Water	Quarterly	Ongoing	N/A	43466	
120		The project owner shall submit to the CPM all calculations and assumptions made in development of report data and interpretations, calculations, and assumptions used in development of any reports.	CO	Water	N/A		N/A	N/A	
121		After the first five year operational and monitoring period, the project owner shall submit a five-year monitoring report to the CPM that includes all monitoring data collected and a summary of the findings. The CPM will determine if the water level measurements and water quality sampling frequencies should be revised or eliminated.	O	Water	One Time		44592	N/A	
122		If water levels have been lowered more than five feet below pre-site operational trends, and monitoring data provided by the project owner show these water level changes are different from background trends or other groundwater pumping and are caused by project pumping, then the project owner shall provide mitigation to the impacted well owner(s). The project owner shall notify any owners of the impacted wells within one month of the CPM approval of the compensation analysis for increased energy costs.	CO	BLM/CEC	ROD/CEC Approval				
123		If groundwater monitoring data indicate project pumping has lowered water levels below the top of the well screen, and the well yield is shown to have decreased by 10 percent or more of the pre- project average seasonal yield, compensation shall be provided for the diagnosis and maintenance to treat and remove encrustation from the well screen		BLM/CEC					
124		If mitigation includes monetary compensation, the project owner shall provide documentation to the CPM that compensation payments have been made by March 31 of each year of project operation. Within 30 days after compensation is paid, the project owner shall submit to the CPM a compliance report describing compensation for increased energy costs necessary to comply with the provisions of this Condition		BLM/CEC					
125	SOIL & WATER-5C	On a quarterly basis for the first year of operation and semi-annually thereafter for the following four years, collect water level measurements from any wells identified in the groundwater monitoring program to evaluate operational influence from the project. Quarterly operational parameters (i.e., pumping rate) of the water supply wells shall be monitored as access allows for those wells within the monitoring network. Wells outside the network and their influence on pumping within the network shall be evaluated on a quarterly basis to understand well interference from sources of pumping outside the Project area.	O	Water	Quarterly	Ongoing	N/A	43461	N/A
126		On an annual basis, perform statistical trend analysis for water levels data and comparison to predicted water level declines due to project pumping. Based on the results of the statistical trend analyses and comparison to predicted water level declines due to project pumping, the project owner shall determine the area where the project pumping has induced a drawdown in the water supply at a level of five feet or more below the baseline trend.	CO	Water	Annual	Ongoing	N/A	N/A	N/A
127		During the life of the project, the project owner shall provide to the CPM all monitoring reports, complaints, studies and other relevant data within 10 days of being received by the project owner.	CO	Water	N/A	Ongoing	N/A	N/A	N/A
128		The project owner shall submit to the CPM for review and approval, no later than 30 days after aproval of drawdown analysis, the documentation showing which well owners must be compensated for increased energy costs and that the proposed amount is sufficient compensation to comply with the provisions of this Condition.	CO	BLM/CEC	ROD/CEC Approval				
129	SOIL & WATER-6	Compensation provided on an annual basis shall be calculated prospectively for each year by estimating energy costs that will be incurred to provide the additional lift required as a result of the project. With the permission of the impacted well owner, the project owner shall provide energy meters for each well or well field affected by the project. The impacted well owner to receive compensation must provide documentation of energy consumption in the form of meter readings or other verification of fuel consumption. For each year after the first year of operation, the project owner shall include an adjustment for any deviations between projected and actual energy costs for the previous calendar year.	CO	Water	Annually	Ongoing	N/A	N/A	N/A

130		The project owner shall submit to the CPM all calculations, along with any letters signed by the well owners indicating agreement with the calculations, and the name and phone numbers of those well owners that do not agree with the calculations. Compensation payments shall be made by March 31 of each year of project operation. Within 30 days after compensation is paid, the project owner shall submit to the CPM a compliance report describing compensation for increased energy costs necessary to comply with the provisions of this Condition.		Water			420825		
131	SOIL & WATER-7	The project owner shall comply with the requirements specified in Appendices B, C, and D. These requirements relate to discharges, or potential discharges, of waste that could affect the quality of waters of the state, and were developed in consultation with staff of the State Water Resources Control Board and/or the applicable California Regional Water Quality Control Board (hereafter "Water Boards"). It is the Commission's intent that these requirements be enforceable by both the Commission and the Water Boards. In furtherance of that objective, the Commission hereby delegates the enforcement of these requirements, and associated monitoring, inspection and annual fee collection authority, to the Water Boards. Accordingly, the Commission and the Water Board shall confer with each other and coordinate, as needed, in the enforcement of the requirements. The project owner shall pay the annual waste discharge permit fee associated with this facility to the Water Boards. In addition, the Water Boards may "prescribe" these requirements as waste discharge requirements pursuant to Water Code Section 13263 solely for the purposes of enforcement, monitoring, inspection, and the assessment of annual fees, consistent with Public Resources Code Section 25531, subdivision (c)	CO	BLM/CEC	ROD/CEC Approval				
132		No later than 60 days prior to any wastewater or storm water discharge, the project owner shall provide documentation to the CPM, with copies to the CRBRWQCB, demonstrating compliance with the WDRs established in Appendices B, C, and D. Any changes to the design, construction, or operation of the evaporation basins or storm water system shall be requested in writing to the CPM, with copies to the CRBRWQCB, and approved by the CPM, in consultation with the CRBRWQCB, prior to initiation of any changes. The project owner shall provide to the CPM, with copies to the CRBRWQCB, all monitoring reports required by the WDRs, and fully explain any violations, exceedances, enforcement actions, or corrective actions related to construction or operation of the evaporation basins, or storm water system.	CO	BLM/CEC	ROD/CEC Approval		#REF!		
133	SOIL & WATER-8	The project owner shall comply with the requirements of the County of Riverside Ordinance Code Title 8, Chapter 8.124 and the California Plumbing Code (California Code of Regulations Title 24, Part 5) regarding sanitary waste disposal facilities such as septic systems and leach fields. The septic system and leach fields shall be designed, operated, and maintained in a manner that ensures no deleterious impact to groundwater or surface water. Compliance shall include an engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater. If it is determined based on the engineering report that groundwater may be impacted, the project owner shall include a groundwater quality monitoring program. This program can utilize monitoring wells (if appropriate) used as part of groundwater monitoring in Condition of Certification SOIL&WATER-7. The engineering report will specify the proposed groundwater monitoring program (if required), constituents of concern, monitoring frequency and other elements as needed as part of any groundwater monitoring program.	CO	BLM/CEC	ROD/CEC Approval				
134		The project owner shall submit all necessary information and the appropriate fee to the County of Riverside and the CRBRWQCB to ensure that the project has complied with county and state sanitary waste disposal facilities requirements. Written assessments prepared by the County of Riverside and the CRBRWQCB regarding the project's compliance with these requirements must be submitted to the CPM for review and approval 30 days prior to the start of power plant operation.	CO	BLM/CEC	ROD/CEC Approval		#REF!		
135	SOIL & WATER-9	The project owner shall file an annual "Notice of Extraction and Diversion of Water" with the SWRCB in accordance with Water Code Sections 4999 et. seq. The project Owner shall include a copy of the filing in the annual compliance report.	CO	BLM/CEC	ROD/CEC Approval		Annual		Annual
136		The project is subject to the requirement of Water Code Sections 4999 et. seq. for reporting of groundwater production in excess of 25 acre feet per year.	CO	Water	Annually	Ongoing	N/A	N/A	N/A
137	SURFACE IMPOUNDMENT	1. Estimated volume of solid/liquid in holding pond ft³ Monthly semiannual 2. Measurement of freeboard ft Monthly semiannual 3. Volume of solids removed and shipped to off site waste management facility tons Monthly semiannual	O	BLM/CEC	ROD/CEC Approval				N/A
138	TLSN-2	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	O	BLM/CEC	ROD/CEC Approval	PGD	Annually		Annually
139	TLSN-4	During the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way and provide such summaries in the Annual Compliance Report.	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek	Annually		Annually

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140	TLSN-4	The project owner shall ensure that the rights-of-way of the proposed transmission line are kept free of combustible material, as required under the provisions of section 4292 of the Public Resources Code and section 1250 of Title 14 of the California Code of Regulations.	O	Transmission	N/A	Ongoing	N/A	N/A	N/A
141	TLSN-5	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	CO	BLM/CEC	ROD/CEC Approval				
142	TRANS-10	: Within five business days of receiving a glare complaint, the project owner shall file with the City of Blythe Development Services Department, the Riverside County Planning Department, and the CPM a copy of the Glare	CO	BLM/CEC	ROD/CEC Approval				
143	TRANS-3	In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	CO	Transportation	N/A	Ongoing	N/A	N/A	N/A
144	TRANS-4	In the monthly compliance reports (MCRs), the project owner shall submit copies of permits received during the reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in	CO	Transportation	N/A	Ongoing	N/A	N/A	N/A
145	TSE-7	The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with: CPUC GO-95 or NESC; Title 8 CCR; Articles 35, 36, and 37 of the High Voltage Electric Safety Orders; applicable interconnection standards; NEC; and related industry standards. In caseof nonconformance, the project owner shall inform the CPM and CBO in writing within 10 days of discovering such nonconformance and describe the corrective actions to be taken.	CO	BLM/CEC	ROD/CEC Approval				
146		Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO: "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with CPUC GO- 95 or NESC; Title 8 CCR,; Articles 35, 36, and 37 of the High Voltage Electric Safety Orders; applicable interconnection standards; NEC; and related industry standards.	CO	BLM/CEC	ROD/CEC Approval				
147	VIS-3	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions including a proposal to resolve the complaint, and a schedule for implementation. The project owner shall notify the CPM within 48 hours after completing implementation of the proposal. A copy of the complaint resolution form report shall be submitted to the CPM within 30 days.	CO	BLM/CEC	ROD/CEC Approval				
148	VIS-4	To the extent possible, the project owner will use proper design fundamentals to reduce the visual contrast to the characteristic landscape. These include proper siting and location; reduction of visibility; repetition of form, line, color (see VIS-1) and texture of the landscape; and reduction of unnecessary disturbance. Design strategies to address these fundamentals will be based on the following factors:	CO	BLM/CEC	ROD/CEC Approval				
149	WASTE-10	The project owner shall ensure that all non-hazardous, non- recyclable, and non-reusable construction and operation waste is not diverted to Desert Center Landfill or Mecca II Landfill.	All	Waste	N/A	Ongoing	N/A	N/A	N/A
150	WASTE-5	The project owner shall obtain a hazardous waste generator identification number from the United States Environmental Protection Agency (USEPA) prior to generating any hazardous waste during project construction and operations.	CO	Waste	One Time N/A	Ongoing	N/A	N/A	N/A
151		The project owner shall keep a copy of the identification number on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM in the next scheduled Monthly Compliance Report after receipt of the number. Submittal of the notification and issued number documentation to the CPM is only needed once unless there is a change in ownership, operation, waste generation, or waste characteristics that requires a new notification to USEPA. Documentation of any new or revised hazardous waste generation notifications or changes in identification number shall be provided to the CPM in the next scheduled compliance report.	CO	Waste	N/A	Ongoing	N/A	N/A	N/A
152	WASTE-7	The project owner shall also document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year, provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan, and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	O	BLM/CEC	ROD/CEC Approval	PGD, Dudek	Annually		Annually
153	WASTE-9	The project owner shall ensure that all accidental spills or unauthorized releases of hazardous substances, hazardous materials, and hazardous waste are documented and remediated, and that wastes generated from accidental spills and unauthorized releases are properly managed and disposed of in accordance with all applicable federal, state, and local requirements. For the purpose of this Condition of Certification, "release" shall have the definition in Title 40 of the Code of Federal Regulations, Part 302.3.	All	Waste	N/A	Ongoing	N/A	N/A	N/A

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154		The project owner shall document management of all accidental spills and unauthorized releases of hazardous substances, hazardous materials, and hazardous wastes that occur on the project property or related linear facilities.		Waste					
155	WORKERS SAFETY-10	The project owner shall report to the CPM within 24 hours of any incidence of heat illness (heat stress, exhaustion, stroke, or prostration) occurring in any worker on-site and shall report to the CPM the incidence of any confirmed case of Valley Fever in any worker on the site within 24 hours of receipt of medical diagnosis.	C, O	BLM/CEC	ROD/CEC Approval				
156		The project owner shall provide reports of heat-related and Valley Fever incidences in any worker on the site via telephone call or e-mail to the CPM within 24 hours of a heat-related occurrence or confirmed diagnosis of a case of Valley Fever, and shall include such reports in the Monthly Compliance Report during construction and the Annual Compliance Report during operation.		BLM/CEC					
157	WORKERS SAFETY-5	The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during construction and operations and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times.	CO	Safety	N/A	Ongoing	N/A	N/A	N/A
158	WORKERS SAFETY-9	During operation, the project owner shall provide proof in the Annual Compliance Report that the required inspection fees have been paid to the fire department.	O	BLM/CEC	ROD/CEC Approval	PGD	42766		Action

Appendix B

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Blythe Solar, LLC**
Facility Name **Blythe Solar, LLC**
4000 Dracker Dr, Blythe 92225

Chemical Location **Solar Field**

CERS ID **10728847**
Facility ID **FA0044445**
Status **Submitted** on 2/16/2022 11:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Mineral Oil** CAS No 8042-47-5	**Gallons** State Liquid Type Mixture	**11172** Storage Container Other Days on Site: 365	**798**	11172 Pressue Ambient Temperature Ambient	0 Waste Code	- Physical Flammable				
DOT: 9 - Misc. Hazardous Materials	**Ethylene Glycol - (Antifrogen Inverter Coolant)** CAS No 107-21-1	**Gallons** State Liquid Type Mixture	**7236** Storage Container Other Days on Site: 365	**30**	7236 Pressue Ambient Temperature Ambient	Waste Code	- Health Carcinogenicity - Health Acute Toxicity - Health Serious Eye Damage Eye Irritation				
Combustible Liquid, Class III-B	**FR3 / Vegetable Oil** CAS No 8001-22-7	**Gallons** State Liquid Type Mixture	**89920** Storage Container Other Days on Site: 365	**740**	89920 Pressue Ambient Temperature Ambient	0 Waste Code	- Physical Flammable	Vegetable Oil	99 %		8001-22-7
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**Lead Acid Batteries** CAS No	**Gallons** State Liquid Type Mixture	**3.4** Storage Container Other Days on Site: 365	**0.1**	3.2 Pressue Ambient Temperature Ambient	Waste Code 792	- Physical Flammable - Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	40 %	✓	7664-93-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Blythe Solar, LLC**
Facility Name **Blythe Solar, LLC**
4000 Dracker Dr, Blythe 92225

Chemical Location **Substation**

CERS ID **10728847**
Facility ID **FA0044445**
Status **Submitted** on 2/16/2022 11:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Mineral Oil** CAS No 8042-47-5	**Gallons** State Liquid Type Mixture	**42548** Storage Container Other Days on Site: 365	**11350**	42548 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable				
DOT: 2.2 - Nonflammable Gases	**Sulfur Hexafluoride - SF6** CAS No 2551-62-4	**Pounds** State Gas Type Pure	**827** Storage Container Other Days on Site: 365	**127**	827 Pressue > Ambient Temperature Ambient	0 Waste Code	- Physical Gas Under Pressure				
Combustible Liquid, Class III-B	**FR3 / Vegetable Oil** CAS No 8001-22-7	**Gallons** State Liquid Type Mixture	**740** Storage Container Other Days on Site: 365	**740**	740 Pressue Ambient Temperature Ambient	0 Waste Code	- Physical Flammable				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**Lead Acid Batteries** CAS No	**Gallons** State Liquid Type Mixture	**156** Storage Container Other Days on Site: 365	**0.32**	156 Pressue Ambient Temperature Ambient	Waste Code 792	- Physical Flammable - Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	40 %	✓	7664-93-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Blythe Solar, LLC**
Facility Name **Blythe Solar, LLC**
4000 Dracker Dr, Blythe 92225

Chemical Location **Substation Area**

CERS ID **10728847**
Facility ID **FA0044445**
Status **Submitted** on 2/16/2022 11:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 9 - Misc. Hazardous Materials	**Lithium Ion Battery**	**Pounds**	**14730144**	**264**	14730144			Cobalt lithium manganese nickel oxide	40 %		182442-95-1
	CAS No	State: Solid	Storage Container: Other		Pressue: Ambient	Waste Code		Graphite	25 %		7782-42-5
		Type: Mixture			Temperature			1-methyl-2-pyrrolidone	20 %		872-50-4
								Copper	10 %		7440-50-8
								Aluminium	5 %		7429-90-5

Appendix C

[SUMMARY OF FINAL SUBMITTED VERSION]

ANNUAL NOTICE OF GROUNDWATER EXTRACTION AND DIVERSION FOR REPORTING PERIOD

Primary Owner: CHARLYN MOSLEY
Recordation Number: G334539
Date Submitted: 2022-02-15

Reporting to a Local Agency	
Local Agency	Submitter does not report to a local agency.

Type(s) of Diversion	
Surface Diversion	None

Amount of Groundwater Extracted During Calendar Year	
Amount Extracted	0 Acre-Feet

Amount of Surface Water Diverted or Used
Not applicable; Surface Diversion was not chosen as a type of diversion.

Maximum Rate of Surface Water Diversion
Not applicable; Surface Diversion was not chosen as a type of diversion.

Method of Measurement	
Method of Measurement	

Type(s) of Use
No types selected.

Special Use Categories	
Are you using any water diverted under this right for the cultivation of cannabis?	

Supplemental Information	
Supplemental Information	Water Right is for Blythe well BSPP Well-2

Attachments		
File Name	**Description**	**Size**
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Arlin
Last Name	Brewster
Relation to Water Right	Agent
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Information on Certification and Signatory	
Name of Person Signing and Certifying the Report	Arlin Brewster
Date of Signature	02/15/2022

[SUMMARY OF FINAL SUBMITTED VERSION]

ANNUAL NOTICE OF GROUNDWATER EXTRACTION AND DIVERSION FOR REPORTING PERIOD

Primary Owner: CHARLYN MOSLEY
Recordation Number: G334540
Date Submitted: 2022-02-15

Reporting to a Local Agency	
Local Agency	Submitter does not report to a local agency.

Type(s) of Diversion	
Surface Diversion	None

Amount of Groundwater Extracted During Calendar Year	
Amount Extracted	17.1620 Acre-Feet

Amount of Surface Water Diverted or Used
Not applicable; Surface Diversion was not chosen as a type of diversion.

Maximum Rate of Surface Water Diversion
Not applicable; Surface Diversion was not chosen as a type of diversion.

Method of Measurement	
Method of Measurement	Water Meter

Type(s) of Use	
Other	Construction Water Supply

Special Use Categories	
Are you using any water diverted under this right for the cultivation of cannabis?	No

Supplemental Information	
Supplemental Information	Water Right is for Blythe well BSPP Well-3

Attachments		
File Name	**Description**	**Size**
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Arlin
Last Name	Brewster
Relation to Water Right	Agent
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Information on Certification and Signatory	
Name of Person Signing and Certifying the Report	Arlin Brewster
Date of Signature	02/15/2022