

**DOCKETED**

<b>Docket Number:</b>	09-AFC-08C
<b>Project Title:</b>	Genesis Solar Energy Project
<b>TN #:</b>	237043
<b>Document Title:</b>	Genesis Solar 2020 Annual Compliance Report
<b>Description:</b>	N/A
<b>Filer:</b>	Glen T King
<b>Organization:</b>	NextEra Energy
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	3/8/2021 5:08:05 PM
<b>Docketed Date:</b>	3/9/2021



March 8, 2021

Eric Veerkamp, Compliance Project Manager  
California Energy Commission  
15169<sup>th</sup> Street  
Sacramento, CA 95814

**RE: Genesis Solar Energy Center DOCKET NUMBER 09-AFC-8  
Annual Compliance Report for Reporting Year 2020**

Dear Mr. Veerkamp,

Pursuant to condition Compliance-7 of the Commission Decision for the Genesis Solar Energy Project, enclosed please find the Annual Compliance Report for the reporting year 2020

Please call me if you have any questions at (661) 202-5837.

Sincerely,

A handwritten signature in black ink, appearing to read "Glen T. King".

Glen T. King  
Sr. PGD Environmental Specialist

GENESIS SOLAR ENERGY CENTER

**California Energy Commission Docket #09-AFC-8  
Annual Report for Reporting Year 2020**

**Current Operating Status and Significant Changes to Facility Operations**

The Genesis Solar, LLC facility experienced no operational outages or interruptions in service or any significant operational changes during the reporting year.

**Modifications and Testing**

During the stated period, the plant completed required testing for emissions compliance. All results were submitted to the MDAQMD and the California Energy Commission Compliance Manager.

**Environmental Health and Safety**

Genesis Solar, LLC was injury free in 2020. There were 92,824 total man hours worked in 2020.

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# Section 1

## **AQ-3 Aux Boilers Emissions Testing**

Summaries of the Auxiliary Boilers emissions test results are presented below:

**TABLE 1-1  
RESULTS SUMMARY**

<b>Parameter/Units</b>	<b>Aux Boiler No. 1</b>	<b>Limit</b>
<b>NO<sub>x</sub></b>		
lb/hr	0.069	0.330
ppm @ 3% O <sub>2</sub>	3.0	(9) <sup>(1)</sup>
<b>CO</b>		
lb/hr	0.0 <sup>(2)</sup>	0.563
ppm @ 3% O <sub>2</sub>	0.0 <sup>(2)</sup>	(50) <sup>(1)</sup>
<b>Particulate Matter, lb/hr</b>	0.014	0.150
<b>SO<sub>x</sub>, lb/hr</b>	0.002	0.008
<b>VOCs, lb/hr</b>	0.014	0.088
<b>Opacity, %</b>	0%	20%

(1) basis of lb/hr limit

(2) test result below limits of quantitation for test method



**TABLE 1-1  
RESULTS SUMMARY**

Parameter/Units	Aux Boiler No. 2	Limit
<b>NO<sub>x</sub></b>		
lb/hr	0.076	0.330
ppm @ 3% O <sub>2</sub>	3.1	(9) <sup>(1)</sup>
<b>CO</b>		
lb/hr	0.0 <sup>(2)</sup>	0.563
ppm @ 3% O <sub>2</sub>	0.0 <sup>(2)</sup>	(50) <sup>(1)</sup>
<b>Particulate Matter, lb/hr</b>	0.008	0.150
<b>SO<sub>x</sub>, lb/hr</b>	0.002	0.008
<b>VOCs, lb/hr</b>	0.015	0.088
<b>Opacity, %</b>	0%	20%

(1) basis of lb/hr limit

(2) test result below limits of quantitation for test method

# Section 2

## AQ-5 Aux Boilers Hours of Use

Daily operational hours for each Auxiliary Boiler are maintained at the facility. The table below summarizes the monthly hours for 2020.

Auxiliary Boiler		Unit 1	Unit 2
Year	Month	Hours	Hours
2020	1	14.20	17.24
	2	2.32	1.36
	3	49.72	51.81
	4	6.94	9.07
	5	0.00	0.00
	6	0.00	0.00
	7	0.00	0.00
	8	0.13	1.28
	9	0.00	0.00
	10	0.00	0.00
	11	0.00	1.66
	12	10.03	0.00
<b>YR TOTAL</b>		83.34	82.42





# Section 3

## AQ-10 HTF Ullage Vessels' Carbon Absorption System

The facility maintains a log of the carbon absorption system VOC monitoring test results on site. Annual Emissions Compliance Testing was performed in 2020 and the results are summarized below.

### Unit 1

**TABLE 4-1  
NORTH VENT VOC RESULTS**

Run	Total Non-methane/ethane Hydrocarbons, ppm as Methane	Stack Flow, dscfm (average of Pre- & Post-)	Total Non-Methane/Ethane Hydrocarbons, lb/hr as Methane	Hours/day	Total Non-Methane/Ethane Hydrocarbons, lb/day as Methane
1-Summa-1-N	3.90	1,255.1	0.01220	24.0	0.29
2-Summa-1-N	2.80	1,248.1	0.00871	24.0	0.21
3-Summa-1-N	1.80	1,248.7	0.00560	24.0	0.13
Average	2.83	1,250.6	0.00883	24.0	0.21
				Limit	1.5

**TABLE 4-2  
SOUTH VENT VOC RESULTS**

Run	Total Non-methane/ethane Hydrocarbons, ppm as Methane	Stack Flow, dscfm (average of Pre- & Post-)	Total Non-Methane/Ethane Hydrocarbons, lb/hr as Methane	Hours/day	Total Non-Methane/Ethane Hydrocarbons, lb/day as Methane
1-Summa-1-S	1.30	1,342.0	0.00435	24.0	0.10
2-Summa-1-S	1.80	1,333.3	0.00598	24.0	0.14
3-Summa-1-S	1.80	1,332.5	0.00598	24.0	0.14
Average	1.63	1,335.9	0.00543	24.0	0.13
				Limit	1.5

**TABLE 4-3  
NORTH VENT BENZENE RESULTS**

Run	Lab Result or Sample Reporting Limit, ppbv	Reported Result (or Sample Reporting Limit if below SRL), ppbv	Stack Flow, dscfm (average of Pre- & Post-)	lb/hr	Hours/day	Benzene, lb/day
1-Summa-1-N	1.03	17.20	1,255.1	0.00026	24.0	0.00629
2-Summa-1-N	0.99	27.90	1,248.1	0.00042	24.0	0.01015
3-Summa-1-N	1.09	6.01	1,248.7	0.00009	24.0	0.00219
Average			1,250.6		24.0	0.00621
					Limit	0.6

**TABLE 4-4  
SOUTH VENT BENZENE RESULTS**

Run	Lab Result or Sample Reporting Limit, ppbv	Reported Result (or Sample Reporting Limit if below SRL), ppbv	Stack Flow, dscfm (average of Pre- & Post-)	lb/hr	Hours/day	Benzene, lb/day
1-Summa-1-S	1.01	<1.01	1,342.0	<0.00002	24.0	<0.00040
2-Summa-1-S	1.06	<1.06	1,333.3	<0.00002	24.0	<0.00041
3-Summa-1-S	1.00	<1.00	1,332.5	<0.00002	24.0	<0.00039
Average			1,335.9		24.0	<0.00040
					Limit	0.6

## Unit 2

TABLE 4-1  
NORTH VENT VOC RESULTS

Run	Total Non-Methane/ Ethane Hydrocarbons, ppm as Methane	Stack Flow, dscfm (average of Pre- & Post-)	Total Non-Methane/ Ethane Hydrocarbons, lb/hr as Methane	Hours/day	Total Non-Methane/ Ethane Hydrocarbons, lb/day as Methane
1-Summa-2-N	1.70	1,369.3	0.00580	24.0	0.14
2-Summa-2-N	1.90	1,339.4	0.00634	24.0	0.15
3-Summa-2-N	2.90	1,343.4	0.00971	24.0	0.23
Average	2.17	1,350.7	0.00728	24.0	0.17
				Limit	1.5

TABLE 4-2  
SOUTH VENT VOC RESULTS

Run	Total Non-Methane/ Ethane Hydrocarbons, ppm as Methane	Stack Flow, dscfm (average of Pre- & Post-)	Total Non-Methane/ Ethane Hydrocarbons, lb/hr as Methane	Hours/day	Total Non-Methane/ Ethane Hydrocarbons, lb/day as Methane
1-Summa-2-S	<0.90	1,522.1	<0.00341	24.0	<0.08
2-Summa-2-S	<0.80	1,502.3	<0.00299	24.0	<0.07
3-Summa-2-S	<0.90	1,501.9	<0.00337	24.0	<0.08
Average	<0.87	1,508.8	<0.00326	24.0	<0.08
				Limit	1.5

**TABLE 4-3  
NORTH VENT BENZENE RESULTS**

Run	Lab Result or Sample Reporting Limit, ppbv	Reported Result (or Sample Reporting Limit if below SRL), ppbv	Stack Flow, dscfm (average of Pre- & Post-)	lb/hr	Hours/day	Benzene, lb/day
1-Summa-2-N	0.88	0.95	1,369.3	0.00002	24.0	0.00038
2-Summa-2-N	1.00	1.27	1,339.4	0.00002	24.0	0.00050
3-Summa-2-N	1.04	1.33	1,343.4	0.00002	24.0	0.00052
Average			1,350.7		24.0	0.00047
					Limit	0.6

**TABLE 4-4  
SOUTH VENT BENZENE RESULTS**

Run	Lab Result or Sample Reporting Limit, ppbv	Reported Result (or Sample Reporting Limit if below SRL), ppbv	Stack Flow, dscfm (average of Pre- & Post-)	lb/hr	Hours/day	Benzene, lb/day
1-Summa-2-S	0.89	1.13	1,522.1	0.00002	24.0	0.00050
2-Summa-2-S	0.83	1.66	1,502.3	0.00003	24.0	0.00073
3-Summa-2-S	0.89	0.91	1,501.9	0.00002	24.0	0.00040
Average			1,508.8		24.0	0.00054
					Limit	0.6

# Section 4

## AQ-12 HTF Ullage/Expansion Tanks

During 2020 no used HTF was removed from the system and no new HTF was added to the system.

Note that HTF recovered from minor leaks and spills is not included in this reporting.



# Section 5

## AQ-15, AQ-16 HTF Ullage/Expansion Tanks

2020 test results for each unit.

### UNIT 1 ULLAGE VENT TEST RESULTS:

**TABLE 1-1  
RESULTS SUMMARY  
MARCH 9, 2020**

<b>Parameter/Units</b>	<b>North Vent</b>	<b>South Vent</b>	<b>Limit</b>
Total Non-Methane/Ethane Hydrocarbons, lb/day as Methane	0.21	0.13	1.5
Benzene, lb/day	0.00621	<0.00040	0.6

### UNIT 2 ULLAGE VENT TEST RESULTS:

**TABLE 1-1  
RESULTS SUMMARY  
MARCH 16 AND APRIL 14, 2020**

<b>Parameter/Units</b>	<b>North Vent</b>	<b>South Vent</b>	<b>Limit</b>
Total Non-Methane/Ethane Hydrocarbons, lb/day as Methane	0.17	< 0.08	1.5
Benzene, lb/day	0.00047	0.00054	0.6



# Section 6

## AQ-20 Cooling Towers

### Unit 1

#### Genesis Solar PM10 Data

Date	Cooling Tower TDS (ppmw)	Cooling Tower Flow (gpm)	Cooling Tower Flow Rate (klbm/hr)	Cooling Tower PM10 (lbm/hr)
01/03/20	506	3359	1681	0.004
01/10/20	510	3356	1679	0.004
01/17/20	508	3354	1678	0.004
01/24/20	499	3347	1675	0.004
01/31/20	317	3324	1663	0.003
02/07/20	488	3326	1664	0.004
02/14/20	514	3311	1657	0.004
02/21/20	499	3296	1649	0.004
02/28/20	495	3298	1650	0.004
03/06/20	504	3325	1664	0.004
03/13/20	482	3321	1662	0.004
03/20/20	483	3302	1652	0.004
03/27/20	510	3292	1647	0.004
04/03/20	505	3302	1652	0.004
04/10/20	490	3312	1658	0.004
04/17/20	512	3313	1658	0.004
04/24/20	486	3316	1660	0.004
05/01/20	496	3300	1651	0.004
05/08/20	498	3283	1643	0.004
05/15/20	511	3277	1640	0.004
05/22/20	508	3273	1638	0.004
05/29/20	508	3265	1634	0.004
06/05/20	501	3277	1640	0.004
06/12/20	498	3277	1640	0.004
06/19/20	499	3272	1637	0.004
06/26/20	505	3265	1634	0.004
07/03/20	506	3260	1631	0.004
07/10/20	344	3260	1632	0.003
07/17/20	331	3258	1630	0.003
07/24/20	479	3263	1633	0.004
07/31/20	508	3255	1629	0.004
08/07/20	550	3253	1628	0.004
08/14/20	547	3256	1629	0.004
08/21/20	607	3255	1629	0.005
08/28/20	583	3258	1630	0.005
09/04/20	519	3265	1634	0.004
09/11/20	521	3279	1641	0.004

09/18/20	496	3287	1645	0.004
09/25/20	525	3281	1642	0.004
10/02/20	528	3285	1644	0.004
10/09/20	536	3272	1637	0.004
10/16/20	529	3275	1639	0.004
10/23/20	512	3280	1641	0.004
10/30/20	512	3288	1645	0.004
11/06/20	505	3279	1641	0.004
11/13/20	511	3305	1654	0.004
11/20/20	510	3299	1651	0.004
11/27/20	518	3298	1650	0.004
12/04/20	515	3181	1592	0.004
12/11/20	374	2675	1339	0.003
12/18/20	375	2669	1336	0.003
12/25/20	462	2873	1438	0.003

## **Unit 2**

### **Genesis Solar PM10 Data**

Date	Cooling Tower TDS (ppmw)	Cooling Tower Flow (gpm)	Cooling Tower Flow Rate (klbm/hr)	Cooling Tower PM10 (lbm/hr)
01/03/20	473	3202	1602	0.004
01/10/20	464	3204	1603	0.004
01/17/20	333	3220	1611	0.003
01/24/20	401	3243	1623	0.003
01/31/20	477	3215	1609	0.004
02/07/20	482	3246	1624	0.004
02/14/20	468	3247	1625	0.004
02/21/20	541	3243	1623	0.004
02/28/20	480	3240	1621	0.004
03/06/20	476	3255	1629	0.004
03/13/20	466	3252	1627	0.004
03/20/20	470	3241	1622	0.004
03/27/20	485	3250	1626	0.004
04/03/20	465	3239	1621	0.004
04/10/20	469	3248	1625	0.004
04/17/20	466	3241	1622	0.004
04/24/20	462	3263	1633	0.004
05/01/20	469	3238	1620	0.004
05/08/20	476	3224	1613	0.004
05/15/20	479	3218	1611	0.004
05/22/20	464	3208	1605	0.004
05/29/20	492	3198	1601	0.004
06/05/20	491	3201	1602	0.004
06/12/20	493	3200	1601	0.004
06/19/20	478	3197	1600	0.004



06/26/20	480	3187	1595	0.004
07/03/20	472	3176	1589	0.004
07/10/20	473	3177	1590	0.004
07/17/20	490	3178	1590	0.004
07/24/20	491	3186	1594	0.004
07/31/20	490	3184	1593	0.004
08/07/20	557	3177	1590	0.004
08/14/20	563	3180	1591	0.004
08/21/20	649	3203	1603	0.005
08/28/20	591	3207	1605	0.005
09/04/20	521	3202	1602	0.004
09/11/20	562	3193	1598	0.004
09/18/20	526	3204	1603	0.004
09/25/20	514	3202	1602	0.004
10/02/20	521	3210	1606	0.004
10/09/20	519	3218	1610	0.004
10/16/20	517	3220	1611	0.004
10/23/20	509	3219	1611	0.004
10/30/20	502	3224	1613	0.004
11/06/20	493	3221	1612	0.004
11/13/20	503	3227	1615	0.004
11/20/20	498	3225	1614	0.004
11/27/20	492	3220	1611	0.004
12/04/20	311	2500	1251	0.002
12/11/20	193	1543	772	0.001
12/18/20	161	1537	769	0.001
12/25/20	191	1193	597	0.001



# Section 7

## AQ-30 Emergency Diesel Generators

Fuel Sulfur concentration from supplier's certificate of sulfur content maintained on file at the facility. Operations log maintained at the facility.

Unit 1 Emergency Diesel Generator operated a total of 113.5 hours in 2020.



Unit 2 Emergency Diesel Generator operated a total of 113.7 hours in 2020



# Section 8

## AQ-39 Emergency Diesel Fire Pump

Fuel Sulfur concentration from supplier's certificate of sulfur content maintained on file at the facility. Operations log maintained at the facility.  
Facility Emergency Diesel Fire Pump operated a total of 19.8 hours in 2020.



# Section 9

## AQ-50 Gasoline Storage Tank

2020 Gasoline Throughput Records.

**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**  
**BRAD POIRIEZ, EXECUTIVE DIRECTOR**  
 14306 Park Avenue, Victorville, CA 92392-2310  
 760.245.1661 • Fax 760.245.2022  
[www.MDAQMD.ca.gov](http://www.MDAQMD.ca.gov) • @MDAQMD



### Throughput Fuel Dispensing Equipment

Failure to respond by **3/01/2021** will result in enforcement action.

Emission year: **2020**

Fill out all sections below and return to  
 Mojave Desert Air Quality Management District  
 at the address listed at the top of this document,  
 or email completed form to [onesim@mdaqmd.ca.gov](mailto:onesim@mdaqmd.ca.gov)

STATION NAME: <b>Genesis Solar, LLC</b>	COMPANY NUMBER: <b>1884</b>	FACILITY NUMBER: <b>3137</b>	DISTRICT PERMIT NUMBER: <b>N011068</b>
STATION ADDRESS: <b>11995 Wiley Wells Road</b>	CITY: <b>Blythe</b>	STATE: <b>CA</b>	ZIP: <b>92225</b>
TELEPHONE NUMBER: <b>(661) 202-5837</b>	EMAIL ADDRESS: <b>glen.king@nee.com</b>		

TYPE OF FUEL DISPENSED:	TOTAL GALLONS DISPENSED:
<input checked="" type="checkbox"/> Gasoline	12766
<input type="checkbox"/> Diesel fuel	17553
<input type="checkbox"/> Propane	
<input type="checkbox"/> Aviation gas	
<input type="checkbox"/> Ethanol	
<input type="checkbox"/> Racing fuel	


**CERTIFICATION**

I, Glen T. King, a responsible official of  
NAME OF OFFICIAL

Genesis Solar, LLC, hereby certify, based upon information and  
NAME OF FACILITY

belief formed after reasonable inquiry, that the above information is true, accurate and  
 complete. Executed this 2nd day of February, 2021 at  
DAY MONTH YEAR

San Bernardino California  
COUNTY AND STATE

 Digitally signed by Glen T. King  
 DN: cn=Glen T. King, o=MDAQMD, email=glen.king@mdaqmd.ca.gov, c=US  
 Date: 2021.02.02 10:53:20 -0800

Glen T. King Env. Spec.  
NAME AND TITLE

**For questions or assistance, call 760.245.1661, ext. 4006**

# Section 10

## AQ-SC-6 (Vehicle and Equipment Fleet)

### Genesis Vehicle and Equipment List

Quantity	Description	Detailed Description	Manufacturer's VIN/SERIAL NUMBER	Plant VIN
1	Chevrolet CK 15743 Silverado 15	GM Vehicle	3GCUKNEC2GG351350	PGM
1	2013 Ford F-150 4WD SuperCrew 145" XL (W1E)	PM Vehicle	1FTFW1EF4DKF10955	PM
1	2013 Ford F-150 2WD SuperCrew 145" XL (W1C)	Admin	1FTEW1CM6DKF10954	VAD-1
3	2013 Ford F-150 2WD Reg Cab 126" XL (F1C)	PA / Ops Spec / Maint Spec / Env	1FTMF1CMXDKF05400 1FTMF1CM1DKF05401 1FTMF1CM7DKF05404	VPL-1 VPL-2 VPL-3
4	2013 Ford F-150 2WD Reg Cab 126" XL (F1C)	Production Team - Power Block	1FTMF1CM3DKF05402 1FTMF1CM3DKF05397 1FTMF1CM5DKF05398	VPB-2 VPB-3 VPB-4
3	2013 Ford F-150 2WD Reg Cab 126" XL (F1C)	Production team - Solar Field Patrol & Maintenance	1FTMF1CM5DKF05403 1FTMF1CM9DKF05405 1FTMF1CM1DKF05396	VSF-1 VSF-2 VSF-3
1	2013 Ford super Duty F-350 DRW 2WD Reg Cab 141" WB 60" CA XL (F3G) w/Compressor	Production Team Equipment Service		VSRV-1
3	2013 Ford Super Duty F-250 SRW 2WD Reg Cab 137" XL (F2A)	Production Team - Plant Maintenance	1FDBF2A66DEB58109 1FDBF2A66DEB58107	VSRV-2 VSRV-3 VSRV-4
2	2013 Ford super Duty F-350 DRW 2WD Reg Cab 141" WB 60" CA XL (F3G) w/Welder	Production Team - Plant Welding & Maintenance		VW-1 VW-2
1	2013 Ford Super Duty F-450 DRW 2WD Reg Cab 165" WB 84" CA XL (F4G)	Service Truck		VSRV-5
2	2013 CT660S SBA 6x4 (CF7AA) 4500 Gallon Water Deluge Trucks	Deluge Truck		MWT-1 MWT-2
2	HTF Evacuation Trucks		2NP2HJ7X8EM224954	ET-1
1	Backhoe Caterpillar 420F Extendable Boom Four Wheel Drive	Underground repair		
1	CAT Model: 259B3 Compact Track Loader	Grade repair		

## Section 11

### **BIO-2 Designated Biologists Duties**

The Designated Biologists are on an on-call basis. CEC approved Designated Biologists are Matthew Martin and Amy Anderson.

## Section 12

### **BIO-4**

Continued Designated Biologists duties ceased as approved by the CPM. On call status of the Designated Biologists remains effective.

## Section 13

### **BIO-6 Worker Environmental Awareness Program (WEAP)**

Signed orientation/WEAP training are maintained on site for all permanent employees and all personnel working within the Project area.

## Section 14

### **BIO-13 Raven Management**

Site personnel performed monthly Raven observations throughout the year and typically observed no more than two ravens during any observation with none observed 33% of the time. Raven control and management goals were met for the year and current mitigation measures will continue for 2021.

## Section 15

### **BIO-14 Weed Management Plan**



## Section 16

### **BIO-15 Pre-Construction Nest Surveys**

No construction activities occurred during the period of February 1 through July 31.

## Section 17

### **BIO-16 Avian Protection Plan**

BBCS monitoring is now complete. Reporting through the USFWS Special Purpose Utility Permit (SPUT) Permit continues as avian mortalities are found incidentally. Avian mortalities are entered into the USFWS online reporting system.

## Section 18

### **BIO-18 Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures**

Per the condition of certification, the REAT was established and a final report submitted to the CEC in 2014.

## Section 19

### **BIO-19 Special-Status Plant Impact Avoidance, Minimization and Compensation**

The annual report from the plant designated botanist, Dr. Alice Karl, was submitted by Dr. Karl directly to the CPM at the California Energy commission.

### **BIO-14 and the Project Weed Management Plan**

Weed monitoring and control has been ongoing and successful. The recommendation by Dr. Karl, the plant designated botanists, is to continue with annual weed control. The official Report has not been submitted by the botanist to date.





## **BIO-24 and the Project Revegetation Plan**

### ***Revegetation Success***

The approved revegetation plan required that an assessment be made at the end of Year 2 to determine if additional revegetation efforts will be necessary in Year 3 – specifically, the out planting of nursery grown seedlings - to meet success standards in Year 10. The south side assessment in 2015 concluded that success standards are very likely to be met and may be exceeded. For the north side, the growth of annuals from minor summer rains in 2015 suggests that soil functioning, water capture and seed capture are enough to support restoration, should adequate rain occur. No additional efforts are currently recommended.

## **Section 20**

### **BIO-21 Evaporation Pond Netting and Monitoring**

All pond inspections are performed by Genesis staff. Inspection results are logged in the facility Maintenance Management System.

## **Section 21**

### **BIO-22 Mitigation for Impacts to State Waters**

Wildlands, Inc. is responsible for completing the other compensatory mitigation tasks and deliverables described in the CEC Decision and BLM Approvals, including, but not limited to, Preliminary Report, Title/Conveyance, Initial Protection and Habitat Improvement, Property Analysis Record, and Long-Term Maintenance and Management Funding and all associated reports and notifications that must be submitted to the Approving Agencies.

## **Section 22**

### **BIO-27 Couch's Spade Foot Toad**

No mitigation ponds were required, and none were built.



# Section 23

## HAZ-1 Hazardous Materials

Hazardous Materials at Genesis Solar.

Material	CAS No.	Application	Hazard Characteristics	Maximum Quantity On Site	CERCLA Sara RQ	RQ in Gallons of Product
Acetylene	74-86-2	Welding Gas	Health: moderate toxicity Physical: toxic	990 cubic feet	NR	
Argon	7440-37-1	Welding Gas	Health: low toxicity Physical: non-flammable gas	1980 cubic feet	NR	
Carbon Dioxide	124-38-9	Welding Gas	Health: moderate toxicity Physical: non-flammable gas	556 lbs	NR	
Diesel Fuel	68476-34-6	Equipment refueling and emergency diesel fire pump	Health: low toxicity Physical: combustible	2800 gallons	NR	
Nitrogen	7727-37-9	HTF System	Health: low toxicity	2640 cubic feet	NR	
Oxygen	7782-44-7	Welding Gas	Health: low toxicity Physical: oxidizer	1320 cubic feet	NR	
Dow ThermA	101-84-8	Heat Transfer Fluid (HTF) through out solar array	Health: moderate toxicity Physical: irritant: combustible liquid (class III-B)	1800000 gallons	100 pounds	42 gallons
Sodium Hypochlorite	7681-52-9	Biological control	Health: low toxicity Physical: N/A	1320 gallons	100	82 gallons
Sodium Bisulfite (30%)	7631-90-5	Bleach reduction for RO	Health: High toxicity Physical: Corrosive	1320 gallons	5000 gallons	1617 gallons
Antiscalent	37971-36-1	Antiscalent RO	Health: low toxicity Physical: N/A	660 gallons	NR	
Caustic (50%)	1310-73-2	pH Adjustment	Health: Medium toxicity Physical: Corrosive and irritating to the eyes and skin	660 gallons	1000 pounds	157 gallons
Sulfuric Acid (93%)	7664-93-9	pH Adjustment	Health: Medium toxicity Physical: Corrosive and irritating to the eyes and skin	2749 pounds	1000 pounds	70 gallons
Coagulant	10028-22-5	Solids reduction, lamella reducer	Health: Medium toxicity Physical: Corrosive and irritating to the eyes and skin	660 gallons	1000 pounds	253 gallons
Polymer	64742-47-8	Solids reduction, lamella reducer	Health: Medium toxicity Physical: Irritating to the eyes and skin	660 gallons	NR	

Ammonia Hydroxide (19.5%)	1336-21-6	pH Adjustment	Health: High toxicity Physical: Corrosive and irritating to the eyes and skin, can cause serious eye damage. Harmful if inhaled	660 gallons	1000 pounds	647 gallons
Phosphates	7601-54-9	phosphate treatment for steam generators	Health: Medium toxicity Physical: Irritating to the eyes and skin	660	5000 pounds	7275 gallons
Sodium Bromide	7647-15-6	Biological control	Health: High toxicity Physical: Corrosive and irritating to the eyes and skin, can cause serious eye damage. Harmful if inhaled	660 gallons	1000 pounds	900 gallons
Unleaded Gasoline	86290-81-5	Equipment refueling and emergency diesel fire pump	Health: low toxicity Physical: combustible	2000 gallons	NR	



# Section 24

## HAZ-6 Site Security Plan

Due to national security measures, the security plan is not attached, however, the CPM has reviewed and approved the plan.

The following documentation is a record of the Affidavit of Compliance signed by the Plant General Manager complying with the CEC Haz-6 Condition of Certification.

Certificate of Affidavit  
Genesis Solar, LLC

Chris Allen, Plant General Manager

\_\_\_\_\_  
(Name of Person signing affidavit) (Title)

Do hereby certify that background investigations to ascertain the accuracy of the identity and employment history of all employees of  
Genesis Solar, LLC

\_\_\_\_\_  
(Company name)

Have been conducted as directed by the California Energy Commission Decision for the above named project.

Christopher L. Allen

Digitally signed by Christopher L. Allen  
DN: cn=Christopher L. Allen, o=Solar and Battery Storage  
West, ou=PGD, email=christopher.lallen@pl.com, c=US  
Date: 2021.03.01 11:39:58 -0500

\_\_\_\_\_  
(Signature of Officer or Agent)

Dated this 22 day of January, 2021

*THIS AFFIDAVIT OF COMPLIANCE SHALL BE APPENDED TO THE PROJECT SECURITY PLAN AND SHALL BE RETAINED AT ALL TIMES AT THE PROJECT SITE FOR REVIEW*

*BY THE CALIFORNIA ENERGY COMMISSION COMPLIANCE PROJECT MANAGER*

ROSE



# Section 25

## **Soil&Water-1 Drainage Erosion & Sedimentation Control Plan**

A significant storm event on November 20, 2019 resulted in erosion and damage within the confines of the Genesis Power blocks and surrounding channels.

Repairs were performed on the damaged channel sections in November and December 2020.

# Section 26

## **Soil&Water 2**

All quarterly, semi-annual and annual reports were submitted to the CPM on a timely basis. Genesis staff has submitted electronic copies to the CPM and are maintained on file at the facility. Reports are not included as an attachment due to their data size.

# Section 27

## **Soil&Water 5**

2020 Water Usage for Genesis Solar, LLC:

Volume of Water (in gallons)	Sanitation	Landscaping	Solar Mirror Washing	Dust Suppression	Other Water Use	Total
January	37,772	0	51,332	0	363,173	452,277
February	62,947	0	69,974	0	1,597,160	1,730,081
March	56,500	0	75,643	0	2,271,408	2,403,551
April	54,609	0	104,187	0	2,605,897	2,764,693
May	80,887	0	88,078	0	3,528,250	3,697,215
June	89,959	0	71,880	0	3,892,726	4,054,565
July	66,672	0	50,900	0	4,269,601	4,387,173
August	70,547	0	91,992	0	3,930,556	4,093,095
September	61,052	0	96,077	0	3,502,382	3,659,510
October	83,660	0	89,443	0	3,450,339	3,623,442
November	68,163	0	113,683	0	2,160,166	2,342,013
December	54,078	0	63,358	0	1,545,766	1,663,202



# Section 28

## **Soil&Water-13 Channel Maintenance Program**

The Channel Maintenance Plan was submitted Feb 12, 2013 and was subsequently approved by the CPM.

In 2020 the facility performed maintenance activities on several sections of the stormwater diversion channel to repair damages the occurred in 2019.

The areas that had work performed include the southern end of B/C Channel, southern half of D channel, and the U1 sediment basin.

Approximately 90,000 cubic yards of sediment were removed from these areas during the maintenance activity.



# Section 29

## Soil&Water-16 Groundwater Production Report

**Verification:** 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.

Copies of the filed Extraction Reports are shown below:



### ANNUAL NOTICE OF GROUNDWATER EXTRACTION & DIVERSION FOR 2020

Water Right ID      Primary Owner  
G333095              GENESIS SOLAR LLC

#### INVOICE

Your Notice of Groundwater Extraction & Diversion (G333095) has been successfully submitted.

Please mail a check or money order for the \$50.00 filing fee along with a printout of this invoice to the following address:

State Water Resources Control Board  
Division of Water Rights  
PO Box 2000  
Sacramento, CA 95812-2000

Check or money order should indicate your recordation number(s) and be made payable to: State Water Resources Control Board.

Do not send cash.

DEADLINE: Payment must be postmarked no later than June 30th in order to be recorded.

THIS SPACE FOR OFFICE USE ONLY    R. \_\_\_\_\_    AMT: \_\_\_\_\_

#### ELECTRONIC PAYMENT/AUTOMATIC CLEARINGHOUSE (ACH)

If you are paying electronically, include your groundwater recordation number when submitting your payment. Click the following link to visit the [SWRCB Make a Payment webpage](#). Select the "Application Fees" box, then scroll to the bottom of the page and enter your application number **RAG33309520**.

After printing this invoice screen, please click the 'Return to List of Reports' button below to view reports for this Recordation Number. The listing will give you the option of printing the submitted report for your records.

[Return to List of Reports](#)

ANNUAL NOTICE OF GROUNDWATER EXTRACTION & DIVERSION FOR 2020

Water Right ID  
G333094

Primary Owner  
GENESIS SOLAR LLC

INVOICE

Your Notice of Groundwater Extraction & Diversion (G333094) has been successfully submitted.

Please mail a check or money order for the \$50.00 filing fee along with a printout of this invoice to the following address:

State Water Resources Control Board  
Division of Water Rights  
PO Box 2000  
Sacramento, CA 95812-2000

Check or money order should indicate your recordation number(s) and be made payable to: State Water Resources Control Board.

Do not send cash.

DEADLINE: Payment must be postmarked no later than June 30th in order to be recorded.

THIS SPACE FOR OFFICE USE ONLY R. \_\_\_\_\_ AMT: \_\_\_\_\_

**ELECTRONIC PAYMENT/AUTOMATIC CLEARINGHOUSE (ACH)**

If you are paying electronically, include your groundwater recordation number when submitting your payment. Click the following link to visit the [SWRCB Make a Payment webpage](#). Select the "Application Fees" box, then scroll to the bottom of the page and enter your application number **RAG33309420**.

After printing this invoice screen, please click the 'Return to List of Reports' button below to view reports for this Recordation Number. The listing will give you the option of printing the submitted report for your records.

[Return to List of Reports](#)



ANNUAL NOTICE OF GROUNDWATER EXTRACTION & DIVERSION FOR 2020

Water Right ID  
G333093

Primary Owner  
GENESIS SOLAR LLC

INVOICE

Your Notice of Groundwater Extraction & Diversion (G333093) has been successfully submitted.

Please mail a check or money order for the \$50.00 filing fee along with a printout of this invoice to the following address:

State Water Resources Control Board  
Division of Water Rights  
PO Box 2000  
Sacramento, CA 95812-2000

Check or money order should indicate your recordation number(s) and be made payable to: State Water Resources Control Board.

Do not send cash.

DEADLINE: Payment must be postmarked no later than June 30th in order to be recorded.

THIS SPACE FOR OFFICE USE ONLY R. \_\_\_\_\_ AMT: \_\_\_\_\_

**ELECTRONIC PAYMENT/AUTOMATIC CLEARINGHOUSE (ACH)**

If you are paying electronically, include your groundwater recordation number when submitting your payment. Click the following link to visit the [SWRCB Make a Payment webpage](#). Select the "Application Fees" box, then scroll to the bottom of the page and enter your application number **RAG33309320**.

After printing this invoice screen, please click the 'Return to List of Reports' button below to view reports for this Recordation Number. The listing will give you the option of printing the submitted report for your records.

[Return to List of Reports](#)

## Section 30

### **Soil&Water-6 Waste Discharge Requirements**

The fees were paid December 16, 2020.

## Section 31

### **VIS-1 Surface Treatment of Non-Mirror Project Structures and Buildings**

Reporting Year Building conditions: Moderate weathering on exterior structures

Reporting Year Maintenance Activities: None

Next Year's Planned Maintenance Activities: None



# Section 32

## WASTE-9 Operations Waste Management Plan



Table 1. 2020 Genesis Solar Energy Center Waste Streams and Volume

Operations Waste Stream	Waste Hazard Classification	Planned disposal method		OWMP Estimated Annual Generation Amount	Actual Quantity of Waste Generated	Actual disposal method (if same as original plan indicate "same")
Scrap wood, class, solar mirrors, plastic, paper, class III garbage	Nonhazardous solids	Waste Hauler	Disposal Facility	25,000 pounds	149,000 pounds	Same
		CRR	RCL			
Spent lead acid batteries	Universal waste	Waste Hauler	Disposal Facility	50 pounds	1,328 pounds	Same
		MPE	SSW			
Spent rechargeable batteries (lithium-ion and nickel cadmium)	Universal waste	Waste Hauler	Disposal Facility	25 pounds	38 pounds	Same
		MPE	SSW			
Spent alkaline batteries	Universal waste	Waste Hauler	Disposal Facility	25 pounds	8 pounds	Same
		MPE	SSW			
Fluorescent, mercury vapor lamps	Universal waste	Waste Hauler	Disposal Facility	25 pounds	122 pounds	Same
		MPE	SSW			
Electronic Waste	Universal waste	Waste Hauler	Disposal Facility	200 pounds	298 pounds	Same
		MPE	SSW			
Used oil (hydraulic fluid, motor oils, lube oils, grease)	Hazardous liquids	Waste Hauler	Disposal Facility	250 gallons	850 gallons	Same
		WO	WO			
Used oil and water (from oily water separators)	Hazardous liquids	Waste Hauler	Disposal Facility	50 pounds	0 pounds	Same
		MPE	CHA			
Used oil filters	Hazardous solids	Waste Hauler	Disposal Facility	100 pounds	0 pounds	Same
		MPE	CHA			
Oily rags and absorbents	Hazardous liquids	Waste Hauler	Disposal Facility	500 pounds	1,621 pounds	Same
		MPE	CHA,CHG			
Liquid lab waste	Hazardous liquids	Waste Hauler	Disposal Facility	500 pounds	0 pounds	Same
		MPE	CHA			
Solvents, paint, adhesives	Hazardous liquids	Waste Hauler	Disposal Facility	50 pounds	0 pounds	Same
		MPE	CHA			
HTF soil	Hazardous waste solids	Waste Hauler	Disposal Facility	2,000 pounds	0 pounds	Same
		MPE	CHA			

HTF unit carbon absorption filters	Hazardous waste solids	Waste Hauler	Disposal Facility	5 tons	17.3 tons	Same
		MPE	CHU			
HTF contaminated debris	Hazardous waste solids	Waste Hauler	Disposal Facility	500 pounds	338 pounds	Same
		MPE	CHG			
Used HTF with water	Hazardous liquids	Waste Hauler	Disposal Facility	4,000 gallons	531 gallons	Treated on-site and reused – no waste generated
		MPE	CHA			
<b>Previously unidentified waste stream</b>						
Antifreeze/Water	Hazardous liquids	Waste Hauler	Disposal Facility	0 Pounds	1952 Pounds	To be included in next Plan revision
		MPE	CHA,CHG			
Antifreeze/water mixture results from maintenance on site vehicles and equipment, including emergency diesel fire pump and emergency diesel generator. This waste stream was inadvertently missed in previous updates to the facility Waste Management Plan and will be included in the next						

#### Waste Hauler Listing

Abbreviation	Name	City/State
CRR	CR&R	Stanton, CA
MPE	MP Environmental	Phoenix, AZ
WO	World Oil	Compton, CA

#### Disposal Facility Listing

Abbreviation	Name	City/State
CHA	Clean Harbors Arizona	Phoenix, AZ
CHG	Clean Harbors Grassy Mountain	Grantsville, UT
CHU	Clean Harbors Aragonite	Aragonite, UT
RCL	Riverside County Landfill	Blythe, CA
SSW	Stericycle Specialty Waste	Phoenix, AZ
WO	World Oil	Compton, CA

## Section 33

### **WORKER SAFETY-9 Joint Training Exercises with RCFD**

No joint training exercise occurred in 2020 due to the Covid-19 pandemic. Current plans are to resume the exercises in late 2021 if pandemic conditions permit.

## Section 34

### **COMPLIANCE-5 – Compliance Matrix**



## California Energy Commission Compliance Matrix 09-AFC-8

Condition of Certification	Title	Description	Status
AQ-SC6	Fleet Plan for operations vehicles	Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.	Ongoing
AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Ongoing
AQ-1	Equipment Operation, Application Requirements - NG boilers	Operate NG boilers in compliance with all data and specifications submitted with application.	Ongoing
AQ-2	Equipment fuel Use, Manufacturer Specifications - NG boilers	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Ongoing
AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Ongoing
AQ-3	Emissions limits, reporting - NG boilers	Submit emissions compliance documentation in Annual Compliance Report.	Ongoing
AQ-4	Maintenance and Operations Log - NG boilers	Maintain an operations log on-site and current for a minimum of five (5) years.	Ongoing
AQ-4	Maintenance and Operations Log - NG boilers	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Ongoing
AQ-7	Annual MDAQMD Compliance Test - NG boilers	Perform annual MDAQMD compliance tests.	Ongoing
AQ-7	Annual MDAQMD Compliance Test - NG boilers	Submit results report to the District no later than six weeks prior to the expiration date of this permit.	Ongoing
AQ-9	HTF Ullage/Exp. Tanks - HTF storage	Ullage tanks - This system shall store only HTF.	Ongoing
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Monitor VOC output, sample weekly. Calibrate FID on day of use. Maintain log of weekly sampling results and keep log onsite. Provide sampling log to District upon request.	Ongoing
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Operate ullage tanks system with the carbon adsorption system. <i>[VOC and Benzene emissions cap, see full text]</i>	Ongoing
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit compliance documentation in Annual Compliance Report.	Ongoing
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a yearly summary report of all VOC emissions.	Ongoing
AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Ongoing
AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit volume of HTF removed and added in Annual Report.	Ongoing
AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Ongoing

## California Energy Commission Compliance Matrix 09-AFC-8

AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.	Ongoing
AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.	Ongoing
AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Retain all annual test records for 5 yrs.	Ongoing
AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Ongoing
AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Maintain emission rates below specified volumes.	Ongoing
AQ-17	HTF Ullage/Exp. Tanks - Regulated Substances	Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.	Ongoing
AQ-18	Equipment Operation, Application Requirements - Cooling Towers	Operate cooling towers in compliance with all data and specifications submitted in application.	Ongoing
AQ-19	Equipment Operation Manufacturer Specifications - Cooling Towers	Operate cooling towers in compliance with all manufacturer specifications.	Ongoing
AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Comply with drift rate emissions cap ( <i>see full text</i> ).	Ongoing
AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Ongoing
AQ-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log onsite for 5 years.	Ongoing
AQ-24	Maintenance and Operation Log - Cooling Tower	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	Ongoing
AQ-25	Drift Eliminator Maintenance Procedures	Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission	Ongoing
AQ-26	Equipment Operation Manufacturer Specifications - 341HP generators	Operate generators in compliance with all manufacturer specifications.	Ongoing
AQ-27	Fuel Restrictions - 341 HP generators	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Ongoing
AQ-29	Operating Time Restrictions - 341 HP generators	Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.	Ongoing
AQ-30	Operations and Maintenance log - 341 HP generators	Maintain a operations log for a minimum of two years.	Ongoing
AQ-30	Operations and Maintenance log - 341 HP generators	Make records available to the District for three years.	Ongoing



**California Energy Commission  
Compliance Matrix 09-AFC-8**

AQ-30	Operations and Maintenance log - 341 HP generators	Submit compliance documentation in Annual Report.	Ongoing
AQ-30	Operations and Maintenance log - 341 HP generators	Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Ongoing
AQ-31	Voluntary Power Outage Use - 341 HP generators	Do not use generators during a voluntary power outage or reduction.	Ongoing
AQ-32	Involuntary Power Outage Use - 341 HP generators	Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent or in effect.	Ongoing
AQ-33	ATCM Compliance - 341 HP generators	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Ongoing
AQ-34	NSPS Compliance -341 HP generators	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Ongoing
AQ-35	Equipment Specification Compliance - 315 HP fire pump engines	Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and specifications submitted with permit application.	Ongoing
AQ-36	Fuel Restrictions - 315 HP fire pump engines	Use only ultra-low sulfur diesel fuel for equipment.	Ongoing
AQ-38	Operating time restrictions - 315 HP fire pump engines	Limit use for emergency power. Operate < 50hrs/yr for testing.	Ongoing
AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Maintain an operations log for this unit current and on-site, for three years.	Ongoing
AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Ongoing
AQ-40	ATCM Compliance - 315 HP fire pump engines	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Ongoing
AQ-41	NSPS Compliance - 315 HP fire pump engines	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Ongoing
AQ-43	Gas tank and pump - inspection and maintenance records	Maintain an inspection, repair and maintenance log onsite for at least two years.	Ongoing
AQ-44	Gas tank and pump - piping or vapor recovery modifications	Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.	Ongoing
AQ-45	Gas tank and pump - Vapor vent piping	Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.	Ongoing
AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Ongoing
AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar to EO VR-401-A Form 1	Ongoing

**California Energy Commission  
Compliance Matrix 09-AFC-8**

AQ-46	Gas tank and pump - initial and annual testing	Make test results available to CPM upon request.	Ongoing
AQ-46	Gas tank and pump - initial and annual testing	Submit passing test reports to District.	Ongoing
AQ-47	Gas tank and pump - aboveground tank and vapor recovery system compliance	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.	Ongoing
AQ-48	Gas tank and pumps - certified technician	Maintenance and repair of system components shall be performed by OPW Certified Technicians.	Ongoing
AQ-49	Gas tank and pumps - maintenance intervals	Maintenance Intervals shall be conducted by an OPW trained technician annually.	Ongoing
AQ-51	Gas tank and pumps - EVR phase I and II	Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F.	Ongoing
BIO-4	Biological Monitors - responsibilities	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	Ongoing
BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct training annually for perm. Employees and within one week of arrival for new staff.	Ongoing
BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site.	Ongoing
BIO-6	Worker Environmental Awareness Program (WEAP)	Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.	Ongoing
BIO-13	Raven Management Plan	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	Ongoing
BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Ongoing
BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit summary report of nest buffer zones in Jan 31 report during operations.	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	Submit annual reports no later than January 31 of each year.	Ongoing
BIO-22	Mitigation for Impacts to State Waters	Provide a copy of Condition of Certification BIO-22 to all on-site personnel (detailing Stop Work Authorities).	Ongoing
BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Annual Compliance Reports.	Ongoing

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BIO-22	Mitigation for Impacts to State Waters	<p>Drainage BMPs:  Minimize road building, construction activities and vegetation clearing within ephemeral drainages to the extent feasible.  Do not allow water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities to enter ephemeral drainages or be placed in locations that may be subjected to high storm flows.  Comply with all litter and pollution laws.  Locate spoil sites at least 30 feet from the boundaries and drainages or in locations that may be subjected to high storm flows, where spoils might be washed back into drainages.  Prevent hazMat from contaminating the soil and/or entering waters of the state.  Do not place any material of any kind (including soil) into or capable of going into waters of the state.  Remove excess material after operations is complete.  Do not perform equipment maintenance within 150ft of a drainage.</p>	Ongoing
BIO-23	Decommissioning and Closure Plan	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Ongoing
BIO-24	Revegetation of Temporarily Disturbed Areas	Submit status report of Reveg Plan yearly.	Ongoing
HAZ-1	Hazardous Materials list of approved substances	Do not use hazmats not listed, or in quantities listed in App A.	Ongoing
HAZ-1	Hazardous Materials list of approved substances	Submit a list of haz mats contained at the facility in the Annual Compliance Report.	Ongoing
HAZ-3	Safety Management Plan for Hazardous Material	Implement Safety Management Plan.	Ongoing
HAZ-6	Operations Site Security Plan	Submit statement confirming all employee background checks are complete and appended to Security Plan as part of the Annual Compliance Report.	Ongoing
HAZ-6	Operations Site Security Plan	Submit verification Security Plan includes all current hazmat transport vendor certifications as part of the Annual Compliance Report.	Ongoing
NOISE-2	Noise Complaint Process	Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.	Ongoing
NOISE-2	Noise Complaint Process	Contact individual making complaint.	Ongoing
NOISE-2	Noise Complaint Process	Submit the Noise Complaint Resolution Form.	Ongoing
NOISE-3	Noise Control Program	Make the Program available to OSHA upon request.	Ongoing
NOISE-4	Occupational Noise Survey	Make the report available to OSHA and Cal/OSHA upon request.	Ongoing
NOISE-4	Occupational Noise Survey	Submit report of survey findings.	Ongoing
Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Ongoing

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Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Update and maintain the DESCPC for the life of the Project.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of monetary compensation to well owners.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered >5ft due to Project pumping, provide compensation or mitigation to well owners.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor quarterly operational parameters (i.e., pumping rate) of the water supply wells.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water level measurements semi-annually after the first year.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit monitoring reports, complaints, studies and data.	Ongoing
Soil & Water-3	Groundwater Well Impact Compensation	Provide compensation by March 31 of each year. (one time for lump sum payments).	Ongoing
Soil & Water-3	Groundwater Well Impact Compensation	Submit a report of compensation provided for increased energy costs.	Ongoing
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM two copies of all operational reports required by the County of Riverside and any changes to operations of well.	Ongoing
Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (g/month and total).	Ongoing
Soil & Water-5	Construction and Operation Water Use	GW use during operations must not exceed 202 afy	Ongoing
Soil & Water-6	Waste Discharge Requirements	Submit annual waste discharge permit fee associated with this facility to the Water Boards	Ongoing
Soil & Water-12	Non-Transient Non-Community Water System	Designate a CA Cert'd Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.	Ongoing
Soil & Water-12	Non-Transient Non-Community Water System	Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual renewal of the operating permit.	Ongoing
Soil & Water-13	Channel Maintenance Program	Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.	Ongoing

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Soil & Water-16	Groundwater Production Monitoring	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.	Ongoing
TRANS-4	Hazmat Transport Permits/Licenses	Retain copies of hazardous material transport permits onsite for inspection.	Ongoing
VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Include a status report regarding surface maintenance in the Annual Compliance Report.	Ongoing
WASTE-9	Operation Waste Management Plan	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Ongoing
WASTE-9	Operation Waste Management Plan	Update Operations Waste Management Plan as necessary.	Ongoing
WASTE-10	HTF Contaminated Soil Hazard assessment	Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.	Ongoing
WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Submit release/spill documentation . If the release was reported, include agency communication.	Ongoing
WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Document, clean up, and dispose of hazmat released > EPA's reportable quantities in accordance with federal, state, and local requirements.	Ongoing
Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Provide letter of credit in the amount of \$375,000 to RCFD annually.	Ongoing
Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.	Ongoing
Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Host the annual training on a rotating yearly basis with the other solar power plants.	Ongoing
ELEC-1	CBO Submittal - Electrical Equipment and Systems	Retain approved final plant design plans and calculations onsite for the life of the project.	Ongoing
TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Retain all plans, including changes, on site for one year after completion of construction.	Ongoing
TSE-8	Code Compliance	In case of non-conformance of Tline construction or operation, notify CPM and CBO and describe the corrective actions to be taken.	Ongoing
TSE-8	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Ongoing
COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report	Ongoing
COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Ongoing
COMPLIANCE-10	Planned Facility Closures	Submit a closure plan to the CPM.	Ongoing
Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State reqs for sanitary waste disposal facilities.	Ongoing

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AQ-21	Drift Eliminator Monitoring and Reporting - Cooling Towers	Perform weekly conductivity tests of the blow down water. Provide to the District, ARB and the CEC	Ongoing
WASTE-6	Haz Waste Generator Identification Number	Submit documentation of any new or revised hazardous waste generation notifications in the following Monthly Compliance Report.	Ongoing
BIO-5	Designated Biologist and Biological Monitor Authority	Des Bio to notify agencies if there a stop work order.	Ongoing
BIO-11	Desert Tortoise Compliance Verification	Provide agencies with reasonable access to the Project site and compensation lands.	Ongoing
BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	Ongoing
BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	Ongoing
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project.	Ongoing
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).	Ongoing
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbance activities weekly.	Ongoing
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.	Ongoing
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies ,48hrs.	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	Consult with agency regarding removal of injured wildlife in evap ponds.	Ongoing
BIO-21	Evaporation Pond Netting and Monitoring	Des Bio or Monitor must inspect netting monthly during operation.	Ongoing
BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Ongoing
BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Ongoing
CUL-11	Data Recovery for Large sites	Submit to CPM any draft research paper to be presented at a professional organization.	Ongoing
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	CPM to evaluate GW level monitoring program for necessity or modification every 5 years.	Ongoing
Soil & Water-6	Waste Discharge Requirements	Submit compliance documentation for the WDRs in Appendices B, C, and D.	Ongoing

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Soil & Water-6	Waste Discharge Requirements	Submit all monitoring reports required by the WDRs and details of any nonconformance.	Ongoing
Soil & Water-13	Channel Maintenance Program	Supervise the implementation of a Channel Maintenance Program.	Ongoing
Soil & Water-13	Channel Maintenance Program	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	Ongoing
Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit amended Decommissioning Plans should the decommissioning scenario change in the future.	Ongoing
Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Ongoing
Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Monitor GW quality and levels semi-annually and submit data semi-annually.	Ongoing
TLSN-3	Combustible Material Inspections	Maintain Tline ROW free of combustible material.	Ongoing
VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Ongoing
VIS-2	Temporary and Permanent Exterior Lighting	Submit any received lighting complaints. Include proposal to resolve and schedule.	Ongoing
VIS-2	Temporary and Permanent Exterior Lighting	Submit a copy of complaint resolution report.	Ongoing
VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Ongoing
VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Ongoing
VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Ongoing
WASTE-7	Waste Management-related Enforcement Action Notification	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Ongoing
GEN-3	CBO Payments	Submit payments to the CBO in accordance with the agreement between the project owner and the CBO.	Ongoing
COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	Ongoing
COMPLIANCE-2	Compliance Record	The project owner shall maintain project files on-site.	Ongoing
COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Ongoing
COMPLIANCE-3	Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	Ongoing
COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Ongoing
COMPLIANCE-11	Unplanned Permanent Facility Closure	Submit an on-site contingency plan.	Ongoing
COMPLIANCE-12	Unplanned Permanent Facility Closure	In the event of an unplanned permanent closure, notify agencies take all necessary steps to implement the on-site contingency plan.	Ongoing

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COMPLIANCE-13	Post Certification Changes to the Decision	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	Ongoing
BIO-2	Designated Biologist - responsibilities	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	As Needed - Biologist on call
BIO-2	Designated Biologist - responsibilities	Submit BRMIMP compliance summary reports in Annual Compliance Report.	As Needed - Biologist on call
BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Supplied by Others
BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Supplied by Others
BIO-22	Mitigation for Impacts to State Waters	Submit a report of monitoring and management of compensation lands.	N/A funding in lieu of mitigation lands
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Construction disturbance verification - submit post-construction aerial images of the project site .	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit to the CPM a Construction Termination Report.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit a Construction Termination Report identifying status of owl mitigation.	Complete
CUL-6	Cultural Resources Report	Submit the final CRR.	Complete
HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Hazardous Materials Business Plan.	Complete
NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Complete
Soil & Water-6	Waste Discharge Requirements	Submit (for rev and approve) any change to the design, construction, or operation of the evaporation basins, treatment units, or associated storm water system pt initiating changes.	Complete
TRANS-5	Restoration of Public Roads, Easements, and ROWs	Restore all public roads, easements, and rights-of-way damaged due to project-related construction activities.	Complete
TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit letter of ROW repair completion, including concurrence from Caltrans or the County.	Complete
TRANS-5	Restoration of Public Roads, Easements, and ROWs	Meet with CPM, Caltrans and the County to identify sections of public ROW needing repair < 60d after construction. Establish a schedule for repairs.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. <b>UNIT 1</b>	Complete



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VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Submit a revegetation plan for the staging area.	Complete
GEN-1	2007 Ca Buidling Standards Code Compliance	Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.	Complete
GEN-8	As-builts, CBO Notification of Completion and Compliance	Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.	Complete
GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit to CBO statement of work completed, in conformance with plans and ready for inspection.	Complete
GEN-8	As-builts, CBO Notification of Completion and Compliance	Notify the CPM after obtaining the CBO's final approval of work completed.	Complete
CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	Complete
STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	control and drainage work, the project owner shall obtain the CBO's	Complete
MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Submit to the CBO the final plans and a statement from the mechanical engineer certifying compliance with applicable LORS for major piping or plumbing.	Complete
PAL-7	Paleontological Resuorces Report	Submit a Paleontological Resources Report (PRR).	Complete
TSE-8	Code Compliance	Submit: a) "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 codes and standards shall be provided concurrently. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. Retain "As built" drawings at the power plant and make available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Complete
VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. <b>UNIT 1</b>	Complete
GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO) <b>Unit 1</b>	4- Complete
AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District. <b>UNIT 1</b>	Complete

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AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District. <b>UNIT 2</b>	Complete
AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up. <b>UNIT 2</b>	Complete
AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up. <b>UNIT 1</b>	Complete
AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit manufacturer guarantee data for the drift eliminator.	Complete
TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Complete
TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. <b>UNIT 2</b>	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. <b>COMMON AREA</b>	Complete
GEN-1	2007 Ca Buidling Standards Code Compliance	Once the CO issued, notify CPM pt any addition, alteration, moving, demolition, repair, or maintenance on any portion(s) of the completed facility subject to CBO approval.	Complete
MECH-3	CBO Submittal - HVAC Specs, etc.	Upon completion of any increment of construction, request CBO's inspection and approval of that construction.	Complete
MECH-3	CBO Submittal - HVAC Specs, etc.	Submit to the CBO the required HVAC and refrigeration plans and a statement from the mechanical engineer certifying compliance with applicable codes. Submit copy of the transmittal letter to the CPM.	Complete
VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. <b>UNIT 2</b>	Complete
VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. <b>COMMON AREA</b>	Complete
GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO) <b>Unit 2 and Common Area</b>	4- Complete
AQ-SC1	Air Quality Construction Mitigation Manager (AQCMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	Complete
AQ-SC1	Air Quality Construction Mitigation Manager (AQCMM) - staff assignment	AQCMM remain onsite to monitor construction activities	Complete
AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	Complete
AQ-SC7	Dust Control Plan - Construction	Submit Operations Dust Control Plan.	Complete
AQ-SC7	Dust Control Plan - Operations	Submit Operations Dust Control Plan.	Complete

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AQ-SC7	Dust Control Plan - Operations	Submit report identifying locations of all speed limit signs, and a copy of the training manual.	Complete
AQ-SC8	Air permit submittals	Submit copies of District issued Authority to Construct & Permit to Operate Documents.	Complete
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a monitoring and change-out plan for the system.	Complete
AQ-11	HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan	Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.	Complete
AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff upon request.	Complete
AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit to CPM an HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan for review.	Complete
AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Provide a written test plan for District for approval and the <b>CPM</b> for review.	Complete
AQ-22	Water Testing Protocol - Cooling Tower	Submit a test and emissions calculation protocol.	Complete
AQ-28	Elapsed Operating Time Meter - 1341 HP generators	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the specifications of the hour meter.	Complete
AQ-34	NSPS Compliance -341 HP generators	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Complete
AQ-37	Elapsed Operating Time Meter - 315 HP fire pump engines	Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM the specification of the hour timer.	Complete
AQ-41	NSPS Compliance - 315 HP fire pump engines	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Complete
AQ-42	Gas tank and pump - toll free number	Post the required toll-free number on the equipment.	Complete
AQ-46	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Complete
AQ-46	Gas tank and pump - initial and annual testing	Notify District pt testing. (initial and annual)	Complete
BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	Complete
BIO-2	Designated Biologist - responsibilities	Des Bio Pre-con: Consult on the preparation of the BRMIMP; Oversee survey efforts for sensitive bio resources; Mark sensitive biological resource areas and inspect regularly;	Complete
BIO-3	Biological Monitors - Staff assignment	Assign Bio Monitors and submit training verification	Complete
BIO-4	Biological Monitors - responsibilities	Assist with surveys and in monitoring of site mobilization activities.	Complete

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BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume)	Complete
BIO-6	Worker Environmental Awareness Program (WEAP)	Submit Final WEAP.	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit Draft BRMIMP	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Conduct Aerial Surveys and submit pre-const. photos for review	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMIMP.	Complete
BIO-8	Impact Avoidance and Minimization Measures	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Complete
BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Complete
BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Complete
BIO-8	Impact Avoidance and Minimization Measures	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. Ph I	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. P II	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. Repair fence immediately. If damage could have allowed tortoise entry, Des Bio must inspect area for animal presence.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate all occupied burrows. Relocate and monitor in accordance with Translocation Plan.	Complete
BIO-10	Desert Tortoise Translocation Plan	Submit final version of Desert Tortoise Translocation Plan.	Complete
BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I	Complete
BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II	Complete

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BIO-12	Desert Tortoise Compensatory Mitigation	Submit PAR analysis for compensation lands.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Submit an Acquisition Proposal compensation lands.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	If delegated to third party, complete acquisition within 18 months of gd activities.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	If mitigation is not completed 30d pt gd, post security for funding.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement. Phase II	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Fund long-term maintenance and management activities of the compensation lands. Submit verification of funding.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Complete
BIO-13	Raven Management Plan	Submit final Raven Management Plan.	Complete
BIO-13	Raven Management Plan	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	Complete
BIO-14	Weed Management Plan	Submit final Weed Management Plan.	Complete
BIO-14	Weed Management Plan	Implement the Weed Management Plan.	Complete
BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge.	Complete
BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge. PLANT SITE, PHASE II	Complete
BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.	Complete

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BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit letter report of nest survey results.	Complete
BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.	Complete
BIO-16	Avian Protection Plan.	Submit a final Avian Protection Plan.	Complete
BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph I	Complete
BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph II	Complete
BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Perform pre-construction surveys for badger and kit fox dens. Ph II	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide a land management plan.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit verification to agencies that compensation land or easements have been acquired.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph I	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph II	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase II	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I	Complete

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BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide land/mitigation compensation security verification.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit drawings and plans with ESAs and Section A Measures.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit data, field forms and summary of results.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit the Final Summer-Fall Botanical Survey Report.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit draft Special-Status Plant Mitigation Plan.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Deposit the required funds and submit verification of deposit.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Status and Distribution</u> : Post funds for selected mitigation.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Submit a formal acquisition proposal and draft Management Plan.	Complete

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BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Complete acquisition and submit verification.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: initiate activities > 12m from the start of construction.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation:</u> Submit any agreements with an approved, delegated third party.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, submit draft and final study within 24m and 30m after gd, respectively.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, initiate study <6m after gd.	Complete
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Assign a Designated Botanist.	Complete
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Complete
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Complete
BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries.	Complete
BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	Prior to the start of surveys, all crew members must visit reference sites (where available)	Complete
BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Complete
BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Special-status plants: CNDDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.	Complete
BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Post security for acquisitions and enhancement of MFTL habitat.	Complete
BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a MFTL Compensation Land Management Plan and associated funding.	Complete



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BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a formal acquisition proposal and PAR analysis.	Complete
BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Complete MFTL compensation land acquisition and submit verification.	Complete
BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account.	Complete
BIO-21	Evaporation Pond Netting and Monitoring	Install a visual deterrent in addition to the mesh cover.	Complete
BIO-21	Evaporation Pond Netting and Monitoring	Submit as-built drawings and photos of evap ponds	Complete
BIO-22	Mitigation for Impacts to State Waters	Submit a draft Management Plan for the drainages on the acquired compensation lands.	Complete
BIO-22	Mitigation for Impacts to State Waters	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Complete
BIO-22	Mitigation for Impacts to State Waters	Transfer fee title or submit a conservation easement for compensation lands.	Complete
BIO-22	Mitigation for Impacts to State Waters	Provide verification of Security 30d pt CR gd.	Complete
BIO-22	Mitigation for Impacts to State Waters	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	Complete
BIO-22	Mitigation for Impacts to State Waters	Submit verification of acquisition.	Complete
BIO-23	Decommissioning and Closure Plan	Post security for Decommissioning and Closure Plan.	Complete
BIO-23	Decommissioning and Closure Plan	Submit a draft Decommissioning and Closure Plan.	Complete
BIO-24	Revegetation of Temporarily Disturbed Areas	Submit to the CPM a final agency-approved Revegetation Plan.	Complete
BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Conduct Spadefoot Toad surveys. Submit findings	Complete
BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, submit compliance documentation yearly.	Complete
BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, provide as-built drawings and photos.	Complete
BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Submit a final CST Protection and Mitigation Plan.	Complete
BIO-28	Golden Eagle Inventory and Monitoring	Submit results of eagle inventory.	Complete
BIO-29	in-Lieu Mitigation Option	Notify CEC if an in-lieu fee is preferred for bio mitigation.	Complete
CUL-1	prehistoric Trails Network Cultural Landscape (PTNCL) Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	Complete
CUL-1	PTNCL Documentation and Poss. NRHP Nomination	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	Complete

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CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	Complete
CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	Complete
CUL-3	Cultural Resources Personnel	Assign a cultural resource specialist (CRS).	Complete
CUL-3	Cultural Resources Personnel	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072	Complete
CUL-3	Cultural Resources Personnel	Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project geoarchaeologist.	Complete
CUL-3	Cultural Resources Personnel	Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.	Complete
CUL-3	Cultural Resources Personnel	Submit letter with names and quals of CR Monitors.	Complete
CUL-3	Cultural Resources Personnel	Submit letter with names and quals of field crew members.	Complete
CUL-4	Project Documents for Cultural Resources Personnel	If phased construction schedule changes, submit notice of change.	Complete
CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM.	Complete
CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM. Phase II	Complete
CUL-4	Project Documents for Cultural Resources Personnel	Submit CR data and maps to CR staff and CPM.	Complete
CUL-4	Project Documents for Cultural Resources Personnel	Submit any changes in footprint.	Complete
CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit information from curation facility.	Complete
CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit letter agreement to fund curation fees.	Complete
CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit the CRMMP.	Complete
CUL-7	Worker Environmental Awareness Program	CRS to submit training program.	Complete
CUL-7	Worker Environmental Awareness Program	CRS to submit WEAP training acknowledgement form.	Complete
CUL-8	Construction Monitoring Program	Geoarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).	Complete

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CUL-8	Construction Monitoring Program	Submit a copy of any Native American employment request and a copy of a response letter.	Complete
CUL-8	Construction Monitoring Program	CPM to provide CRS with daily monitoring form.	Complete
CUL-9	Authority to Halt Construction; Treatment of Discoveries	Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.	Complete
CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.	Complete
CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.Phase II	Complete
CUL-11	Data Recovery for Large sites	Notify CPM of recovery at large sites.	Complete
CUL-12	Surface Collection with Sampling for site CA-RIV-9073	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.	Complete
CUL-12	Surface Collection with Sampling for site CA-RIV-9074	Notify CPM that collection at CA-Riv-9072 will commence.	Complete
CUL-12	Surface Collection with Sampling for site CA-RIV-9076	Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.	Complete
CUL-13	Flag and Avoid	CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.	Complete
CUL-13	Flag and Avoid	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.	Complete
CUL-14		DELETED	Complete
CUL-15		DELETED	Complete
CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Submit results of Native American consultation.	Complete
CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Notify CPM of consultation.	Complete
CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Documentation that security gate/guard is in place.	Complete
CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Consult with Native American representatives regarding to the McCoy Spring National Register Archaeological District and sites CA-Riv-0523, CA-Riv-3149, CA-Riv-4569, and CA-Riv-4699	Complete
CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Include in CRMMP a data recovery plan for the historic-period archaeological resources.	Complete
CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Submit to CPM letter report that data recovery is complete.	Complete

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CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence.	Complete
CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence. Ph II	Complete
HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Process Safety Management Plan.	Complete
HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Spill Prevention, Control, and Countermeasure Plan.	Complete
HAZ-3	Safety Management Plan for Hazardous Material	Submit a Safety Management Plan.	Complete
HAZ-4	HTF pipe system isolation valves	Submit design drawings showing the number, location, and type of HTF isolation valves.	Complete
HAZ-5	Construction Site Security Plan	Submit a Construction Security Plan Verification.	Complete
HAZ-6	Operations Site Security Plan	Submit a Operations Site Security Plan.	Complete
Public Health-1	Cooling Water Management Plan	Submit a Cooling Water Management Plan.	Complete
NOISE-1	Resident Notification- Pre-construction	Notify residents within 2 miles of the site and 0.5 mile of linears of start of construction. (Include phone # for noise complaints)	Complete
NOISE-1	Resident Notification- Pre-construction	Maintain telephone number for noise complaints until facility is operational for one year.	Complete
NOISE-1	Resident Notification- Pre-construction	Post telephone number for noise complaints at the site during construction, visible to passersby.	Complete
NOISE-1	Resident Notification- Pre-construction	Submit statement and documentation of compliance to CPM.	Complete
NOISE-3	Noise Control Program	Submit a Noise Control Program and a statement of commitment.	Complete
Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. Phase II	Complete
Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of mitigation to well owners.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Send notices to all owners and conduct a well reconnaissance within 2 miles of the project.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor wells, seeps and springs to establish preconstruction conditions.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit report of all pre-construction items, including calculations and assumptions.	Complete

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Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.	Complete
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and the water well permit program	Complete
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq,	Complete
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Complete
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.	Complete
Soil & Water-5	Construction and Operation Water Use	Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.	Complete
Soil & Water-7	Septic System and Leach Field Reqs	Submit engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater to County. Submit County's assessment of compliance.	Complete
Soil & Water-8	Revised Project Drainage Report and Plans	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Complete
Soil & Water-9	Detailed FLO-2D Analysis	Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.	Complete
Soil & Water-10	Collector and Conveyance Channel Compliance with RCFCWCD	Submit two copies of the 30 percent channel design drawings.	Complete
Soil & Water-11	Channel Erosion Protection	Incorporate channel erosion protection methods (except "I" ) in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.	Complete
Soil & Water-12	Non-Transient Non-Community Water System	Obtain a permit to operate a non-transient, non-community water system with the County.Potable Water	Complete
Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Complete
Soil & Water-13	Channel Maintenance Program	Submit written commitment to adopt and implement the Program.	Complete
Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Complete
Soil & Water-15	Colroado River Flow Mitigation, Water Supply Plan	Submit a Water Supply Plan.	Complete
Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit the Ground Subsidence Monitoring and Action Plan.	Complete
Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Construct one monument monitoring station per production well or a minimum of three stations.	Complete
Soil & Water-19	Estimation of Impacts to PVMGB	Submit a report detailing results of the PVMGB underflow depletion modeling effort.	Complete

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Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.	Complete
Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Well Monitoring Installation and Groundwater Quality Network Report.	Complete
Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Commence groundwater quality monitoring prior to construction.	Complete
Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit GW quality and level monitoring data.	Complete
TRANS-1	Traffic Control Plan	Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.	Complete
TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Complete
TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County. Phase II	Complete
TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit photographs or video of all affected public roads, easements and ROWs.	Complete
TRANS-5	Restoration of Public Roads, Easements, and ROWs	Notify the County and Caltrans of schedule for construction.	Complete
TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Submit letter signed by CA registered electrical engineer affirming the Tlines will be constructed in accordance with the stated requirements.	Complete
VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Submit a Surface Treatment Plan.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Submit a Lighting Mitigation Plan.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Complete
VIS-4	Reflective Glare Mitigation	Construct perimeter chain link using dark or earth-toned opaque privacy slats of a minimum 8 feet in height.	Complete
VIS-4	Reflective Glare Mitigation	Submit a fencing plan describing mitigation for off-site glare.	Complete
VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.	Complete
VIS-6	Reduction of Form, Line and Texture Contrast	Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.	Complete
WASTE-2	PE or PG - Staff Assignment	Submit resume for a PE or PG.	Complete
WASTE-4	Construction Waste Management Plan	Submit a Construction Waste Management Plan.	Complete
WASTE-5	UXO Identification, Training and Reporting Plan	Submit a UXO Identification, Training and Reporting Plan.	Complete

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WASTE-6	Haz Waste Generator Identification Number	Obtain a hazardous waste generator identification number from USEPA prior to generating any hazardous waste. Retain a copy onsite.	Complete
WASTE-9	Operation Waste Management Plan	Submit the Operation Waste Management Plan.	Complete
WASTE-9	Operation Waste Management Plan	Submit any required revisions of Ops Waste Plan.	Complete
Worker Safety-1	Project Construction Safety and Health Program	Submit the Construction Emergency Action Plan and the Fire Prevention Plan to Riverside County Fire Department for review and comment prior to CPM submittal.	Complete
Worker Safety-1	Project Construction Safety and Health Program	Submit the Project Construction Safety and Health Program, to include Personal Protective Equipment Program; Exposure Monitoring Program; Injury and Illness Prevention Program; Heat Stress Protection Plan; Emergency Action Plan; and a Construction Fire Prevention Plan.	Complete
Worker Safety-2	Project Operations Safety and Health Program	Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan; Operation Heat Stress Protection Plan; BMPs for the storage and application of herbicides; Emergency Action Plan; Hazardous Materials Management Program; Fire Prevention Plan; and Personal Protective Equipment Program.	Complete
Worker Safety-1	Project Operations Safety and Health Program	Submit The Operations Fire Prevention Plan and the Emergency Action Plan to Riverside County Fire Department for review and comment.	Complete
Worker Safety-3	Construction Safety Supervisor - Staff Assignment	Submit name and contact information for the Construction Safety Supervisor (CSS).	Complete
Worker Safety-4	Construction Safety Supervisor - Staff Assignment	CSS to include compliance documentation in Monthly Compliance Report.	Complete
Worker Safety-4	CBO Payments	Submit verification of agreement with CBO for a Safety Monitor to CPM.	Complete
Worker Safety-4	CBO Payments	Post payment to CBO for a Safety Monitor.	Complete
Worker Safety-5	Automatic External Defibrillator onsite	Install a portable automatic external defibrillator (AED) on site during construction and operations.	Complete
Worker Safety-5	Automatic External Defibrillator onsite	Conduct AED training program in accordance with CPM-approved program.	Complete
Worker Safety-5	Automatic External Defibrillator onsite	Submit verification that AED exists onsite and the training and maintenance program.	Complete
Worker Safety-6	Emergency Access Gate, Spur Road	Submit to the RCFD and CPM preliminary plans of location and details for a second access gate to the site.	Complete
Worker Safety-6	Emergency Access Gate, Spur Road	Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.	Complete
Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD. (see text for alternative measures requirements)	Complete

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Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit either: agreement with the RCFD re funding for capital costs for fire protection/response OR documentation that a letter of credit has been provided to the RCFD and will continue annually.	Complete
Worker Safety-8	Dust Control Plan	Submit Dust Control Plan.	Complete
Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Submit verification that a joint training program with the RCFD is established.	Complete
GEN-2	Facility Design Submittals to CBO and CPM	Submit a schedule of facility design submittals, and master drawing and master specifications lists before submitting the initial engineering designs for CBO review.	Complete
GEN-4	Resident Engineer - Staff Assignment	Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	Complete
GEN-4	Resident Engineer - Staff Assignment	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the soils (geotechnical) engineer.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of soils (geotechnical) engineer.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the civil engineer.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the mechanical engineer .	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the engineering geologist.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of civil eng assignment.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of mech eng assignment.	Complete
GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of eng. geologist assignment.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	Submit resumes of special inspector(s).	Complete
CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (Ph I) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Complete



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CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (PH II) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Complete
CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Include CBO approval in following monthly compliance report.	Complete
STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	approval of the final grading plans (including final changes) for the	Complete
STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Submit to the CBO final design plans for tanks or vessels.	Complete
STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report.	Complete
STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Complete
STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit code certification papers and other documents for all pressure vessels installed in the plant required by applicable LORS.	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Include CBOs inspection approval in the monthly compliance report following any inspection.	Complete
ELEC-1	CBO Submittal - Electrical Equipment and Systems	Submit to the CBO the final plant design plans and a signed/stamped stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	Complete
ELEC-1	CBO Submittal - Electrical Equipment and Systems	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Complete
ELEC-1	CBO Submittal - Electrical Equipment and Systems	Include in the monthly compliance report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; and 3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.	Complete
ELEC-1	CBO Submittal - Electrical Equipment and Systems	At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.	Complete
PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of Paleo Resource Monitors.	Complete
PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of the Paleo Resource Specialist (PRS).	Complete

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PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.	Complete
PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit schedule of construction phases before work commences on affected power plants.	Complete
PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.	Complete
PAL-3	Paleontological Resources Monitoring and Mitigation Plan	If PRS determines that paleontological materials could be impacted, PRS to submit a paleontological resources monitoring and mitigation plan (PRMMP).	Complete
PAL-4	Paleontological WEAP	Include paleo resources in the WEAP.	Complete
PAL-4	Paleontological WEAP	Submit script and final video of paleo training.	Complete
TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Submit the schedule, a Master Drawing List, and a Master Specifications List.	Complete
TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit to the CBO the final design plans, etc for the power plant switchyard, and outlet line and termination, include statement from the electrical engineer verifying compliance with all applicable LORS.	Complete
TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit a copy of the transmittal letter of final design plans to CBO in the next monthly compliance report.	Complete
TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Complete
TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Complete

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TSE-5	CBO Submittal - Tline Design Drawings, Specs and Calca	Submit to the CBO : a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment; b) design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement by the engineer that the Tline element(s) will conform with specified codes and standards. c) Electrical one-line diagrams signed and sealed by the electrical engineer, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 d) The Special Protection System (SPS) sequencing and timing if applicable shall be provided concurrently to the CPM. e) A letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable, f) The final Phase II Interconnection Study, g) A copy of the executed LGIA signed by the California ISO and the project owner.	Complete
TSE-6	CBO Submittal - TSE-5 Change Requests	Notify the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes pt to the construction of transmission facilities.	Complete
TSE-7	ISO Notification	Submit telephone notification to the California ISO Outage Coordination Department	Complete
TSE-7	ISO Notification	Submit to the California ISO a letter stating the proposed date of synchronization.	Complete
TSE-7	ISO Notification	Submit a report of conversation with the California ISO.	Complete
COMPLIANCE-4	Pre-con Matrix and tasks	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction,	Complete
COMPLIANCE-6	Monthly Compliance Report and Key Events List	Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.	Complete
COMPLIANCE-9	Complaints, Notices and Citations	Send a letter to property owners living < 1mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	Complete
AQ-SC6	Fleet Plan for operations vehicles	Submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule	Complete
AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test. <b>UNIT 1</b>	Complete
AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test. <b>UNIT 2</b>	Complete

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AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify <b>District</b> and <b>CPM</b> prior to testing. <b>UNIT 2</b>	Complete
AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify <b>District</b> and <b>CPM</b> prior to testing. <b>Unit 1</b>	Complete
Soil & Water-7	Septic System and Leach Field Reqs	Project Owner shall submit necessary information and fee to the County of Riverside. Written assessment Riverside County shall be submitted to the CPM for review and approval	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM. <b>FOR UNIT 1</b>	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM. <b>FOR UNIT 2</b>	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation. <b>FOR UNIT 2</b>	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation. <b>FOR UNIT 2</b>	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code. <b>FOR UNIT 1</b>	Complete
MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code. <b>FOR UNIT 2</b>	Complete
CUL-8	Construction Monitoring Program	Submit justification for reduction or cessation of CRS daily reporting.	Complete
AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit initial test results within 180 days after startup.	Complete
AQ-14	HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Complete

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BIO-2	Designated Biologist - responsibilities	Des Bio Const: Advise Construction and Operation Managers on bio resources and COCs; Train Bio Monitors on BRMIMP, WEAP and USFWS guidelines for tortoise. Oversee monitoring for sensitive bio resources Inspect areas of active construction at beginning and end of day for trapped animals. Inspect areas of high traffic activity for animals in harm's way; Notify Owner and CPM of any NCRs Communicate directly with CDFG, USFWS, and CEC, responding to inquiries Submit BRMIMP compliance summary reports in Monthly Compliance Report. Submit BRMIMP compliance summary reports in Annual Compliance Report.	Complete
BIO-13	Raven Management Plan	Submit a status report of the Raven Management Plan implementation.	Complete
BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation.	Complete
BIO-16	Avian Protection Plan.	Continue quarterly and annual reporting on APP until agencies determine not necessary.	Complete
BIO-16	Avian Protection Plan.	Submit report of study design and results after two years of data collection.	Complete
BIO-16	Avian Protection Plan.	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit results of monitoring and management of compensation lands.	Complete
BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	Complete
BIO-22	Mitigation for Impacts to State Waters	Submit a final accounting of disturbance to jurisdictional waters during construction.	Complete
BIO-24	Revegetation of Temporarily Disturbed Areas	Provide compliance documentation and status of completion of the Reveg Plan.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water from wells, seeps and springs quarterly and at the end of the construction. Submit report on water samples, including all calculations and assumptions quarterly.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a 5 year monitoring report.	Complete
Soil & Water-5	Construction and Operation Water Use	Submit a semi-annual report of construction water use.	Complete

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TLSN-2	Pre- and Post- Energization Measurements	Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.	Complete
TLSN-3	Combustible Material Inspections	Submit summary of inspection results and fire prevention activities in the Annual Compliance Report for the first 5 years of operation.	Complete
MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Include a copy of transmittal letter to CBO in following monthly compliance report.	Complete
AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	AQCOMM to submit compliance documentation to the CPM in each Monthly Compliance Report.	Complete
AQ-SC4	Dust Plume Response Requirement	Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.	Complete
AQ-SC5	Diesel engine emissions - monitoring and reporting	<i>Implement Diesel-Fueled Engine Control</i>	Complete
AQ-SC5	Diesel engine emissions - monitoring and reporting	Submit compliance documentation in Monthly Compliance Report.	Complete
BIO-2	Designated Biologist - responsibilities	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Complete
BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	Complete
BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Complete
BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Monthly Compliance Report.	Complete
BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit burrowing owl compliance documentation in monthly compliance report.	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.	Complete
BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Monthly Compliance Reports.	Complete
CUL-7	Worker Environmental Awareness Program	Submit all new WEAP acknowledgement forms and a running tally of trained employees in monthly compliance report.	Complete
CUL-8	Construction Monitoring Program	Include report of any NCRs in monthly compliance report.	Complete
CUL-13	Flag and Avoid	Inspect flagged buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072 monthly. Submit compliance documentation in the Monthly Compliance Report.	Complete

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Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit compliance documentation in the Monthly Compliance Report.	Complete
TRANS-2	Vehicle Weight Limits	Obtain necessary overweight/oversized and other transportation permits required by Caltrans and the County. Report receipt of permits in Monthly Report.	Complete
TRANS-3	Public ROW Encroachment	Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.	Complete
TRANS-4	Hazmat Transport Permits/Licenses	Obtain necessary hazardous material transport permits from Caltrans and all relevant jurisdictions. Report receipt in Monthly Report.	Complete
GEN-2	Facility Design Submittals to CBO and CPM	Include updated schedule of facility design submittals, and master drawing and master specifications in the Monthly Compliance Report.	Complete
GEN-3	CBO Payments	Submit a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	Include a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	Complete
GEN-7	Facility Design Discrepancy Documentation	Submit a copy of the CBO's approval of corrective action taken to resolve a discrepancy in the next monthly compliance report.	Complete
GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit a copy of statement of work completed to the CPM in the next monthly compliance report.	Complete
CIVIL-3	CBO Inspection of 2007 CBC Compliance	Include a list of NCRs in the following Monthly Compliance Report.	Complete
CIVIL-4	Final Grading Plans - CBO submittal	Submit a copy of the CBO's approval of grading plans to the CPM in the next monthly compliance report.	Complete
STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Complete
MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Complete
PAL-4	Paleontological WEAP	Submit Paleo training documentation in Monthly Compliance Report.	Complete
PAL-5	PRS Monitoring and Stop Work Authority	Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.	Complete
TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Include TSE schedule updates in the Monthly Compliance Report.	Complete
AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Implement Dust Control BMPs	Complete
AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Stabilize all disturbed areas after construction activities.	Complete

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AQ-SC4	Dust Plume Response Requirement	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	Complete
AQ-SC5	Diesel engine emissions - monitoring and reporting	AQCMM to inspect and tag all diesel-fueled engines Diesel engines and tier standards - see full text. Do not idle diesel equipment for more than 5 mins.(see full text for exceptions)	Complete
BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	Complete
BIO-4	Biological Monitors - responsibilities	Bio Mons assist DB with surveys and monitoring disturbance activities.	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit the revised or supplemented BRMIMP.	Complete
BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Complete
BIO-8	Impact Avoidance and Minimization Measures	If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the fenced drainage). Repair fence immediately, with permanent repairs completed within 48 hrs.	Complete
BIO-9	Desert Tortoise Clearance Surveys and Fencing	Design security gates with minimal ground clearance to deter ingress by tortoises.	Complete
BIO-10	Desert Tortoise Translocation Plan	Submit a Translocation Plan status report following translocation of a DT.	Complete
BIO-11	Desert Tortoise Compliance Verification	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	Complete
BIO-11	Desert Tortoise Compliance Verification	Submit a Final Listed Species Mitigation Report.	Complete
BIO-11	Desert Tortoise Compliance Verification	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	Complete
BIO-11	Desert Tortoise Compliance Verification	DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.	Complete
BIO-11	Desert Tortoise Compliance Verification	Notify the CPM immediately of any NCR.	Complete
BIO-12	Desert Tortoise Compensatory Mitigation	Provide to agencies a total disturbance acreage, including B/A aerial photography.	Complete
BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Complete
BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement / Restoration Plan.	Complete



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BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.	Complete
BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Complete
BIO-22	Mitigation for Impacts to State Waters	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	Complete
BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Implement a CST Protection and Mitigation Plan.	Complete
BIO-28	Golden Eagle Inventory and Monitoring	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	Complete
BIO-28	Golden Eagle Inventory and Monitoring	Survey for golden eagle annually during construction.	Complete
CUL-3	Cultural Resources Personnel	Submit resume of CRS replacement (if necessary).	Complete
CUL-3	Cultural Resources Personnel	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Complete
CUL-3	Cultural Resources Personnel	Submit letter with names and quals of <i>additional</i> CR Monitors.	Complete
CUL-4	Project Documents for Cultural Resources Personnel	Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.	Complete
CUL-6	Cultural Resources Report	Submit a draft CR Report (CRR) if requesting suspension of construction (if necessary). Retain a copy of the draft CRR onsite.	Complete
CUL-6	Cultural Resources Report	Submit documentation of CRR distribution to parties.	Complete
CUL-7	Worker Environmental Awareness Program	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Complete
CUL-8	Construction Monitoring Program	Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".	Complete
CUL-8	Construction Monitoring Program	Submit a summary report of CR-related monitoring and any new DPR 523A forms as part of the monthly compliance report.	Complete
CUL-8	Construction Monitoring Program	CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)	Complete
CUL-8	Construction Monitoring Program	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	Complete
CUL-8	Construction Monitoring Program	Submit documentation of transmittals to Native American representatives following discovery of cultural material.	Complete
CUL-8	Construction Monitoring Program	Submit "discovery" responses from tribes.	Complete
CUL-9	Authority to Halt Construction; Treatment of Discoveries	If cultural material is found, notify agencies (<24 hrs), Tribes (48hrs, as appropriate); submit a DPR 523 form; treat find in accordance with CRMMP.	Complete
CUL-10	WEAP - Cultural Considerations	Implement CRMMP when within 30meters of these sites.	Complete
CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete.	Complete
CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete. Phase II	Complete

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CUL-11	Data Recovery for Large sites	Submit letter report of data recovery.	Complete
CUL-11	Data Recovery for Large sites	Submit letter report of data recovery. Phase II	Complete
CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Implement CRMMP within 30 meters of these sites.	Complete
CUL-18	Compliance with BLN Programmatic Agreement	Comply with BLM Programmatic Agreement.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CVGB within 10 miles of the site. Update trend plots and statistical analyses, as data is available.	Complete
Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Notify owners within one month of CPM approving compensation analysis.	Complete
Soil & Water-3	Groundwater Well Impact Compensation	Notify all owners of the impacted wells within one month of the CPM approval of the compensation analysis for increase energy costs.	Complete
Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation agreement letters signed by the well owners, and contact information for landowners that do not agree with calculations.	Complete
Soil & Water-3	Groundwater Well Impact Compensation	Submit all documentation and calculations r.e. compensation for energy costs associated with additional lift requirements.	Complete
Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit two copies of any proposed well permit changes.	Complete
Soil & Water-5	Construction and Operation Water Use	GW use during construction must not exceed an annual average of 1,368 afy.	Complete
Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit quarterly reports presenting data and comparison to thresholds beginning 3 months following GW production.	Complete
Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit a 5-yr monitoring report summarizing findings to date.	Complete
TRANS-2	Vehicle Weight Limits	Retain copies of transportation permits and supporting documentation on-site for inspection if requested.	Complete
TRANS-3	Public ROW Encroachment	Retain copies of encroachment permits onsite for inspection for at least six months after the start of commercial operation.	Complete
TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	Complete
TLSN-2	Pre- and Post- Energization Measurements	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM that permanent lighting is installed and ready for inspection.	Complete
VIS-2	Temporary and Permanent Exterior Lighting	If after inspection lighting modifications are needed, notify CPM that modifications are complete.	Complete

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WASTE-1	Contaminated Soil Assessment and Remediation	If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM.	Complete
WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.	Complete
WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	Notify the CPM of the CBO's approval of replacement inspector.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	If the special inspector is reassigned or replaced, submit resume of replacement to CBO.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	Special inspectors submit inspection reports to the CBO and RE.	Complete
GEN-6	Special Inspector(s) - Staff Assignment	The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.	Complete
GEN-7	Facility Design Discrepancy Documentation	If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.	Complete
GEN-7	Facility Design Discrepancy Documentation	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.	Complete
GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with a full set of electronic plans.	Complete
CIVIL-2	RE Stop Work Authority and Notification	Submit modified plans to the CBO for review and approval based on these new conditions.	Complete
CIVIL-2	RE Stop Work Authority and Notification	Submit CBO approval of modified plans to CPM.	Complete
CIVIL-2	RE Stop Work Authority and Notification	RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.	Complete
CIVIL-3	CBO Inspection of 2007 CBC Compliance	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	Complete
CIVIL-3	CBO Inspection of 2007 CBC Compliance	RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.	Complete
STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	If NCR is disapproved the project owner shall notify the CPM within 5 days, the reason for the disapproval	Complete
STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	The project Owner shall transmit a copy of the CBP's Approval or disapproval of the NCR corrective Action To the CPM within 15 days	Complete
STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	Submit a copy of the NCR corrective action to the CBO and the CPM.	Complete

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STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.	Complete
MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Request CBO inspection of any such major piping or plumbing system.	Complete
PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	Complete
PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	Complete
PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	Complete
PAL-3	Paleontological Resources Monitoring and Mitigation Plan	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	Complete
PAL-4	Paleontological WEAP	If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.	Complete
PAL-4	Paleontological WEAP	Submit resume of any alternative paleo trainer (if applicable).	Complete
PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any significant paleo resource encountered.	Complete
PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	Complete
PAL-5	PRS Monitoring and Stop Work Authority	Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.	Complete
PAL-6	Paleontological Resource Curation	Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.	Complete
PAL-6	Paleontological Resource Curation	Submit copy of letter to curating institution - if fossils found.	Complete
PAL-6	Paleontological Resource Curation	Ensure proper implementation of curation procedures according to the PRMMP Pay fees for curation of paleo materials. Submit letter of materials transmittal to the curation facility to CPM.	Complete
TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	Notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Complete
TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	If an engineer is reassigned or replaced, submit resume of replacement.	Complete
TSE-3	Design Discrepancy Submittals	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work that has undergone CBO design review and approval. Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Complete

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TSE-3	Design Discrepancy Submittals	If resolution is disapproved, advise the CPM the reason for the disapproval, along with the revised corrective action required to obtain the CBO's approval.	Complete
AQ-23	Operating Time Restrictions - Cooling Towers	N/A	Deleted
AQ-23	Operating Time Restrictions - Cooling Towers	N/A	Deleted
BIO-25		DELETED	Deleted
BIO-26		DELETED	Deleted
Soil & Water-18	Water Policy Compliance Water Supply Plan	DELETED	Deleted
VIS-3	Tline setback from I-10	DELETED	Deleted
WASTE-8	Reuse/Recycling Plan	DELETED	Deleted