DOCKETED				
Docket Number:	09-AFC-05C			
Project Title:	Abengoa Mojave Compliance			
TN #:	232298			
Document Title:	COMPLIANCE7-03-00, Mojave Solar Project 2019 Annual Compliance Report (09-AFC-5C) 7,1			
Description:	COMPLIANCE7-03-00, Mojave Solar Project 2019 Annual Compliance Report (09-AFC-5C) part 7,1			
Filer:	Jose Manuel Bravo Romero			
Organization:	Mojave Solar Project			
Submitter Role:	Applicant			
Submission Date:	3/4/2020 9:19:34 AM			
Docketed Date:	3/4/2020			



42134 Harper Lake Road Hinkley, California 92347 Phone: 760 308 0400

SUBMITTED ELECTRONICALLY

Subject: 09-AFC-5C Condition Number: Compliance 7

Description: Mojave Solar Project 2019 Annual Compliance Report

Submittal Number: COMPLIANCE7-03-00

Distribution: Keith Winstead, CEC; Kara Harris, US DOE; Dr.

Sharma Shankar CDFW; Ray Bransfield, USFWS;

Thomas Dietsch, USFWS

February 27, 2020

Keith Winstead Compliance Project Manager California Energy Commission 1516 Ninth Street, MS-2000 Sacramento, CA 95814 keith.winstead@energy.ca.gov

Dear Mr. Winstead,

The attached Mojave Solar Project 2019 Annual Compliance Report (09-AFC-5C) is submitted for your review as part of the ongoing reporting required by the California Energy Commission's Conditions of Certification for the Mojave Solar Project.

Sincerely,

Jose Manuel Bravo Romero Manager Compliance, Permitting, Quality and Environment Department

ASI Operations LLC

Mojave Solar Project

42134 Harper Lake Rd Hinkley, CA 92347 (303) 378-7302 jmanuel.bravo@atlanticayield.com

Attachment: 09-AFC-5C Mojave Solar Project 2019 Annual Compliance Report.

09-AFC-5C Mojave Solar Project Annual Compliance Report 2019 reporting period



Prepared by:

AS Industrial Operations LLC.

for

Mojave Solar LLC

42134 Harper Lake Road Hinkley, California 92347



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix O

2019 SOIL&WATER-3 Annual channel maintenance training and maintenance records

Mojave Solar Project
Annual Compliance Report
San Bernardino County, California

2019 Reporting Period

POST CONSTRUCTION STORMWATER BMP ANNUAL MAINTENANCE REPORT Post-Construction Inspection and Maintenance Report Form

A. GENERAL INFORMATION. Please fill out only one report form per site. (Fill out <u>All information</u>)

<u>DATE 2/27/2020</u> <u>REPORTING YEAR: 2019</u> <u>Job #:</u> 6B36NNA000226- 17

Project Name (i.e. Subdivision Name, Store Name): Mojave Solar Project	Physical Address/Location of BMP: 42134 Harper Lake Road. Hinkley California 9234
Property Owner Name: Mojave Solar LLC	Property Owner Mailing Address:
Is this a new owner? (YES) (NO)	42134 Harper Lake Road. Hinkley California 92347
Property Owner E-mail Address: Emiliano Garcia Sanz emiliano.garcia@abengoayield.com jmanuel.bravo@atlanticayield.com	Property Owner Telephone Number: (760) 308-0400
Maintenance Contact Person/Inspector Name: Jose Manuel Bravo Romero	Maintenance Contact/Inspector Telephone Number: (760) 308-2601
Compliance Q&E Manager, (QSP)	
Maintenance Contact/Inspector E-mail address: jmanuel.bravo@atlanticayield.com	

B. INSPECTION CHECKLIST & BMP SUMMARY TABLE. Please attach a copy of the most recent inspection form/checklist. If the system is a proprietary system, the manufacturer's inspection checklist should be obtained from the manufacturer for use.

Fill-in the actual number of BMP devices on the table below. Attach color photos as appropriate, to show condition of each BMP.

Use of these inspection checklists does not exempt BMP owners from design and maintenance requirements specified in the Channel Maintenance plan, SWPPP, DESCP, Grading and Drainage plans and Channel plans.

BMP Device Type	Number per Site	BMP Device Type	Number per Site
Bioretention	None	Other (Specify)	
Filter	None	Other (Specify)	
Detention/Retention Basin or Pond Evaporation ponds	4	Other (Specify)	
Solar Field retention basins	282 / site		
Open Channel (Swales) Main storm water channel	2	Other (Specify)	

C. MAJOR MAINTENANCE & CORRECTIVE ACTIONS SUMMARY. Please complete the table below summarizing major maintenance activities conducted and any corrective actions taken.

Date Completed	Deficiency Observed Needing Correction	Corrective Action/Maintenance Activity Completed

D. SITE PHOTOGRAPHS. Please attach photographs showing current condition of BMPs on site. One panoramic view of the site and one close-up photo of each area are sufficient.

See attachement, part of the ACR's appendix O

Weekly inspections also included on the same appendix.



Mojave Solar LLC

Sign-in Log - Training Register

Date:	12	20	2019						
Start Time:	10	00		End Time:	and the control of any control of the control of th				
Location /Project:	Location /Project: Alpha Training Room								
Instructor/s:	Instructor/s: Jose Manuel Bravo								
Topic/s: Maintenance Channel Training 2019									
Delivered material:	Pres	enta	tion						

Participants

No.	Full name	Signature	Department/Company
1.	JESSE MAXEY	Stop	SF.
2.	Kirk Bullock	Keth Bullook	SF.
3,	BACHARA POINTS	Holel 200	5F
4.	Giustel Rivera 4160	9	SF
5.	Arlene Garcia		3F
6. 7.	Kirk Bullock Richard Peints Giustel Rivera 440 Arlane Garca Hector Padilla		\$ <i>\int</i>
8.			
9.			
10.			
11.		Park in the second time of the s	
12.			
13.		to LL Care Lane	
14. 15			
16.		-	
17.			
18.			
19.			
20.			
21.		(see (year)	
22.			

Maintenance Order

Order N:	5584484
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	01/18/2019	Ordered	d By:				
Functional Location:	MSPA-SFD Alpha Solar	Field					
Equipment:		Tag#:					
Description:	SFD022 Alpha	PM Acti	vity:	S27	Predicti	ve / Prev	/entive
SFD022 Alpha Reter							
0.1	Work observations, w	<u>orkplace</u>	sec	urity	measur	es	
Please Si	ce affectments						
'							
Priority:			To b	e do			e maintenance
Execution PM Order:					Įb	rder (Sol	ar US)
Completion date:	1-31-19	Tob	e do	one b	v:	Sola	ar Field
		_		cente	~	, MS	SPSFD
Hours spent:	17		Sign	natur	e: 4e	cter &	Padilla
Spares Ope inventory	eration Description						Quantity Unit
Operation description	on:	The	o.T.		Real T	. Start	To be done by:
	Safety and Prerequisites		0,5	H			1
1.0 Job Safety	Joh Cofety Dair-Gran						
b. Review JHA	-Job Safety Briefing.						
c. Wear all req	uired and appropriate PP	E.					
2.0 Prerequisites	owing Procedures: use						
monthly operation	stormwater run off contro	ol					
inspection form.							
3.0 Obtain Approve			C D				
a. Inspect for a	4.1 Inspection for erosion erosion and sedimentation	n:	6,0	Н			
spot check of gradit	ng (depth and slope)						
b. Inspection of							
0030 - Solar Field - Housekeeping	Completion and		0,5	Н	1	- 00	en en g
	ons of Work Completion				-	بالا كر	the med
6.0 Housekeeping		_					
the job site have be	nt or materials brought t en removed. Leave area	in a					
				2	V		

Maintenance Order Page 2 from 3

Order N:	5584484
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.	Real T. Start	To be done by:
Operation description: cleaner condition than when you arrived.			
		-	-
AV North Control			
1			
End PM Order:			

Acceptance date: 1-31-2019 Accepted by: Colenn Gazou

Position:

Signature: Illenn Hone

Observations:

Mojave Solar LLC

Operator: Hector	Padilla	Date: /-30-/8	
Shift: B		Plant: Alpha	

Collector	Header 5kid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sund Accumulation	Wind and/or Water Soil Erosion	Comments
1A-2D						No	Yes	
3A-4D						NO	Yes	
5A-6D						20	Yes	
7A-8D						20	Yes	
9A-10D						No	405	
11A-12D						NO	Yes	Dried Vegetation
134140	+					ano	Yes	Dried Vegetation
15A 167						20	Yes	Dried Vegetation
17A-18D	-					20	Yes	Dried Vegetation
19A-20D						NO	Yes	Dried Vegetation
214-220						20	Yes	Dried Vegetation
23A-243						No	Yes	Dried Vegetation
25A-260						20	Yes	Dried Vegetation
27A-280	-					NO	Yes	Dried Vegetation
29A-300						NO	Yes	Dried Vegetation
31A-327						NO	Yes	
334-350						20	Yes	Died Vegetatio
35A.34	1			-		NO	Yes	

Mojave Solar LLC

Operator:	Date:	
Shift:	Plant:	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
37A-360						20	Yes	-
394 401	1					NO	425	
41A-42D						NO	Yes	
43A-440						No	Yes	
450.460						20	Yes	Dried Vegetation
47A-480						NO	Yes	Dried Vegetation
49A-50D						www.	Yes	Dried Vegetation
5 IA · 520						NO	Yes	
53A-54D						NO	Yes	
55A-567						No	Yes	Dried Vegetation Dried Vegetation
57A-58D			-		_	10	Y.es	Dried Vegetation
59A-60D					-	NO	Yes	Dried Vegetation
61A-62D						20	Yes	
43 A-40						NO	Yes	
65 A. 66D					-	NO	Yes	Dried Vegetation
67A-68D						No	Yes	Bried Vegetation
93440	-					No	Yes	V .
95A960						NO	Yes	

Mojave Solar LLC

Operator:	Date:
Shift:	Plant:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
97A.98D						20	405	
99A-100D						NO-	Yes	Dried Vegetation
101A-102D						NO	Yes	
1034-1040						20	Yes	
105A-106						No	Yes	
167A 108D						No	Yes	
1094-1100						٥٠٠٠	Yes	<u></u>
LILA-112D						NO	Yes	Dried Vegetation
							i	
			· · · · · · · · · · · · · · · · · · ·					
								
	:							
				_				

Mojave Solar LLC

Operator:	Date:
Shift:	Plant:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
10-24	-					No	Yes	
3E-4 H						NO	Yes	
5E-6 H						NO	Yes	Dried Vegetation
7E-8H						No	Yes	
9 E-10 H			2/4			NO	Yes	
11 E-12 H						NO	Yes	
13 E-14 H						0 لمالا	405	-
15E-16 H						\sim 0	Pes	Dried Vogetation
178-184						NO	Yes	
19 €-20 4						NO	Yes	
215-2214						Yes	Yes	Dired Vegetation
23E-24 H					· · · · · · · · · · · · · · · · · · ·	Yes	Yes	_
25 E-26 H						Yes	Yes	
27E-28H				<u> </u>		Yes	Yes	Dried Vegetation
29E-30H						Yes	Yes	Dried Vegetation
316-324						Yes	Yes	Dried Vegetation
33 E-34 H						Yes	1 65	
35 €-36/4						Yes	Yes	

Mojave Solar LLC

Operator:	Date:
Shift:	Plant:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Yalves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion	Comments
37E-38H					<u> </u>	Yes	Yes.	Dried Vegetation
39E-40H						Yes	Yes	Dried Vegetation
41E-42H					(= 3)	Yes	Yes	
43E-44 H						Yes	Yes	Dried Vegetation
45E-46H						Yes	Yes	Dried Vegetation
47E-48H	<u> </u>					-425	Yes	Driet Vegetation
49E-56H						W. 4 es	Yes	Dried Vegetation
51e-52H						Yes	Yes	Dried Vegetation
53E-54#						Yes	Yes	
55 E-5CH						4es	Yes.	Dried Vegetation
57E-58H		<u> </u>				Yes	105	-
59E-60H						1.25	Ves	
61E-62H						Yes	Yes	
63E-64H						Yes	Yes	
65E-66 H						Yes	405	Dried Vegetation
67E-68 H						φ_{es}	4es	<u> </u>
69E-70H						N-6	Yes	
71E-72H						~0	(e.5	

Mojave Solar LLC

Operator:	Date:
Shift:	Plant:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
73E-74H						NO	Yes	
75E.76H						NO	Yes	Dried Vegetation
77 E-78-H	<u> </u>					NO	Yes	Dried Vegetation
79E-80H						NO	Yes	Dried Vegeletion
81 E-8214	-					20-	45	Dired Vegetation
83E-84H						NO	Yes	3.
85E-86H						Yes	Yes	Dried Vegetation
87E-88H						Yes	Yes	Dried Vegetation
89E-90H						4es	Yes	
91E-92H						Yes	Yes	Dried Vegetation
ISLE-102H	-					NO	Yes	
1036-1041						No	Yes	Ditel Vegetation
105E-106H						No	Yes	
1078-1084						No	Yes	
1096-110/4						NO	Yes	Dried Vegetation
11 (6-1124)						20	Yes	Dried Vegetation
113 <i>6-1</i> 144						~0	40	Dried Vegetation
115 6-116 1						NO	Yes	Diel Vgetelian

Mojave Solar LLC

Operator:	Date:
Shift:	Plant:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lisbr(cation Bearings	Sand Accumulation	Wind and/or Water Soll Erosion Company	Comments
1176-1184						NO	Yes	
1198-1204						NO	Yes	
121E-122H						No	40	
123E-12414						20	Yes -	
125€-126H						NO	Yes	
1276-1284						NO	40	
1298 130A						٥٠٨٧	Pes	~
131E-132H						20	Yes	
1336-1344						NO	Yes	
135 E+13614						20	Yes	
137E-138H			· - · -			20	Yes	
139E-140H						No	Yes	Dried Vegetation
1416-1424						No	Yes	Dired Vigetation
143E-144H	\					NO	Yes.	Dried Vesetation
1458-1464						20	Yes	Dried Vigetalian
1476-1484						NO	Yes	Dried Vagetation
149 t-150 H						NO	Yes	Dried Vegetation
151 E-1521						NO	Yes	Diel Vegetation

vioja e Solar LLE

Operator:	Date:
	Plant:

Collector	Header Skid	OR Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
153E-134	. —					NO	Yes	Die & Vegetation
155 €-15CH						NO	Yes	Dried Vegetation
157E-158H						NO	Yes	Dried Vegetation
159€-160#						NO	Yes	Dried Vegetation
IGIE-1G2H			-		10	NO-	Yes	Dried Vegetation
163E-164#						NO	40	Dried Vegetation
165E-166H						UMU	Yes	Dores Vegetation
1676-168 H						NO	Yes !	Direct Veget ctum
1698-1701						20	Yes	Dired Visitation
1716-1721						NO	Yes	Dried Vesetation
1738-1741		-			_ _	NO	1.05	Dried Vigetation
1756-1764	<u></u>					NO	Yes	Dried Vegetation
177 E-1784						NO	res	Dried Vegetation
179 E-180 H	-					NO	Yes.	Dored Vegetator
181 E-1824						No	Yu	Doied Vegetation
183E-184H						NO	Yes	Dried Vegelation
185E-186H						-40	Yes	Price Vigetation
1875-188A						NO	Yes	Dried Vegetation

Mojave Solar LLC

Operator:	Date:
Shift:	Plant;

Collector	Header Skid	Oll Level Switchboard	Piston Pin	Lubricating Manhal Valves	Lubification Bearings	Saind Accumulaition	Wind and/on Water Soil Eroslop	Comments
189 E-1904	-					20	Yes	
191€·192#						NO	Yes	Dried Vegetation
1936-1941	-					No	Yes	Dried Vegetation
195E-196H						NO	Yes	Dried Vegetative
197E-198A	-					NO	- Yes	
1996-2004	•					-405	Yes	Died Vegetatrun
2018-2021						rules	Yes	Dried Vegetation
			-					
					-			
	,							
	/ ·							

Maintenance Order

Order N:	5584634
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	01/17/2019	Ordered By:						
Functional Location:	MSPB-SFD Beta Solar F	ield						
Equipment:			Ta	ag#:				
Description:	SFD022 Beta	PM Activity: S27 F	Predictiv	e / Preventive				
SFD022 Beta Retent	ion Basins Insp							
Check All R sue pietures upater exosion days.	Work observations, we letention basish and check lis	e at Beta c	color	Field, Plea	is is			
Priority:		To be don		eventive mainte der (Solar US)	enance			
Execution PM Order								
Completion date:	01.31.2019	To be done by		Solar Field				
		Work cente		. MSPSFD				
Hours spent:	17. hr	Signature:						
Spares Ope inventory	eration Description		5	CUM-PERFOR				
Operation description	on:	Theo.T.	Real T.	Start To be	done by			
 Job Safety a. Perform Pre- b. Review JHA. c. Wear all requisites Obtain the following monthly operation sinspection form. Obtain Approva 	uired and appropriate PP owing Procedures: use stormwater run off contro al from Operations	bl	V					
 a. Inspect for e 	4.1 Inspection for erosion erosion and sedimentation ig (depth and slope) if vegetation	n 16,0 H n;	V	, ,				
0030 - Solar Field - (Housekeeping 5.0 Inform Operatio 6.0 Housekeeping		0,5 H o	V					

Maintenance Order

 Order N:
 5584634

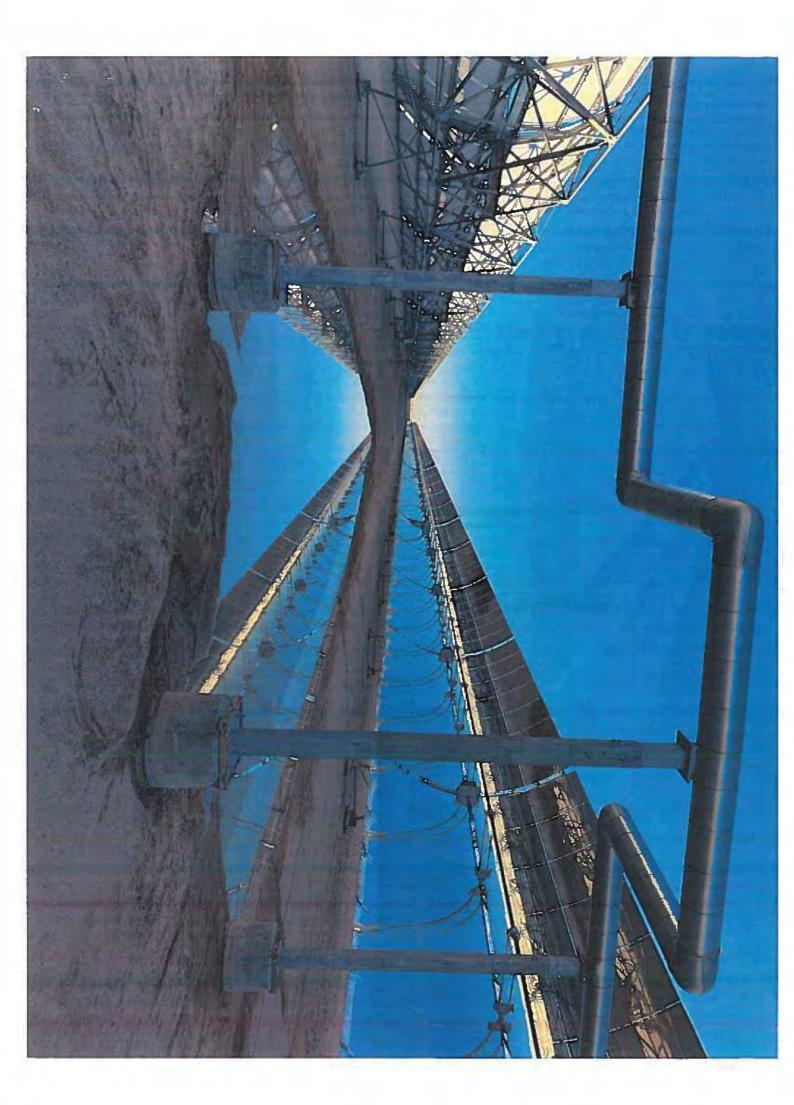
 Location:
 Mojave Solar

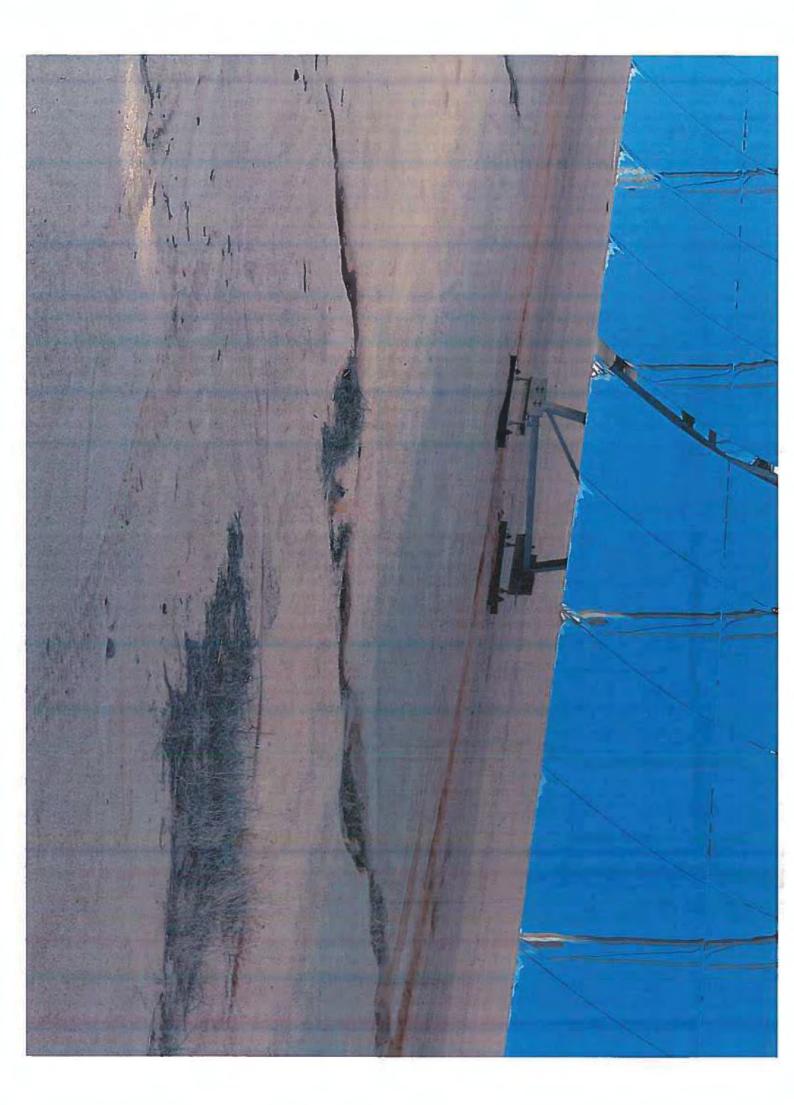
 Order type:
 ZM71

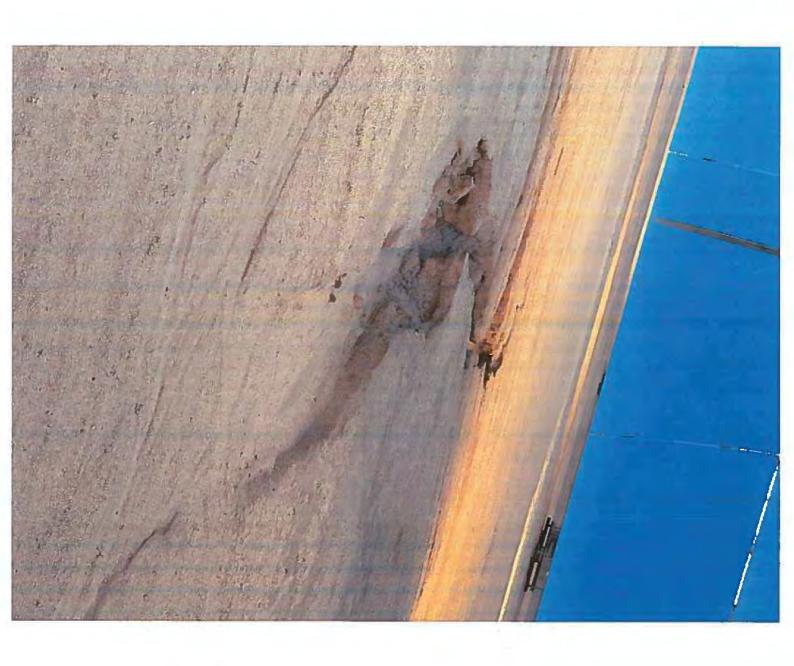
 Plant
 0680

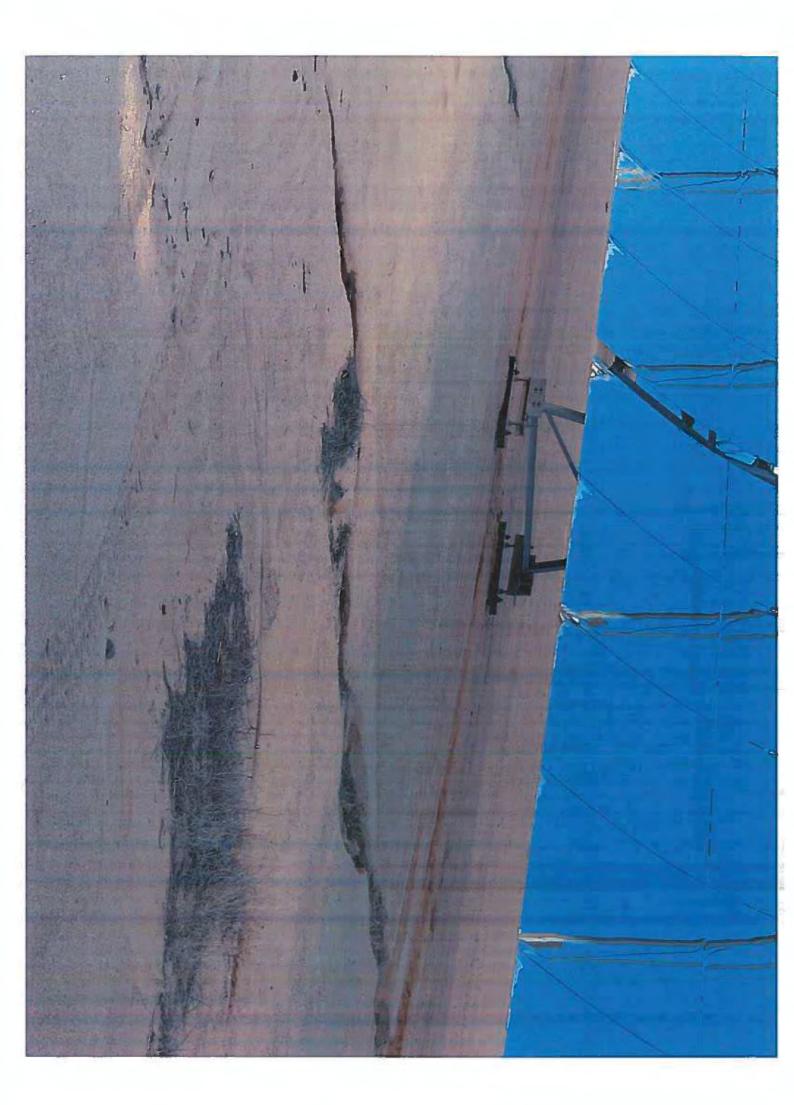
Operation description:	Theo.T.	Real T.	Start	To be done by:
Operation description: eleaner condition than when you arrived.				
Commercial Co				

Acceptance date:	1-31-2019	Accepted by:	Ekm Garen
		Position:	
		Signat	ture Alenn Heren
Observations:			









Mojave Solar LLC

Operator: 7,40	Date: 01/09/19
Shift B	Plant: Befa

Collector	Header Skid	Oil Level Switchboard	Pišton Pin	Lubricating Manual Valves	Lubrication Bearings	5and Accumulation	Wind and/or Water Soll Erosion Control	Comments
1-E						No	Yes	Dry Vegetations
1-F						Мо	Yes	71
2-E						No	Yes	1/
2-F						No	Yes	11
3-E						No	Yes	71
3-F						No	Yes	11
4-E						No	Yes	1/
4-F						Na	Yes	
5-E						No	Yes	11
5-8	4				44 50	No	Yes	11
6-E	74-					No	Yes	1/
6-F						No	Yes	1/
7-E						No	Yes	//
7-F						No	Yes	11
3-8						No	Yes	1/
B-F			1			No	Yes	1/
9.E						No	Yes	11
9-F						No	Yes	1

Mojave Solar LLC

Collector	Header 5kld	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/of Water Soil Erosion Control	Commission
10-E						No	Yes	Dry vegetations
10-F						Na	Yes	11
11-E						No	Yes	1/
11-F						No	Yes	11
12-E						Ma	Yes	11
12-F						No	Yes	11
13-E						No	Yes	ii
13-F						No	Yes	1/
14-E						No	Yes	11
14-F						No	Yes	11
15-E						No	Yes	TI TI
15-F						No	Yes	[\
16-E						No	Yes	11
16-F						No	Yes	H
17-£						No	Yes	11
17·F						No	Yes	//
18-E						No	Yes	11
18-F						No	Yes	
19-E						No	Yes	11
19-F						No	Yes	11

Mojave Solar LLC

Collector	Header Skid	Oil Level.Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Water Soll Erosion Control	Consinenta
20-€						No	Yes	Dry vegetations
2 Q -F						No	Yes	11
21-E						No	Yes	Н
21-F						No	Yes	
22-€						No	Yes	
22.F						No	Yes	
23-E						No	Yes	Dry wegetation
23-F						No	Yes	11
24-E						No	Yes	11
24-F						No	Yes	()
25-E						No	Yes	11
25-F						No	Yes	11
26-E						No	Yes	1)
26-F						No	Yes	11
27-E						No	Yes	11
27-F						No	Yes	
28-E						No	Yes	11
28-F						No	Yes	İ
29-E						No	Yes	11
29-F						No	Yes	1 i

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
30-8						No	Yes	Dry vegetations
30-F						No	Yes	11
31-E						No	Yas	11
31-F						No	Yes	1/
32-E						No	Yes	1/
32- F						No	Yes	1/
33-E						No	Yes	11
33-F						No	Yes	
34-E						Ho	Yes	1/
34-F						Но	Yes	[1
35-E						No	Yes	11
35-F						No	Yes	1/
36-E						No	Yes	И
36-F						No	Yes	11
37-€						No	Yes	II II
37-F						No	Yes	N.
38-6						No	Yes	11
38-F						No	Yes	1
39-E						No	Yes	3)
39- F						No	Yes	1)

Mojave Solar LLC

Collector	Header. Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or, Water. Soil Erosion Control	Comments
40-E			Here			Na	Yes	Dry vegetations
40-F						No	Yes	()
41-E			1			No	Yes	11
41-F						No	Yes	II
42-E						No	Yes	1/
42-F			7			No	Yes	[1
43-E						No	Yes	11
43-F						No	Yes	1/
44-E						· No	Yes	Water president when lion
44-F						No	Yes	Water present on xtention

Mojave Solar LLC

Operator:	Date	
Shift:	Rant	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion Control	Comments
1-G						No	Yes	Dry Vegetation
1-H						No	Yes	1 011
2-G						No	Yes	11
2+H						No	Yes	//
3-G						No	Yes	Ÿ.,
3-H						No	Yes	U.
4-G						No	Yes	1/
4-H		1				No	Yes	t7
5-G					1	No	Yes	11
S-H						No	Yes	11
6-G						No	Yes	1/
6-H						No	Yes	11
7-G						No	Yes	11
7-H						No	Yes	1/
8-G						No	Yes)/
8-H	,					No	Yes	1/
3-G						No	Yes	11
9-H						No	Yes	i)

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Platon Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accessulation	Wind and/or Water Soll Erosion Control	Comments
10-G						No	Yes	Dry uegatations
10-H						No	Yes	11
11-6						No	Yes	1/
11-H						No	Yes	11
12-G						No	Yes	l)
12-H						No	Yes	11
13-G						Na	Yes	11
13-H						No	Yes	11
14-G						Na	Yes	/1
14-H						No	Yes	11
15-G						Na	Yes	//
15-H						No	Yes	1/
16-G						No	Yes	//
16 - H						No	Yes	11
17-G						No	Yes	1/
17-H						No	Yes	<i>u</i>
18-G						No	Yes	11
18-H						No	Yes	ll .
19-G						No	Yes	li
19-H						No	Yes	זו

Mojave Solar LLC

Collector	Header Skid	Oil Level Switzhboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
20-G						No	Yes	Dry vegetation
20-H						No	Yes	" "
21-G						No	Yes	
21-H						No	Yes	
22-G						No	Yes	
22-H						No	Yes	
23-6						No	Yes	Dry Vegetations
23-Н						No	Yes	11
24·G						- No	Yes	4
24-14						No	Yes	1/
25-G						No	Yes	- U
25-H						No	Yes	1/
26-G						No	Yes	ft
26-H						No	Yes	[]
Z7-G						No	Yes	И
27-H						No	Yes	1
28-G						No	Yes	il
28-H						No	Yes	II.
29-G						No	Yes	1/
29-H						No	Yes	11

Mojave Solar ILC

Collector	Header Skid	Oil Level Switzhboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or, Water Soll Erosion Control	Confiments
30-G						No	Yes	Dry Veyetations
30-H						Na	Yes	1
31-G						Na	Yes	11
31-11						No	Yes	1/
32-G						No	Yes	1/
32-H						No	Yes	//
33-G						No ·	Yes	//
33-H						No	Yes	11
34-G						No	Yes	//
34-H						No	Yes	11
35-G						No	Yes	11
35.H						No	Yes	1/
36-G						Мо	Yes	11
36-H						No	Yes	11
37-G						No	Yes	11
37-H						No	Yes	Н
38-G						No	Yes	//
38-H						No	Yes	11
39-G						No	Yes	11
39-H						No	Yes	1/

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Corpinents
40-G						No	Yes	Dry Veretation
40-H						No	Yes	Dry Vegetation
41-6						No	Yes	//
41-H	8.					No	Yes	11
42-G						No	Yes	H .
42-Н						No	Yes	11
43-G						No	Yes	11
43-H						No	Yes	//
44-G						No	Yes	11
44-H						No	Yes	1/
_								
		1				<i>/</i>		
- 15								

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind arid/or Water Soil Erosion Control	Comments
45-A						No	Yes	Dry vegetations
46-A						No	Yes	1/
47-A						No	Yes	U
4B-A						No	Yes	//
49-A						No	Yes	lt
50-A						No	Yes	(/
51-A						No	Yes	11
52-A						No	Yes	1/
53-A						No	Yes	1/
54-A						Na	Yes	1/
55-A						Na	Yes	11
56-4						No	Yes	11
57-A						No	Yes	//
SB-A						No	Yes	((
59-A						No	Yes	11
60 -A						No	Yes	li
61-A						No	Yes	11
2-A						Мо	Yes	11
3-A						No	Yes	1/
64-A						No	Yes	1)

Mojave Solar LLC

Operator:	Date:	
Shift	Plant	

Collector	Hender Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Erosion Control	Convients
65-A						No	Yes	Dry Vegetateo
66-A						No	Yes	11
67-A						No	Yes	//
68-A						No	Yes	1/
69-A						No	Yes	
70-A	7					No	Yes	
71-17						No	Yes	
72 - A						No	Yes	Dry Uccetation
73-A 74^A						δίο	Yes	Dry Ungetation
74. H						No	Yes	4
75-14						No	Yes	lı .
76 A						No	Yes	1/
77-A						No	Yes	н
78 A						No	Yes	#
79-A						No	Yes	
80-A						No	Yes	
B/- A						No	Yes	
B2-A-						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Fin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
₿3-A						No	Yes	Dry venetation
84-A 85-A						No	Yes	Dry vegetations
						No	Yes	и
86-A						No	Yes	Ŋ
37-A						No	Yes	
88-A			100			No	Yes	
39-A						No	Yes	Dry ugetation
0-A						No	Yes	11
71 - A						* No	Yes	1/
32-A						No	Yes	1/
13-A						No	Yes	1/
14-A						No	Yes	11
15-A						No	Yes	1/
76 - A						No	Yes	II .
77 - A						No	Yes	4
38-A						No	Yes	· //
79 -A						No	Yes	1/
90 - A						Nο	Yes	
9/-A						No	Yes	
02-A						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Prosion Control	Comments
108-A						No	Yes	
104-A						No	Yes	
105-A						No	Yes	Dry negetations
106-A						No	Yes	"
107-A						No	Yes	11
108-A						No	Yes	4
109-A						No	Yes	//
110-A						No	Yes	11
111- A						No No	Yes	Ч
112-A						No	Yes	II .
113-A						No	Yes	1/
114-A						No	Yes	ll .
115-A						No	Yes	t _I
116-A						No	Yes	11
117-A						No	Yes	U
118-A				-2.		No	Yes	11
119-A						No	Yes	1/
120-A						No	Yes	11
121-A						No	Yes	1/
132 A						No	Yes	1/

Mojave Solar LLC

Collector	Header Skid	Oll Level Switchboard	Platon Pin	Lubricating Manual Valves	tubrication Bearings	Send. Accumulation	Wind and/or Water Sell Erosion Control	Comments
52-C						No	Yes	Dry vegetations
53°C						No	Yes	, , ,
54-C						No	Yes	1)
55-6						No	Yes	
56-C						No	Yes	
57-C						No	Yes	1/
58-C						No	Yes	U
59-C						No	Yes	11
60-C						No	Yes	
61-C						No	Yes	17
62-C						No	Yes	(1
63-(Na	Yes	L ¹
64-C						No	Yes	
65-C						No	Yes	4
66-C						No	Yes	٠
67-C						No	Yes	3'
68-1						No	Yes	14
69-C						No	Yes	i)
70 C						No	Yes	17
71-4						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Frosion Control	Comments
72-0						No	Yes	
73- C						No	Yes	
74-C						No	Yes	
75° C						No	Yes	
76°C						No	Yes	3ry vegetation
77-C						No	Yes	rl
78-C						No	Yes	()
79-C						No	Yes	11
80-C						No	Yes	
81-C						No	Yes	
82°C						No	Yes	11
83-C						No	Yes	
84-C						No	Yes	
B5-C						No	Yes	11
36°C						No	Yes	n
87-C						No	Yes	TI.
98-C						No	Yes	11
89-C						No	Yes	11
90-C					0	No	Yes	ι
91-0						No	Yes	ч

Mojave Solar LLC

Operator:	Date:	
Shift	Plant:	

Collector	Header Skid	Oil Level Switchboard	Piaton Min	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion Control	Continents
92-0						No	Yes	1.0
93-C					-	No	Yes	14
94-c						No	Yes	l(
95- C						No	Yes	1/
96-C						No	Yes	71
97- (No	Yes	//
98- (No	Yes	1)
99-C	*					No	Yes	
100 C						Na	Yes	11
101-C						No	Yes	11
1025 C						No	Yes	Ч
103-C						Na	Yes	11
104-C						Na	Yes	1)
105-C						No	Yes	1
106-C						Na	Yes	11
107-6						No	Yes)/
108-C						No	Yes	11
109-C						No	Yes	11

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
110-C						No	Yes	1)
111- C						No	Yes	Ŋ
112-C						No	Yes	()
113-C						No	Yes	l)
114-C						No	Yes	I) ,
115- (No	Yes	- 11
118-6						No	Yes	[]
119-C						Na	Yes	11
120°C						Na	Yes	Н
121°C						No	Yes	11
122-0						No	Yes	N.
123-6						No	Yes	11
124-C						No	Yes	И
125°C						No	Yes	p
126-6						No	Yes	11
127-6						No	Yes	11
128-						No	Yes	11
45-D						No	Yes	11
46-D						No	Yes	17
47.D						No	Yes	U.

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston:Pin	Lübrkating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or/Water, Solf Erosion Control	Comments
48-D						No	Yes	
49-D						No	Yes	
50-D						No	Yes	Dry vecetation
						No	Yes	Dry vegetation
51-D 52 D						No	Yes	11
53 D						No	Yes	I^{\dagger}
54-D 55-D						No	Yes	1/
						No	Yes	t [†]
56 D 57 D						No	Yes	1]
57-D						No	Yes	11
58-D				4		No	Yes	<i>I</i> !
59-D						No	Yes	t)
60-0						No	Yes	11
61-D						No	Yes	/I
620						No	Yes	11
63-D						Мо	Yes))
64 D						No	Yes	
63-D 64-D 65-D						No	Yes	
66-D						No	Yes	
67·D						No	Yes	

Mojave Solar LLC

Collector	Header Stid	Oll Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
68-D						No	Yes	Dr-1 Vegetation
(g-P)						No	Yes	11
70-D						No	Yes	1(
71-P						No	Yes	L(
72-7						No	Yes	•
73·D						No	Yes	
H-D						No	Yes	
75-D						No	Yes	1
76D 27D						No	Yes	11
7-D						No	Yes	[1]
7B-D						No	Yes	LI LI
79-D						No	Yes	
30 - D						No	Yes	Ц
31-D				1		No	Yes	
32-D						No	Yes	•
33-2						No	Yes	11
4-D						No	Yes	11
35-D						No	Yes	11
36-D						No	Yes	
7-1						No	Yes	1

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Fiston Ph	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion Control	Comments
88-5						No	Yes	Dry Vegetation
89-D						No	Yes	1
90-D						No	Yes	I.
91-P						No	Yes	it
92-D						No	Yes	11
93-D						No	Yes	U
94-D						No	Yes	
95-D						No	Yes	- []
96-D						No	Yes	V
97-D						No	Yes	N.
98-D						No	Yes	11
19-D						No	Yes	II .
00-)						No	Yes	1(
(01-10)			4			No	Yes	- 1/
(D2-D						No	Yes	The state of the s
03-D						No	Yes	15
04.D						No	Yes	Н
D5-D						No	Yes	1
06-0						No	Yes	111
D7. D						No	Yes	11

Solar Field Monthly Check List

Operator:						Dates		
Shift:						Plant		
Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication	Sand Accumulation	Wind and or, Water Soil Broskof Control	Comments
108-0						8	Yes	Dry west
(J. 601						ŧ	Yes	11 0
110-D						8	Yes	1.1
111-0						₹	Yes	VI
7-01						No	Yes	71
113-)						No.	Yes	1.1
						ð	Yes	11
115-0						8	Yes	н
116-0						₹	Yes	h
(Le1)	9					8	Yes	11
(18-)						No	Yes	•
119-0						No	Yes	
(J- OC!						No	Yes	1.1
1217						No	Yes	f)
122-1						No	Yes	
123-0						No	Yes	
124-1)						No	Yes	
(. Sci						*	Yes	

Solar Field Operator Task Description Procedure Page 1 of 10

Mojave Solar LLC

Collector	Hender Skid	Oil Level Switchboard	Pirton Pin	Lubricating Manual Valves	Lubrication Beatings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Columerity
26-1)						No	Yes	Dry Vegetation
27-0						No	Yes	ct
28-1						No	Yes	11
45-E						No	Yes	V
16-E						No	Yes	lı
47-E						No	Yes	,
18-E						No	Yes	5
19-E						No	Yes	11
30°E						No	Yes	Ч
71-R						No	Yes	-
52-E						No	Yes	
53- E						Na	Yes	/1
54-E						Na	Yes	11
55.E						No	Yes	
16-E						No	Yes	
57-E						Мо	Yes	и
B-E						Mo	Yes	-11
59-E						No	Yes	н
0-E						No	Yes	Ц
I.E						No	Yes	-11

Mojave Solar UC

Operator:	Dăte:	
Shift:	Plant	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accimulation	Wind and/or Water Soll Erosion Control	Commons
62.E						No	Yes	Dry vagatation
63-E						No	Yes	. 11
64-E			18-			No	Yes	- 11
65-E						No	Yes	1)
66-E						No	Yes	
67-E						No	Yes	
68-E						No	Yes	11
69-E 70-E						No	Yes	11
70-E						No	Yes	· ·
71- F						No	Yes	(i
72-E						No	Yes	
73-E						Мо	Yes	4
74-E 73-E						Мо	Yes	l1
75 - E						No	Yes	II.
76-E						No	Yes	1
77-E						No	Yes	
78-E						ΝD	Yes	
45-F						No	Yes	[1

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Menual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Solf Erosion Control	Comments
46- F						No	Yes	Dry vegetation
47-F						No	Yes	t ₁
48- F						No	Yes	13
49- F						No	Yes	i (
50- F						No	Yes	1(
51- F						No	Yes	
52-F						No	Yes	
53-F 54-F						No	Yes	(1
54-F						ii No	Yes	L(
55-F						Nο	Yes	
56-F						No	Yes	
57-F						No	Yes	li .
						No	Yes	
58-F 59-F						No	Yes	
60-F				1		Na	Yes	(1
61-F						No	Yes	[]
62-F						No	Yes	[]
63-F						No	Yes	(1
64-F						No	Yes	1/
6-F						No	Yes	

Mojave Solar I.LC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Eroslon Control	Comments
66-F						No	Yes	Dry ugelation
67-F						No	Yes	۲(
68 -F						No	Yes	i(
69-F						No	Yes	11
70 -F						No	Yes	t)
71 -F						No	Yes	A1
72-F						No	Yes	•
73-F						No	Yes	LV .
74-F						No	Yes	
75-F						No	Yes	,
76-F						No	Yes	Z1
77 -F						No	Yes	
78-F						No	Yes	,
45-G						No	Yes	α
46·G						No	Yes	ŧı
47-G						No	Yes	tt.
48-G						No	Yes	tr
49.G						No	Yes	Ц
50-G						No	Yes	11
51 G						No	Yes	- 11

Mojave Solar LLC

Operator:	Date:
Shift	Plant

Collector	Hender Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion Control	Comments
52-6						No	Yes	
53 -G						No	Yes	
54-G						No	Yes	
58-G						No	Yes	
56 G						No	Yeş	
\$7 G						No	Yes	
58- G						o: No	Yes	
59- G						No	Yes	
60-C						No	Yes	
61-G						No	Yes	
62-G						No	Yes	
63-6						No	Yes	
64-G						No	Yes	
65-G						No	Yes	
66-G						No	Yes	
67-6						No	Yes	
68-6						No	Yes	
69-6						No	Yes	

Mojave Solar LLC

Collector	Header Skid	OR Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
70-G						No	Yes	Dry usegotation
71-G						No	Yes	
72-6						No	Yes	
73 -G						No	Yes	1/
74-G						No	Yes	((
75-G						No	Yes	
76-G						No	Yes	
77-G						No	Yes	(1
78-G						No	Yes	[1
45-\$						No	Y≅s	N
46-14						No	Yes	ίι
17-14						No	Yes	•
13-H						No	Yes	,
49-H						No	Yes	
50 H						No	Yes	
51 - 11						No	Yes	.(
52.4						No	Yes	c)
53"H						No	Yes	Ü
54-H						No	Yes	11
56-14						No	Yes	11

Mojave Solar LI,C

Collector	Hender Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Brosion Control	Complete
57-H						No	Yes	
58-H						No	Yes	
59- H						No	Yes	
60-H						No	Yes	,
61-H						No	Yes	•
62-H						No	Yes	
63-H						No	Yes	
64-H						No	Yes	
65 4						54 € No	Yes	
67-A						No	Yes	•
68-A						No	Yes	
69-4						No	Yes	
70-11						No	Yes	
71-4						No	Yes	4
72-11						No	Yes	
75-11						No	Yes	Dry unetation
74-41						No	Yes	Dry vigetations
75 ⁻ #						No	Yes	1[
76-4						No	Yes	II .
77-#						No	Yes	11

Mojave Solar LLC

Collector	Header Skid	Oli Level Switzhboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
78-H						No	Yes	Dry vagetations
45-I						No	Yes	rl
46-I						No	Yes	()
17-1						No	Yes	
48-I						No	Yes	
49-1						No	Yes	•
50°I						No	Yes	
51-1						No	Yes	
52-1						No	Yes	(1
53- I						No	Yes	t _l
54~I						No	Yes	(I
55- <u>†</u>						No	Yes	11
56-I						No	Yes	[1
37-5						Na	Yes	11
58-I						No	Yes	П
59- I						No	Yes	I ₁
60-I						No	Yes	11
61- I						No	Yes	-11
62-I						No	Yes	11
63- I						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
82-I						No	Yes	Dry Vigetations
45-5						No	Yes	11
46-5						No	Yes	tı
47-J						No	Yes	
48-5						No	Yes	
49-5						No	Yes	
50-J						No	Yes	
51-5						No	Yes	
52-丁						No	Yes	ιſ
52-J 53-J						No	Yes	Įı .
54- J						No	Yes	tr
55-J						No	Yes	ll l
56-J						No	Yes	n
57-J						No	Yes	1/
58-J						No	Yes	11
59- J						No	Yes	l l
0-J						No	Yes	ti
61-3						No	Yes	11
62-5				DE LOV		No	Yes	1[
63-5						No	Yes	

Mojave Solar LLC

Operator:	Date;
Shift:	Plarit:

Collector	Header Skid	Oil Level Switchboard	Piston Pin	tubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/of Water Soll Erosion Control	Comments
64-I						No	Yes	
65-I						No	Yes	
66-I						No	Yes	
67-II						No	Yes	
68-I						No	Yes	
69-I						No	Yes	
70-I						No	Yes	
74-1						No	Yes	Dry wegefulion
72-I					,	No	Yes	
73-I						No	Yes	
74-I						No	Yes	
75-I 76-I						Na	Yes	
76-I						Na	Yes	
77-1			1			No	Yes	
78-5						No .	Yes	1(
79-I						No	Yes	U.
BO-I						No	Yes	IJ
81-1						No	Yes	Ŋ

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valvas	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
64-J						No	Yes	
65-J						No	Yes	
6-5						No	Yes	
;7-J						No	Yes	
7-J 8-J						No	Yes	
99-J						No	Yes	
70-5						No	Yes	
71-5						No	Yes	Dry legetotion
12.2						No	Yes	
3-T						No	Yes	
74-J						Na	Yes	
75-J						Na	Yes	
76-J						Na	Yes	
77-5						Na	Yes	
8-5						No	Yes	Ц
79-5						No	Yes	и
7-0%						No	Yes	1)
31-5						No	Yes	Н
12-5						No	Yes	11
45-K						No	Yes	11

Mojave Solar LIC

Collector	Header Skid	Oil Level Switchboard	Pirton Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
123- A						No	Yes	Dry Vegetations
124 -A						No	Yes	11
125-A						No	Yes	1/
126-A						No	Yes	c)
127-A						No	Yes	11
128-A						No	Yes	ν
45-B						No	Yes	11
46-B						No	Yes	11
47-B					La Fi	- No	Yes	()
48-B						No	Yes	11
49-B						No	Yes	1/
50-B						No	Yes	V
51-B						No	Yes	11
52-B						No	Yes	l/
53 B						No	Yes	11
54-B						No	Yes	11
55-3						No	Yes	ij –
56B						No	Yes	11
57·B						No	Yes	11
58-B						No	Yes	1

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accomulation	Wind and/or,Water Soil Erosion Control	Comments
59-B						No	Yes	Dry regetations
60 B					1	No	Yes	и
61-B						No	Yes	//
2-B						No	Yes	ll .
3-8						No	Yes	t/
64-B						No	Yes	11
65-B						No	Yes	. 11
66-B						No	Yes	1/
7.B						No	Yes	d
18-B						No	Yes	ν
19-B						No	Yes	
70-B						Na	Yes	
71~ B						No	Yes	
72-8						No	Yes	Dry Vegetation
73-13						No	Yes	1 3 1/
74-B						No	Yes	η
75- B						No	Yes	n
16.B						No	Yes	ll .
77-B						No	Yes	1/
PB B						No	Yes	Ų

Mojave Solar LLC

Operator:	Date:	
Shift:	[Ranta]	

Collector	Header Skid	Oil Leve Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Commients
79-B						No	Yes	
80-B						No	Yes	
81-B						No	Yes	
82-B						No	Yes	
83-B						No	Yes	Dry Vegetation
84-B						No	Yes	11
85-B						No	Yes	χ1
86-B						No	Yes	1/
87-B						No	Yes	
88-B						No	Yes	
89-B			L			No	Yes	
10 B						No	Yes	
91-B						No	Yes	Dry Vegetations
92-B						No	Yes	11
93-B						No	Yes	U
94-B						No	Yes	1/
95- B						No	Yes	1/
96-B	L. 40					No	Yes	V

Mojave Solar LLC

Collector	Hender Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	· Lubrication Bearings	Sand Accumulation	Wind and/or Water Self Erosion Control	Comments
96-B						No	Yes	Dry Vegetations
97-B						Mo	Yes	"
1B-B						No	Yes	ti.
19-B						Mo	Yes	//
00-B						No	Yes	
01-3	H					No	Yes	
02-B						No	Yes	
03-B						No	Yes	
04B						No	Yes	
05-B						No	Yes	Dry vegetation
06-B						No	Yes	1 9 11
107-13						Na	Yes	· · ·
108-D						No	Yes	11
09-B						No	Yes	/1
10-B						No	Yes	li .
11-B						No	Yes	Н
12 B						No	Yes	11
1BB						No	Yes	Ц
114-B						No	Yes	II.
15 B						No	Yes	-11

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Committee
16-B						No	Yes	Dry vegetation
117-13						No	Yes	11
118-B			11			Мо	Yes	11
119 -B						No	Yes	()
120-3						No	Yes	LI .
121-13						No	Yes	11
12-B						No	Yes	И
12373				221275		No	Yes	11
124-B						No	Yes	d
125-B						No	Yes	11
126'B						No	Yes	ч
127-B						No	Yes	Q
128-B						No	Yes	11
45-C						No	Yes	l]
46-C						No	Yes	11
47-C						No	Yes	V
48-C						No	Yes	
49 -C						No	Yes	
50-C						No	Yes	
51-0						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind land/or Water Soli Erosion Control	Comments
46-K 47-K 48-K						No	Yes	
47-K						No	Yes	
48-K						No	Yes	
49-K 50-K						No	Yes	
50-K						Mo	Yes	
51-K						No	Yes	
51-k 52.K						No	Yes	
53-K						No	Yes	
54-K						No	Yes	
55-K.						No	Yes	
56-K 57-K						No	Yes	
57-K						No	Yes	
那-K 51-K						No	Yes	
99-K						No	Yes	
60-K						No	Yes	
61-K						No	Yes	
62-K 63-K 64-K						No	Yes	
63-K						No	Yes	
64-K						No	Yes	
65-4						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Off Level Switchboard	Piston Pin	Lubricating Manual Valves	Exbrication Bearings	Sahti Accumulation	Wind and/or Water Soil Erosion Control	Comments
66-K						No	Yes	
67-K						No	Yes	
68-K						No	Yes	
69-K				100 3 10		No	Yes	
70-K						No	Yes	
71-K						No	Yes	
72-K						No	Yes	
73-14						No	Yes	
74-K						No	Yes	
75-K						No	Yes	
76-K						No	Yes	
77-K						No	Yes	
78-K						No	Yes	
79-K						No	Yes	
80-K						No	Yes	
31-6						No	Yes	
32-K						No	Yes	
93-K						No	Yes	
94-K						No	Yes	
95-K						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Pirton Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
96-K						No	Yes	- N
97-K						No	Yes	
98-K						No	Yes	
99-K						No	Yes	
100-K						No	Yes	
101-1						No	Yes	
102-K						No	Yes	
03-K						No	Yes	
104-K						No	Yes	
105-K						Na	Yes	
106 K						No	Yeş	
107K						No	Yes	
108·K						No	Yes	
109-K						No	Yes	
llo-K						No	Yes	
111- K						No	Yes	
12-K						No	Yes	
113-K						No	Yes	
M-K						No	Yes	
13- K						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Windlend/or Water Soil Erosion Control	Colpupents
116-K						No	Yes	
117-K						No	Yes	
118-14						No	Yes	
119-K						No	Yes	
20-K						No	Yes	
21- K						No	Yes	
2X-K						No	Yes	
23~14						No	Yes	-10-0
24 × K						No	Yes	•
125- K						No	Yes	
126-K						No	Yes	
127-K						No	Yes	
128-K						No	Yes	
45-2						No	Yes	
46-L						No	Yes	
47-L						No	Yes	
48-L						Мо	Yes	
19- L						No	Yes	
50.L						No	Yes	
51- <u>1</u>						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oll Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
52-L						No	Yes	
53-L						No	Yes	
54-L						No	Yes	
55- 2						No	Yes	
56-L						No	Yes	
57.6						No	Yes	
58-7						Mo	Yes	
59-L						Mo	Yes	_
60-L					//	^a No	Yes	
61-L						No	Yes	
62-1						No	Yes	
63-6						No	Yes	
69-L						No	Yes	
65-L						No	Yes	
66-L						No	Yes	
67-L						No	Yeş	
68-L						No	Yes	
109-L						No	Yes	7 4114
70-1						No	Yes	
71-L						No	Yes	

Mojave Solar LLC

Collector	Header Skid	Oil Lavel Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Erosion Control	Comments
72-L						No	Yes	
73-L						No	Yes	
74-L						No	Yes	
76- L						No	Yes	
76-L						No	Yes	
77-L						No	Yes	
78-1						No	Yes	
79-6						Na	Yes	
BILL						No	Yes	
82-L						No	Yes	***
97-L						Мо	Yes	
98-L						No	Yes	
99-L						No	Yes	
100-L						No	Yes	
01-L						No	Yes	
102-L						No	Yes	
103-L						No	Yes	
104-L						No	Yes	
105-L						No	Yes	
106-L						No	Yes	

Mojave Solar LLC

Operator:	Date:	
Shift:	Plant	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Dearings	Sand Accumulation	Wind and/or, Water Soil Erosion Control	Comments
107-4						No	Yes	
108- L						No	Yes	
109-6						No	Yes	
110 -L						No	Yes	
111-1						No	Yes	
112-6						No	Yes	
113 L						No	Yes	
114 -L						No	Yes	
115 L						No	Yes	
116-L						No	Yes	
117-L						No	Yes	
118-L						No	Yes	***
119 -L						No	Yes	
120-L						No	Yes	
121-L						No	Yes	
122-L						No	Yes	
123 -L						No	Yes	
124- L						No	Yes	

Maintenance Order

Order N:	5586535
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	03/02/2019	Ordered By:						
Functional Location:	MSPB-SFD Beta Solar Fi	eld						
Equipment:			Tag#:					
Description:	SFD022 Beta	PM Activity: S27 Predictive / Preventive						
SFD022 Beta Retenti	ion Basins Insp							
	Work observations, wo	orkplace security m	neasures					
Priority:		To be done	e in: Preventive maintenance					
			order (Solar US)					
Execution PM Order:	200	+						
Completion date:	309 19	To be done by						
<u> </u>	-	Work center						
Hours spent:	17 HOURS	Signature						
	ration Description		Quantity Unit					
inventory		-1 -	Builting Charles Talker Land					
Operation description		Theo.T.	Real T. Start To be done b	y:				
	Safety and Prerequisites	0.5 H	SCOMPLETED	1				
1.0 Job Safety	Job Safety Briefing.			Y				
b. Review JHA.	TTT DUTTY DITTING			I				
	uired and appropriate PPI	E.						
2.0 Prerequisites	wine Decembers	0						
monthly operation of	owing Procedures: use tormwater run off contro	1 KWrois A	2 m	1				
inspection form.	COMMUNICATION CONTROL	()		J				
3.0 Obtain Approva	I from Operations							
0020 - Solar Field - 4	4.1 Inspection for erosion	16.0 H						
 a. Inspect for e 	rosion and sedimentation	η;		Ŋ				
spot check of gradin	ig (depth and slope)							
b. Inspection o		05 11						
0030 - Solar Field - (Housekeeping	completion and	0.5 H						
5.0 Inform Operatio	ns of Work Completion							
6.0 Housekeeping				N				
Insure any equipmen	nt or materials brought to)		14				
the job site have bee	en removed. Leave area i	n a		-				
	• • •							

Maintenance Order Page 2 from 2

Order N:	5586535
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.	Real T. Start	To be done by
11.			

cleaner condition than when you arrived.

Erosion along the north of south access streets is very minimal due to the recent grading done throughout all of beta solar field.

Erosion is still present in between modules and at Drive pylons.

Sand accumulations is visible throughout all basins due to high winds and rain waship.

Acceptance date:	3-9-2019	Accepted by:	Glenn	Caren
		Position:		
		Sigr	nature:	. Home
Observations:				

Maintenance Order Page 1 from 3

Order N:	5586536
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date;	03/02/2019	Ordere	d By:						
Functional Location:	MSPA-SFD Alpha Solar I	Field							
Equipment:						Tac	j#:		
Description:	PM Act	ivity:	527 F	redic	tive	/ Pre	ventive		
SFD022 Alpha Reter	ntion Basins Insp		0.33	-					
	Work observations, wo	rkplace	secu	rity r	neası	ıres			
Priority:		-	To be	e don	e in:			e maintena	nce
	the state of					ord	er (So	lar US)	
Execution PM Order: Completion date:	372019	To h	e do	no bi	-		Cal	ar Field	
Completion date.	3/7/2019		ork c			11		SPSED	
Hours spent:	17 hours	**		ature		1	2	000	
	eration Description		5.9		-	1	-	Quantity U	nit
inventory					-			Qualitity o	
Operation description		The	eo.T.		Real	T.	Start	To be do	ne by:
0010 - Solar Field -	Safety and Prerequisites		0,5	H					
1.0 Job Safety	-Job Safety Briefing.								
b. Review JHA									
c. Wear all req	1						PLETED		
2.0 Prerequisites	owing Procedures: use								100
monthly operation	stormwater run off contro	Page 1							
inspection form.									
3.0 Obtain Approva		1 -1 -							- 1
0020 - Solar Field -	4.1 Inspection for erosion erosion and sedimentation		16,0	н					
	ng (depth and slope)	,							
b. Inspection of	of vegetation								
0030 - Solar Field -	Completion and		0,5	H					
Housekeeping	ons of Work Completion								
6.0 Housekeeping									
Insure any equipme	ent or materials brought to en removed. Leave area i								
the job site have be	en removed. Leave area i	па							
				1000					

Order N:	5586536
Location:	_Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.	Real T. Sta	rt To be done by:	
cleaner condition than when you arrived.				
		_		
		, ,		
11 0 . 2/1	10 3	2/2/10		
Manny garaia - 3/6	19 7	3/1/	7	
1 (8 1		-1 - 4	(Athmonica)	
1-68 N side of	acce SS	OTTER!	Cillinosday	
Erosion is present streets at entry through out. 1-685 side of	f thro	ough out	t all	
streets at entry	of bee	in. Sou	el accumulat	, 16
through out.				
1-68 D side of	acces	2	, ,	
has deep erosion	7 at-	entry a	f basin	
has deep erosion by concrete found	ation of	gif vá	e loop	
Supports.	•			
300000.			_ `	1
1-92 South Side	access	strelt.	(Ethrough H)
1 12 80000	المرمزية بما	due to	wind	
Heavy sand accum	- 1		1.4	۰.
and Hall Dowsh up	, Sand	15 ben	a accompany	حا.
of bosins of bosins of	y the c	onchere	Tourdactions	
tor Loop pipe support	2 and	inrove	Jn 007-	
all of basin.				
1-92 North side a	ccess			
Deen emprion & resert	+ throw	igh out	due to	
rain season that I	s still	in effe	ct.	
	_		:	

Acceptance date:	3-7-2019	Accepted by:	Blenn Garen
		Position:	
		Signa	ture allem about
Observations:		7	
Oosel valions.			

Maintenance Order Page 3 from 3

Order N:	5586536
Location:	Mojave Solar
Order type:	ZM71
Plant	0680

Related Equipments

Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field
Sand a	ccumulation	Alpha Solar Field de access street (Athrough D) due to wind & rain
H cha	worth a y on oda nnel.	side access-Deep erosion d number streets on
Erosion Streets Through 101-202 Sand an higher hi foundath	is deep of on E cho art all b South sounds are sinds are sions that	n side access street on all edd number annel. Sand accumulation basins. side access street. on is heavy due to bund most concrete hold the supports for opresent.



		- marking day			1-					
Operator: M	anny C	larcia	Date:	3	6	19-	31	17/	10	
Shift:	7	J	Plant	19	1901	201	- 1	1		

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Erosion Control	Comments
111-1124							Enson	
141-1424								
143-1444								
71-17264							_	Deves VESTIMION
1-1824								Emmon
9-200-4								Erosion
-2024		:						Sord accomplation cored by we
~184E								Ension
2-184€								Erosion
174E								Erosian
-164 E							/_	Erosion
2-160E								Erosion
1475								Eroson
139E 50								Ension
137E5N								Enosion
135E51)							Erosion
135E5N 127E 5N	J							Frogion
125F 51	,						~	Erosin



Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
1014								Erosion
994								Erosion Erosion
97A								
954								
934								
7-81	<i>5</i> 5)							
9-10D(<u>53)</u>						~	
1-1200	(55)						/	
3.4X	5.5)							\$4.00
5.1600	53)							14794
7-1850	35				- inde			
2.2000	53)							
1-2201	53)							
4226	ری							
2-284	5N)							
5.266	5N)							
12 65	w)_							
-8 63	W)							
							-	

Order N:	5589801
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Start PM Order	04/07/2010	O-JJ D.	7			
Rel.PM Order Date:	04/07/2019	Ordered By	2			
Functional Location:	MSPA-SFD Alpha Solar	riela		-	لتفيين	
Equipment	CEDO22 AL-L-	DNA A salistana	C07		ag#:	iocativo.
Description:	SFD022 Alpha	PM Activity	527	Predictiv	/e / Prev	/entive
SFD022 Alpha Reter						
	Work observations, w	<u>orkplace sec</u>	urity	measure	25	
	-					
Priority:		То	oe do	ne in: Pr	eventive	e maintenance
					der (Sol	
Execution PM Order:						
Completion date:	4-10-19	To be do			Sola	ar Field
		Work	cente	er. //	1/1/19	PSFD/
Hours spent:	90	Sig	natui	e huy	- De	lock
Spares Ope inventory	eration Description			/ /		Quantity Unit
Operation description	on:	Theo.T.		Real T.	Start	To be done by:
0010 - Solar Field -	Safety and Prerequisites	0,5	Н	1		*
1.0 Job Safety						
a. Perform Pre	-Job Safety Briefing.					
b. Review JHA.	uired and appropriate PP	F				
2.0 Prerequisites	anca ana appropriate i i					
Obtain the follo	owing Procedures: use					
monthly operation :	stormwater run off contro	of				
inspection form.	d from Oppositions					
3.0 Obtain Approva		160	111			
a Inspect for a	4.1 Inspection for erosion erosion and sedimentation	16,0	IT.			
spot check of gradin						
b. Inspection of	of vegetation					
0030 - Solar Field -	C. Santa and C. Carlotta and C	0,5	H			
Housekeeping	F164 6 77 4					
	ons of Work Completion			-	- MAN	ाना हत्त्व
6.0 Housekeeping	nt or materials brought t					IPLETED
	en removed. Leave area					

Order N:	5589801
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.	Real T.	Start	To be done by:
cleaner condition than when you arrived.			-	
cleaner condition than when you arrived.				

			No.	
1				
1				
T I				
				(
				(
COMPLETED				1
End DM Order				

Acceptance date:	4-10-	 ccepted by: osition:	Blenn	Garen
Observations:		Signa	ture: Alen	modern

Order N:	5589801
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Related Equipments

Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field
Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field

Order N:	5589828
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	04/08/2019	Ordered By:
Functional Location:	MSPB-SFD Beta Solar F	ield
Equipment:		Tag#:
Description:	SFD022 Beta	PM Activity: S27 Predictive / Preventive
SFD022 Beta Retent	ion Basins Insp	
		orkplace security measures
01 -		
Please 3	ce attachm	ent
Priority:		To be done in: Preventive maintenance
· none,		order (Solar US)
Execution PM Order		
Completion date:	19 4-13-19	To be done by: Solar Field
		Work center: MSPSFD
Hours spent:	17hes	Signature: Heaton Padella
Spares Ope Inventory	eration Description	Quantity Unit
Operation description		Theo.T. Real T. Start To be done by:
0010 - Solar Field -	Safety and Prerequisites	0,5 H
1.0 Job Safety	-Job Safety Briefing.	
b. Review JHA.	-500 Salety briefling.	
c. Wear all req	uired and appropriate PP	E.
2.0 Prerequisites		
monthly operation of	owing Procedures: use stormwater run off contro	
inspection form.	stolling tel tull oil collic	,,
3.0 Obtain Approva	I from Operations	
0020 - Solar Field -	4.1 Inspection for erosion	16,0 H
	erosion and sedimentatio	n;
b. Inspection of	ng (depth and slope)	
0030 - Solar Field -	The state of the s	0,5 H
Housekeeping	completion and	0,5 11
5.0 Inform Operation	ons of Work Completion	
6.0 Housekeeping	a	
Insure any equipme	nt or materials brought t en removed. Leave area	0
are job site nave be	CITICINOTEG, LEGITE GIEG	111 0

Order N:	5589828
Location:	Mojave Solar
Order type:	ZM71
Plant	0680

meint heat

Signature: Cong Gorolla

Operation description: Theo.T. Real T. Start To be done by: Ideaner condition than when you arrived. Ind PM Order: Ind PM	Operation description:	Theo.T.	Real T. Star	t To be done by:
ind PM Order:	gleaner condition than when you arrived.			
nd PM Order: (cceptance date: Accepted by:				
nd PM Order: (cceptance date: Accepted by:				
nd PM Order: tcceptance date: Accepted by:			1	
nd PM Order: ucceptance date: Accepted by:				
nd PM Order: tcceptance date: Accepted by:				
nd PM Order: cceptance date: Accepted by:				
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nd PM Order: ucceptance date: Accepted by:				
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and PM Order: Acceptance date: Accepted by:				
Acceptance date: Accepted by:	End PM Order:			
	Acceptance date: Acc	cepted by:		

Position:

Observations:



Refertion Solar Field Monday Check List

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion Comment	Comments
45A-4GD						NO	Ve	Vegetation
47A-48D						20	Yes	Vegetation
49A-50D						~0	Yes	Vegetation
51A-52D						NO	Yer	Vigitation
53A-540						No	Ye	Vegetation
554-54D						NO	Yes	Vegetatou
574-58D		-				20	Yes	Vigetation
59A-40D						NO	Yes	Vey.
GIA-620						No	Ves	Veg.
43A-64D						~0	Yes	Veg
45A-66D					 _	No	4.5	Veg
47A-680						NO	40	Vig
(94 70D						No	Yes.	Veg
7/A-720			-			NO	44	Veg
734-740						NO	Yes.	Vig
754-760						NO	Yes	Veg
77A-78D						n/a	Yes	Veg
791-80D						NU	Yes	Veg
81A-82D						NO	Yes	Veg
83A-84D						No	Yes	Ve



Solar Field Monthly Check List

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soll Erosion Cada	Comments
5A-84D						NO	Yes	Vegeta + ion
7A-85D						20	Yes .	Vegetation
89A-90D						No	Yes.	Vez.
11A-92D			<u> </u>			No	Yes	Veg.
3A-94D						No	Yes	Veg.
S1-96D						ماه	Yes	Vig.
7A-98D						NO	Ves	Veg.
19A-100D				<u> </u>		20	Yes	Veg.
OUN- (020						NO	ψ _{es}	Veg.
03A-1640						No	Yes	Veg
05A-106D						No	Yes	Vcq
07A-10RD						NO	Yes	Veg
09A-110D						NO	Yes	Veg
114-1120						NO	Ye !	Veg
ISA-IIVO						NO	Yes	Vra
ISA-114D						No	Yes	Veg
7A-1180		-				NO	Yes	Veg
19A-120D						NO	4es	Vig
21 A -1220			11- 11-			No	ves	Vig
2321240 254 1240	-					NO	Yes	Veg

127A-1280



Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Menuel Valves	Loose Hardware	5and Accumulation	Wind and/or Water Soil Erosion (1990)	Comments
E-2H						NO	Yes	Vactation
3E-4H						NO	Yes	Vegetatore
E-6H						NO	Yes	Vegetation
7E-8H						NO	Yes	Vegetation
1E-10H						NO	Yes	Veg
1E-12H						NO	Yes	Veg
3E-14H						NO	Yes	Veg
5E-16H						No	Yes	Veg
7E-18-H						NO	Yes	Veg
9E-20H	11 115 1 5 1 1					NO	Yes	Vig
115-224						~0	Yes	Veg
3E-24H						NO	Yes	Veg
5E-26H						No	Yes	Veg
DE-2811						NO	Yes	Veg
9E-30H						NO	Lis	Ves
3/E-32H						NO	Yes	Veg
3E-34H						NO	Yes	Vei
5E-36H						No	Yes	Veg
7E-38H-						NO	Yes	Veg
92-40H				-		No	Yes	Veg



Collector	Header Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion Common	Comments
415-424						NO	Yes	Vegetatur
43E-44H						NO	Yes	Vegetation + Water
45E-4GH						No	Yes	Veg
17G-48H	_					No	Yes	Ves
9E-50H	_					NO	Yes	Vig
51E-52H						NO	Yes	Veg
38-5411						No	Yes	Vig
55E-56H						NO	Yes	Veg
7E-58#						NO	Yes.	Vig
59E-40H						No	Yes	Veg
1E-62H	_					NO	Yes	Vez
3E-64H						20	Yes	Veg
55-68H						NO	Yes	Veg
78-68H	_					No	Yes	Veg
9E-76H						No	Yes	Veg
71E-72H						No	Yy.	Veg
738-741	-					20	Yes	Veg
75E-76H						NO	Yes	Veg
77E-78H						no	Yes !	Ves
87E-88H	-					NO	700	Veg



Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
895-901						NO	Yes	Vegation
11E-92H						NO	Yes	Vegatation
35-944						No	Yes	Veg
5E-96H						NO	Yes	Veg
78-984						No	Yes	Veg
99 E - 100H						NO	Ves	Vig
1016-102H						NO	Yes	Veg
03 G-104H						NO	Yes	Vig
056-1064						NO	44	Veg
076-1081	-					NO	Yes	Veg
OGE-HON	_					No	Yes	Vy
11E-112H	_					NO	Yes	Vig
SE-1144	-					No	Te .	Vig
135-1164	-					No	Pes	Veg
176-118H					-	NO	Les	Vis
19E-120H						NO	405	Veg
21E-122H						No	Pes	Veg
238-1241						No	Les	Veg
25€-/24#	-					NO	Yes	Veg
276 1284						No	Yas	Ver



Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion Comme	Comments
45T-46L						NO	Yes	Vegetation
47I 48L						NO	Yes	Veg
49 I - 50L						NO	Yes	Veg
17-52L			177			NO	Yes	Veg
53Z-546						NO	Yes	Veg
SSE-SCC						NO	Yes	Veg
57I-58L						20	Yes	Ves
91-60L					-	NO	Yes.	Veg
411-62L						No	Yes	Veg
31-646						NO	Yes	Veg
451-66						NO	Yes	Veg
47I-68L						No	Yes	Veg
69I-70L						NO	Yes	Veg
717 - 724						NO	Yes	Veg
73I - 74L						NO	Yes	Veg
157-766						NO.	Yes	Veg
772-716						NO	Yes	Veg
791-806		-				20	Yes	Vy
811-82L				-		No	Yu	Veg
831 - 845						NO	Yes	Veg



Collector	Header Skid	Oll Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
85 I-865						No	Yes	Vegetation
87I-88 J						NO	40	Veg
891-900						NO	Yes	Vig
91I-920						No	Yes	Via
937-946			<u></u>			مير	Yes	Veg
951 96K				ļ		NO	Yes	Vy.
971-981						NO	Yes	Veg
991-900L						No	40	Vy
OII-1024						No	Yes	Veg
1032-1041						NO	Yes	Vig
1051-106E						NO	Yes	Veg
1072-1084						NO	Yes !	Veg
1091-110L						NO	Yes	Veg
1/17-112C						NO	405	Veg
1137-1146			<u> </u>			NO	Yes	Veg
1131-1166			<u> </u>	<u> </u>		NO	Yes	Veg
1172-1186						No	Yes	Veg
1197 1206						NO	Yes	Veg
1212-1221						No	Yes	Veg
1237-1244				:		No	Yes !	Vy



Collector	Header Skid	Oll Level Switchboard	Piston Pin	Lubricating Manual Valves	Loose Hardware	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
251-1261						20	Yes	Vegetation
27 T-1284]			No	Yes Yes	Vegetation
				ļ				
]		
			<u></u>			1		
						ļ		
	_ 		·			<u> </u>		
							<u> </u>	
	-		<u> </u>					
	·				7			**
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	1							
	·				·		-	



Order N:	5591427
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date;	Ordered By:										
Functional Location:	al Location: MSPB-SFD Beta Solar Fiel				ield						
Equipment:		Tag#:									
Description:	SFD022 Beta P			vity: S2	27 Pred	ictive / Pr	eventive				
SFD022 Beta Retenti	on Basins Ir	rsp	-	300	-						
	Work ob	servations, wo	rkplace	<u>securi</u>	ty <u>meas</u>	<u>sures</u>					
Priority:		(strumpes		To be	done in:	Prevent order (S	ive maintenance Joiar US)				
Execution PM Order											
Completion date:	218	19		e done			olar Field				
	1		W	ork ce			USPSFO .				
Hours spent:		ours		Signat	ture:	NE	1				
Spares Ope inventory	ration Desc	ription				//	Quantity Unit				
Operation description	ın.		The	οT	Rea	r II T. Star	t To be done by:				
0010 - Solar Field - S		rerequisites		0,5 H		11 1, 5,60)	t To be done by.				
1.0 Job Safety a. Perform Pre- b. Review JHA. c. Wear all requestes Obtain the follomonthly operation sinspection form.	Job Safety luired and ap	Briefing. opropriate PPE dures: use				SH	OMPLETED				
	from Oper	ations									
3.0 Obtain Approval from Operations 0020 - Solar Field - 4.1 Inspection for erosion a. Inspect for erosion and sedimentation; spot check of grading (depth and slope) b. Inspection of vegetation				6,0 H							
0030 - Solar Field - 0 Housekeeping 5.0 Inform Operatio 6.0 Housekeeping Insure any equipment the job site have been	Completion ns of Work	and Completion		0,5 H							

DOL# 670-16-0040-CP-FOR

 Order N:
 5591427

 Location:
 Mojave Solar

 Order type:
 ZM71

 Plant:
 0680

Operation description:	Theo.T	. Real T.	Start	To be done by:
Operation description: cleaner condition than when you	ı arrived.			
		-	-	j
	- 200			
0	0	10 60	_	
1 (anvel	Gorda	17 No	~~~	
				_
1				
6555 IGUAGO				
OFTELISMOD CO				411
				i i

Acceptance date:	15-18-2019	Accepted by:		Blenn	Coven
		Position:			
		S	ignature	male	Done
Observations:					

Order N:	5591831
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	05/23/2019	Ordered By:			
Functional Location:	MSPA-SFD Alpha Solar	Field			
Equipment:			Ta	g#:	
Description:	SFD022 Alpha	PM Activity: 52	7 Predictiv	e / Pre	ventive
SFD022 Alpha Reter	ntion Basins Insp				
	Work observations, w	orkplace securit	y measure:	5	
01	1				
Please s	sce attachtm	1.			
'					
Priority:		To be d	one in Pre	ventiv	e maintenance
. Holley		.0000		ler (So	
Execution PM Order:	10				
Completion date:	5-23-19	To be done			ar Field
	1	Work cen	7,5	M:	SPSFD
Hours spent:	17	Signati	ire: Hee	for 1	ad115
	eration Description				Quantity Unit
inventory Operation description	an:	Theo.T.	Pool T	Start	To be done by
	Safety and Prerequisites	0,5 H	Near I.	Start	To be done by:
1.0 Job Safety	sorety and i rerequisites	0,0			
a. Perform Pre	-Job Safety Briefing.				
b. Review JHA.	uired and appropriate PP	G			
2.0 Prerequisites	uneo and appropriate rr	<u> </u>			
Obtain the follo	owing Procedures: use				
	stormwater run off contro	ol			
inspection form. 3.0 Obtain Approva	I from Operations				
Print of the Control	Inspection for erosion	16,0 H			
	erosion and sedimentatio	n,			
spot check of gradir	ng (depth and slope)				
b Inspection of Fill out the checklis					
THE OUT THE CHECKIS	r.				
https://abengoa.sha	repoint.com/sites/lh-	'00			
1%20Forms Logs Ch	lojave/13-Proc%26MOC/ ecklists/Maintenance/G70	00,			
TOUR OF THE LOGIC CO.	Service Minister and Off				

Order N:	5591831
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.		Real T.	Start	To be done by:
16-0040-CP-					
FOR- 000007%20Solar%20Field%20Monthly%20Chec	k				
list.docx?d=w7a6a8d7aa54b43288dd0d7b53e38	3				
e233	0.5	ы			
0030 - Solar Field - Completion and Housekeeping	0,5				
5.0 Inform Operations of Work Completion					
6.0 Housekeeping Insure any equipment or materials brought to					
the job site have been removed. Leave area in a cleaner condition than when you arrived.	a				
cleaner condition than when you arrived.					
į.					
Ì					

End PM Order:

Acceptance date:	Accepted by:	
	Position:	
	Signature	
Observations:		

Order N:	5591831
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Related Equipments

Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field
Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field

Mojave Solar LLC

Operator: Heetas Pacilla	Date: 5-22-19	
Shift: B	Plant: Alpha	

Collector	Header Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Acctimulation	Wirid and/or,Water Soli Erosjon Channel	Comments
A-2D						NO	Yes	
14-4D						NO	Yes	
5A-6D	-					NO	Yes	
74-80	-					NO	Yes	Vegetation
A-100						NO	Yes	Vegetation
1A-12D					enter the delication of the de	NO	Yes.	Vege tol
3A 14D						No	Yes	Dead Vertata
5A-16D	-					NO	Yes	Dried Vestatu
7A-180						NO	Yes	Vegetatu
94-200						NO.	Yes	Vege taton
UA-220	-	-				NO	Yes	David Vegetaden
234-240						NO	Yes	Vegetation
25A-26D	_					No	Yes	Vegatetus
274-28D						NO	Tes	Vegetation
29A-30D	_					No	Yes	Dored Vegetation
31A-32D	-					NO	185	Died Vegetation
3A-34D						NO	Pes !	Dried Vegetation
35A-36D						No.	Yes !	

Mojave Solar ELC

Operator:	Date #	- · · · · · · · · · · · · · · · · · · ·
Shife	Plant:	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	¿Lubricating	Librarios Bearings	Sand)	Wind and/or Water Soil	Comments
37A-350					-	20	4es	· Vegetatu
394 %						NO	Yes	Venetatus
41A-42D						No	423	
43A-44D	-					20	Yes	
4.5A-Y60				71	×	20-	Yes	Drieb Vegetation
47A-480						NO	4es	Dried Vegetation
49A-50)	_					.v. p. J O	Yes	Dried Vegetation
SIA- 520	-					NO	Yes	Vegetchen
53A-540						NO	Yes	Vegetation
55A-560						No	Yes	Dried Vegetation
57A-580						NO	Yes	Driel Vegetation
59460P	-				-	NO	Yes	Died Veretation
GIA-42D						NO	ies	
63A-40						NO	Yes	
654-60						NO	Yes	Dried Vegetation
67A-48D	-				-	NO	Yes	Bried Vigetation
93490						No	Yes	Vegetatus
95A900	-					NO	Yes	0-:

Mojave Solar LLC

(Operator:	Date:		***************************************
Shift:	(Plant:	400	

Cal l in the	12 Ser Skild	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Canada	Comments
97A-980						20	405	
19A-1000						NO-	Yes	Dried Vegetation
01A-102D	-					NO	Yes	Vegetation
3A-/04D						مہ	Yes	Vegetation
05A:104	_				-	20	Yes	
O7A IORD						NO	Yes	
091-4PD						0 ليمون	Yes	Vegetata
HA-HZD						No	Yes	Dried Vegetation
					;			
_								
-					-			
		4						

Mojave Solar LLC

Operator:	Date:	7
Shift:	Clante	

Collector	4) eader Skid	Oil Level	Platon Pin	Lubricating Manual Valves is	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soll Erosion	Comments
10-24						NO	Yes	Vegetation
3E-4 H						NO	Yes	Vegetatur
SE-6 H						No	Yes	Doied Vegetation
7E-8H	<u> </u>					No	Yes	
9 E-16 H	-					NO -	Yes	Vegetation
11 E-12 H						NO	Yes	lege tatue
13 €-14 H						المال	Yes	Vegetation
15.6-16.H						NO	Yes	Dried Vegetation
178-1271						NO	Yes	Legetaton
19 E-20 H						NO	Yes	Vegetalin
215-2214						Yes	Yes	Dried Vegetation
23E-24 H						Yes	Yes	<u> </u>
75 E-26 H						Pes	Yes	
276-284						Yes	Yes	Dried Vegetation
29€-304						Yes	Yes.	Dried Vegetation
31E-32H						Yes	Yes	Dried Vegetation
33 <i>E-3</i> 44						Yes	105	Vege fatur
35 E-36 H						Yes	Yes	

Mojave Solar LLC

Operator:	Oate:	,
Shift:	Plant:	

Clair	Header Skid	Oil Level Switchboa	reports (Manual Valves		CACCUMULATION OF	Wind and/or Water Soil	Comments
37E-38H						Yes	40	Dried Vegetation
392-40H						Yes	Yes	Dried Vegetation
418-424						405	Yes	Vegetation
43E-44 H						Yes	Yes	Dried Vesetation
45E-46H					_	Yes	Yes	Dried Vegetation
476-48H						405	705	Direct Vegetation
49E-56H						N. S 25	Yes	Dried Vegitation
51e-52H						Yes	Yes	Dried Vegetation
52E-54#						YES	Yes	Vegetatus
55 E-56.H						425	Yes	Dried Vegetation
57E-58H						Yes	125	Vegetation
596-60H						Tes	Yes	Ven fatron
CIE-C2H						Yes	Yes	5 -,
63E-64H						Yes	Yes	Vegetation
65E-66 H						Yes	425	Dried Vegetation
67E-68 H	-					45	Yes	Vegetake
69€-70H						№ 6	Yes	Vegetion
718-724						~0	Ces	

Niojave Solar LLC

Operator:	Date	
Shift:	Plant	

Collection	or Skid Switchboard)	Piston Pin	Cubricating Manual Valves	Lubricat 1 Bearings	Sand Accumulation	Wind and/or Water Soil Erosion demons	Comments
73E-74H -					NO	Yes	Vegetation
75E.7CH -					N6	Yes	Deied Vegetation
71E-78-H					NO	Yes	Diel Vegetation
79E-80H -					NO	Yes	Dried Vegetation
21 6-8211			-	1 (6)-	NO -	4.5	Dried Vegetation
83E-84/1 -					WO_	Yes	
85E-16H					why Je5	Yes	Dried Vegetation
87E-88H					Yes	Yes	Dried Vegetation
89E-90H -					4.5	Yes	Vegetat-
918-924					Yes	Yes	Dried Vegetatum
IDIE-1021					NO	Yes	Vege-tal-m
1036.104					\sim 0	Yes	Ditel Vegetation
1056-1064					NO	Yes	
107E-108H					No	Yes	Vegetato
1096-110/1 -					NO	425	Dried Vegetation
1116-11211					20	Yes	Dried Vegetation
113611411					No	40	Dried Vegetation
115 t-11 (1 -					~0	Yes	Driel Vactation

Mojave Solar LLC

Operator:	Date:	-
Shift:	Plant:	

Collector	Header Skid	Oll Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Encsion Assess	Comments
1176-1184	_					NO	Yes	Vegetation
119E-120H						NO	Yes	Vegetation
1216-1224	-					No	Yes	Vegetate
236-1244	_					20	Yes -	
123E-12CH	-					No	Yes	
1276-1211					1 45 46	NO	40	Vegetation
1296-130H	_					٥٠مد	Yes	Venetatur
316-1321	-					20	Yes	Vegetatan
1336-1344	-					NO	Yes	3
ise-isell						No	Yes	Veaetation
/37 <i>E</i> -138/					~	NO	Yes	Vegetation
139E-140H						No	Yes	Dried Vegetation
1416-1421	~					No	Yes	Died Vigetation
143E-14VH	-		-			No	Yes	Deied Vyetation
458-1464						NO	Yes	Dried Vigetalion
W76-148H						NO	Yes	Dried Vegetation
149 E-150 H						No	Yes	Died Vyeleting
151 E-1524	-					NO	Yes	Diel Vegetation

Operator:	Date:
Shift:	Plant:

Collector	Header 5kid	Oil Level Switchhoard	Piston Pin	Lubricating Menual Valves	Eubrication Bearings	Gand Accumulation	Wind and/or Water Soil	Comments
530 /30					-	NO	Yes	Drick Veretation
35 E-156H						no	70	Dried Vesetation
57E-158A						NO	Yes	Dried Vegetation
59E-161H						NO -	Yes	Dried Vegetation
GIE-IG2H						NO	Yes -	Dried Vesetation
GSE-ICHA	-					NO	405	Dried Vegetation
45E-166#						WWW O	Yes	Dies Vegetation
676-169 A						NO	Yes	Died Vegetation
69E-170H	_					20	Yes	Dired Vegetation
716-172A					-	NO	Yes	Dried Vegetation
73EINA						20	115	Dired Vigetation
756-176A	_					No	Yes	Dried Vegetation
77 E-1781	~				_	NO	l'es	Died Vegetation
79 E-190H	_					NO	Yes	Doied Vegetator
1 6-1mH						No	40	Dried Vegetation
83E-194A	_					NO	Yes	Dried Vegetation
SE-ISCH .						-20	Yes	Dried Vagatotion
67 C: 1884-	-					Nd	Yes 1	Dried Vegetation

Mojave Solar LLC

Operator:	Date:	
Shift:	Rlante	

Collector	Header Skid	Oll Level Switchboard	Pistori Pin	(ubricating Manual Volves	Lubrication Bearings	Sand Accomutation	Wind and/or Water Soll	Comments
189 E- 1904						20	405	
1915-192H						NO	Yes	Dried Vegetation
1936-1941						No	Yes	Ties Vegetstern
195E-1964						No	Yes	Dried Vegetation
197E-1971	_					No	Yes.	Vegetata
1998-200	-					725	723	Driet Vegetation
201€-2021	-					Yes	Yes	Dried Vegetation
1								

Order N:	5596518
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order Rel.PM Order Date:

Rel.PM Order Date: 06/17/20	19 Ordered	By:
Functional Location: MSPB-SF	D Beta Solar Field	
Equipment:		Tag#:
Description: SFD022 B	eta PM Activ	rity: S27 Predictive / Preventive
SFD022 Beta Retention Basins	Insp	
Work o	oservations, workplace	security measures
Please See at	techment	
Priority:		To be done in: Preventive maintenance order (Solar US)
Execution PM Order Completion date: 6/12	9/10 Taba	dene by
Completion date.		e done by: Solar Field ork center: MSESFD
Hours spent:		Signature: Hector P.
Spares Operation Des		Quantity Unit
Operation description:	Theo	o.T. Real T. Start To be done by:
0010 - Solar Field - Safety and 1.0 Job Safety a. Perform Pre-Job Safety b. Review JHA. c. Wear all required and a 2.0 Prerequisites Obtain the following Procomonthly operation stormwater inspection form. 3.0 Obtain Approval from Ope 0020 - Solar Field - Inspection a. Inspect for erosion and spot check of grading (depth a b. Inspection of vegetatio Fill out the check list: https://abengoa.sharepoint.com/aom/A/Sites/Mojave/13-Proe%26MOC/00.%20Forms_Lointenance/G70-16-0040-@P-FO	Briefing. ppropriate PPE. edures: use run off control rations for erosion 16 sedimentation; nd slope) n m/sites/lh-	5,0 H

Maintenance Order Page 2 from 2 Praction description: Theo.T.

Order N:	5596518
Location:	Mojave Solar
Order type:	ZM71
Plant	0680

Operation description:	Theo.T.		Real T.	Start	To be done by:
000007%20Solar%20Field%20Monthly%20Check list.docx?d=w7a6a8d7aa54b43288dd0d7b53e38 e233 0030 - Solar Field - Completion and Housekeeping 5.0 Inform Operations of Work Completion 6.0 Housekeeping Insure any equipment or materials brought to the job site have been removed. Leave area in a cleaner condition than when you arrived.	0,5	н			

Position:	
Position.	A.
Signature: Cour Kan	der
	Signature: Com Bus

68-84 43 -CD

Mojave Solar LLC

D.V. = Dried Vegetalun

Operator Hector P.	Date: 6-21-19
Shift: 13	Planti Beta

Collector	Header-Skid	Oil Level Switchboard	Piston Bin	Eubricating, Manual Valves	Lubrication Beysings	Santi Accimulation	Wind and/or WaterSoll	<u>Coliments</u>
1E-2H						No	Yes	Dried Vegetation
35-414						No	Yes	Dried Vegetation
SE-614						NO	Pes	Dried Vegetation
7E-84						ν_o	Yes	Dried Vegetation
1E-10H						20	Yes	Dried Vegetation
16-124			-	75-74)		20	Yes	Vegetation + Deied Veget.
36-144						No	46	Dried Vegetation
5E-16H						20	Yes	Drice Vegetation
25-184						20	Nes	Dried Vegetation
90-2014						NO	Ves.	D . U.
46-224						~0	Yes	D. V.
3 <u>E-24H</u>						~0	Yes	D.V
SE-26/4						NO	ريا	D, U
7E -2814						<u>۵</u>	Yes	D. U
<u>16 - 304</u>						NO	Yes	D.U
NE-32#						\sim 0	Yes	D. V
3E-34H						20	Yes	D. V
56-364						NO	Yes	D. V

Mojave Solar LLC

Solar Field Monthly Check List

D.V. = Dried Vegetation

Collector	Header Skid	Oij Level Switchboard	Piston Pin	Lubylcating Manual Valves	Lubrication Bearings	Sprid Accumulation	Wind and/or Water Soil Eroslonding	Comments
37E-31H						No	Yes	D.V
19E-40A						NO	Yes	$\mathcal{D}.\mathcal{U}$
410-424						NO	Yes	D. V
43E-44H						Yes	Yes	D.V
456-4614						Yes	405	D.V.
47C-48H						No	Yes	
496.5014						NO	Yes	
516-52 if						NO	Yes	D. V.
53E-54/4					_	NO	Yes	23311 2-20
55E-56 H						NO	Yes	
57€-5814						NO	Yes	
596-604	-					مار	Yes	
CIE-62H						NO	Yes	
616-6411	-					NO	Yes	
435-6614						No	Yes	D. U.
TE-68H						NO	Yes	
490-7011						NO	Yes	D.V.
716-724	_					NO	Yes	
73E . 741						No	Yes	
75E-74H	_					NO	Yes	

in re Solar LLC

Solar Field Monthly Check List

D.V. = Died Vegetation

Collector	Header Skid	Qil Level Switchboard	Piston Pin	LuBricating Manual Valves	Eubrication Béarings	Sañ8 Ascúmulation	Wind and/or Water Still Erosign	Comments
776-78#						\sim $_{0}$	Yes	D.V
77E-88H						~0	425	
89E-904	-					20	Yes	D. V.
116-924						NO	Yes	Vegetation + D.V.
73E-94H						No	Ves	5
95E-9CH						No	Ves	Dried Vegetation
97E-98H	-					~0	Yes	
19E-100H						NO	les	
01E-1024						No	Yes	
03E-104						20	Yes	
OSE-KUL						20	Ves	
07E-1081						20	Yes	
09E-110H						20	Yes	
116-112H						20	Yes	
138-11411	-					\sim $_{o}$	Yes	
156-11CH						\sim 0	Yes	
178-1184						W1	Yes	
198-1204					_	\sim 0	Ye	
21E -122H						No	Ye,	
235-1244						مام	Yes	

Mojave Solar LLC

Collector	Header Skid	Dil Level Switchboard	Piston Pin	Lubricating Manhai Valves	Lubrication Bearings	Sand Accumulation	Wind sind/or Water Soll Erosjon (Magail)	Comments
25E-126	н					NO	Yes	-
278-12	8H					NO.	Yer	Dried Vegetation
				-		-		
<u></u>								
				i				
. 111.00								
					4			

m e Solar EEC

Solar Field Monthly Check List

D.V. = Dried Vegetation

Collector	Header Skid	Oil Leve! Switchboard	Piston Pin	Lubricating Manual Valves	(pürjestiğin Bearings	Sand Accomulation	Wind and/on-Water Soil	Comments
15A-46D						20	4.5	D.V.
+7A · 480						٥٧	Yes	D.V
19A - 50D	<u> </u>	' par				20	900	D.V.
1A-52D						NO	Yes	D. <i>V.</i>
3A-54D						NO	Yes	D. V.
55A - 5CD						No	Yes	D.V.
57A-58D						20	Yes	DV.
59A-60D						No	Yes	D.V.
61A-620						No	Yes	DV.
LSA-CYD						No	Yes	D.V.
5A-66D						~0	Yes	D.V.
67A-C8D	-					\sim 0	Yes	D.V.
19A-760						No	ريه	D.V.
7/A-720						20	les	D.V.
13A. 74D						No	Yes	D.V.
5A - 76D						20	Yes	D. V.
774-780						20	Ues.	D. V.
194-80D						مه	Yes	D.V.
81A-82 D						. ٨٠	les	D.V
83A-84D						\sim $_{0}$	Yes	P.V.

Solar LLC

Solar Field Monthly Check List

D.V = Dried Vegetation

Collector	Header Skid	Of Level 5Witchboard	Piston Pin	Eubricating Manual Valves	bubriçaridin Bearings	Sand Accumulation	Wind and/or Water So	Comments
54-860						No	Yes	
87A-85 D						No	Yes	
894-90D	,					20	Yes	
114-92D						No	Yes	
93A-940						No	les	
75A-96D		4000				No	Yes	
924-980						20	Yes	
99A-106D						No	Yes	
OIA -1020						20	Yes	
03A-1040						No	Yes	Vegetation
054-1040						مار	Ces	
0301-ATO						20	ريع	
09A-116D						No	Yes	
114-1120						20	Yes	
13 <u>4-1/4</u> D						~0	Ves	D.V.
SA-116D						NO	Pes	
17A-IIFO						20	- Y25	D. V.
19A - 12UD	_					~0	Yes	
214-1220						No	Yes	
234-1240						NO	Les	

^{5.} Jar Field Operator Task Description Procedure



Solar LEC

Callector	Hender Skid	Oil Level Switchboard	Piston Pin	EuBricating Njanûal,Valves	Lubrication Bearings	Spin8 Acquiriblishion	Windland/or Water Soll Erosland October	Comments
25A-1260						NO	Yes	
LTA-IZED						20	Yes	
						<u> </u>		
							- 1	
		<u></u>						
-			<u> </u>					
-		<u> </u>	<u> </u>		<u></u>			
_								
,					·			

∥ ⊌ Solar LLC

D. V.= Dried Vegetation

Collector	Header Skill	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accordingation	Wind and/or Water Soil Eroston	Comments
451-466						Tes	Yes	D. U.
471-486						No	Yes	
49I-50L						20	yes	
511-52L						NO	Yes	
53I-54L						NO	Yes	
55 I-54L						NO	Yes	
572-51L						20	Yes	
59I-COL			- 1			110	Yes	
CII-626						NO	Yes	
31.64L						NO	Yes	
651-666	_					NO	Yes	
47X-68L						-wo	Yes	
69I-70L						NO	Yes	
71I.72L						No	(es	
737-746						20	Yes	
751-766						No	Yes	
717-786						No	Yes	
79I-80L						No	Yes	
81 I-82L						NO	Yes	
831.84x	-					NO	Yes	

ar Field Operator Task Description Procedure

e Solar I.LC

Solar Field Monthly Check List

D. V = Dired Vegetation

Collector	Header Skid	Oil Level Switchboard	Piston Pin	LuBricating Tylonual Valves	Eubrication Bearings	Sand Accomplation	Wind and/or Water Soil Eroslon Pages	Comments
852-86 J						20	Yes	D.V.
871-885						NO	4es	
89 Z •90J						20	Yes	
912- 92 5						No	425	Vegetation + D.U.
93I-94H						NO	Yes	
151.96K						NO	Yes	
772-984	_					NO	Yes	
991-1006						NO	Yes	
1012-1021						20	Yes	
037-1044						NO	Yes	
057-10CL						_ ~0	125	
677-108L						NO	Yes	
091-110L						NO	Yes	D.U.
117-1126						\sim 0	Tes	
13 I -1140						NO	Yes	
LSY-IIGL						~0	Les	
171-11RL						NO	Tes	
9I-1200	200					NO	Yes	
217-122						NU	Yes	
237-1240					_	NO	Yer	

War Field Operator Task Description Procedure

Pige 3 of 4

e Solar LLC

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Manual Valves	Lubrication Bearings	Sand Accumulation	Winti and/or Water Soil Eros on Care	Comments
252-1260						20	Yes Yer	
127 I-124	5			-		No	Yer	
								.,
-								
					-			
-								
				<u> </u>				
-		-		-				

Maintenance Order Page 1 from 3

Order N:	5596740
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Start FIM Order					
Rel.PM Order Date:	06/22/2019	Ordered By:			
Functional Location:	MSPA-SFD Alpha Solar F	ield			
Equipment:			Ta	ıg#:	
Description:	SFD022 Alpha F	M Activity: S27 I	Predictiv	e / Prev	ventive
SFD022 Alpha Reten	tion Basins Insp				
	Work observations, wo	rkplace security i	measure	s	-
Please See	e affactment.				
Priority:		To be dor		eventive der (So	e maintenance lar US)
Execution PM Order:					
Completion date:	6-24-19	To be done b			ar Field
		Work cente		, MS	SPSFD
Hours spent:	17	Signatur	e: //e	ctor	P.
Spares Ope inventory	ration Description				Quantity Unit
Operation description	on:	Theo.T.	Real T.	Start	To be done by:
 Job Safety Perform Pre- Review JHA. Wear all requisites Obtain the follomonthly operation sinspection form. Obtain Approva Obtain Field - 	Inspection for erosion rosion and sedimentation; g (depth and slope)	16,0 H			
Fill out the check list https://abengoa.sha aom/aom/A/Sites/M	t repoint.com/sites/lh- lojave/13- 20Forms_Logs_Checklists/l	Ma			

Maintenance Order

Order N:	5596740
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.		Real T.	Start	To be done by:
000007%20Solar%20Field%20Monthly%20@heck list.docx?d=w7a6a8d7aa54b43288dd0d7b53e38 e233					
0030 - Solar Field - Completion and Housekeeping 5.0 Inform Operations of Work Completion 6.0 Housekeeping Insure any equipment or materials brought to the job site have been removed. Leave area in a cleaner condition than when you arrived.	0,5	H			
cleaner condition than when you arrived.					
,					

Acceptance date:	Accepted by:	
	Position:	0 1
	Signature: Cour	4 Barren
Observations:		

Maintenance Order

Order N:	5596740
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Related Equipments

Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field	
Tag# Equipment: Func. Location: Operation:	MSPA-SFD	Alpha Solar Field	

Mojave Solar LLC

Solar Field Monthly Check List

D.V. = Dried Vegetation

Operator:	Hector	Date:	
Shift:	3	Plant: Alpha	

Calleator	Header Bidd	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion	Comments
1A-2D	5-3					20	Yes	
3A-4D	-		-			No	Yes	
5A-GD						NO	Yes	D.V.
74-80						NO	Yes	Vegetation + D.V
94-100						20	Yes	D.V.
11A-12D						NO	Yes	D. V.
13A-140						4400	40	Vegetation + DV
13A-16D	.=					NO	Yes	D. V.
174-180						مر	Yes	D.V.
19A-20D	,	<u> </u>				no	Yes	D.V.
214-220	,					NO	Yes	D.V.
234-240						20	Yes	D.V.
251-260						No	Yes	D.V
274-280						No	Yes	D.V.
29A-30D						NO	Yes Yes	
314-323						NO	Yes	D. U.
33 <u>4-340</u>						20	Yes	Vegetation + D.V.
354-3/0						٥٠؍	Yes	D.V.

Mojave Solar LLC

Solar Field Monthly Check List

D.V = Dried Vegetation

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion (Care Control	Comments
37A-38P						NO	Yes	
J9A.400						NO	Yes	
41A-42D						20	Yes	D.V.
43A-440			-			NO	Yes	
43A-460						No	Yes	
474-480						NO.	Yes	D.V.
49A-500						NO	Yes	Vegetation + D.V.
5/4-520					मन्दार्न् स्ता <u>र</u> ा	NO	Tes	D. U.
53A-540						NO	Yes	D.V
55A-56D						NO	Yes	D.V.
57A-58D						NO	403	D.V.
59A-601						20	Yes	D.V.
614-620						No	Yes	
63A-640						NO	Yes	
65A-660						NO	Yes	D.V P.V
67A-68D		<u></u>				NO	les	PV
934-940						20	Tess	
95A . 960						NO	40	
97A-98D						NO	Yes	
99A-100D						NO	Yes	

e Solar LLC

Solar Field Monthly Check List

D.V. = Drick Vegetation

Collector	Header Skid	Qil Level Switchboard	Pišton Pin	Lubricating Manual Valves	Bearings	Senio Accumulation	Wind and/or Water Son	Comments
GIA-102	D -					NO	Yes	
03A-104	D -					NO	40	
05/4-106	2				······	NO	Yes	
74-108	>					20	Ves	
094-1/01	, —					NO .	Yes Yes	<u> </u>
11A-1/2D						20	Yes	D.U.
		<u>.</u>						<u></u>
		-						
					· · ·			

4 /e Solar LLC

Solar Field Monthly Check List

D.V. = Died Vegetation

Collector	Header5kid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	buörleation Bharings	Sand Accumulation	Wind and/or Water Spil	Comments
E - 2H						NO	Yes Yes	D.V.
SE-4H						NO	Yes	
512-614						No	Yes	D.U.
e-8H						NO	Yes	
16-10H						NO	Yes	
18-12H						NO	Yes	
36 - 1414						NO	Yes	
se- 16H						NO	Yes	
78-18H				-		NO	Yes	D.V.
96-204				_		20	Yes	
118-22/4						no	Yes	D.V.
36 2 4H						NO	405	
58-26H						20	Yes	
76-284						NO	Ves	D.V.
95-JOH						NO	Yes	
12-32H						20	Yes	
38-344						20	Yes	D.V.
SE-36 H						טע	Yes	D.V.
76-38H						20	Yes	
9E-40H						20	Yes	

lar Field Operator Task Description Procedure

o re Solar LLC

Solar Field Monthly Check List

D.V. = Dried Vegetation

Collector	Header Skid	Oil Level Switchboard	Piston Pin	tubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Still Erosign	Comments
HE-421						NO	Yes	
13E-44H	1					NO	Yes	
ISE-YGA						NO	Yes	
78-4811						~0	Yes	
9E-50H						NO	Yes	
SIE-52H	-					NO	Yes	D.U.
36-54H						NO	425	D.V.
se-sch						NO	Yes	D.V
76-58#						~0	Yes	DU
98-60H	7					20	Yes	
1E-62H						NO	Yes	
36-641	_					20	Yes	D.U
5E-66H						~0	Yes	D.U
76-684	-					NO	Yes	D.U
96-704						~0	Yes	DV
11E-72H						20	Yes	
3E.74H						NO	Yes	D.U
36-76H						NO	Yes	D.U
75-78H						NO	Yes	アン
96-80H						NO	Yes	DU

Mar Field Operator Task Description Procedure

Puge 3 of 4

e Sofar LLC

Solar Field Monthly Check List

DU-Diel Vestation

Collector	Header Skid	Oil Level Switchboard	Piston Pin	LuBricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion (Malerol	Comments
81E-82H						NO	Yes	D.U
83G-84H						Yes	Yes	D.V
85E-86H						Yes	Yes	D.V
876-88H						Tes	Yes	D.U
896-90H						Yes	Yes	D.V
91E-92H						Yes	Yes	D.V
93E-94H								
950 9CH								
976-984								
996-100A								
1018-102H						NO	Yes	
103E-104H		-				NO	Yes	D.V.
1056-106A						NO	Yes	
1076-108H	-					NO	Yes	D.V.
109E-110H						NO	(Ye)	
IIIE-1124						NO	Yes	D. V.
113E-114/4						20	Yes	
115G-116A						~0	Yes	D.V.
1176-118H						20	Tes	D.V.
119E-120H						NO	Yes	D.V.

e Solar LLC

Solar Field Monthly Check List

D. V. = Died Vegetation

Collector	Header Skid	Oii Level Switchboard	Piston Pin	Lubricating Manual-Valves	lubication Bearings	Sand Accumulation	Wind and/or Water Spil Erosion Coltero	Comments
1216-1224						NO	Yes	D.V.
123E-124						No	Yes	D. U.
1256-126H	-					20	Yes	D. V.
1278-1284						NO	Yes !	
1296-130						NO	Yes	
1310-1321	_					NO	Yes	
13 <u>36-1844</u>	-					No	Yes	
135 e-1361	_					20	Yes	
1376-1381						70	Yes	
1396-WON						NO	Yes	D.V.
1416-1424						20	Yes	D.V.
1438-1441						20	Yes	D - V.
45E-146H	-					ه لـم	Yes	
147E-148H						NO	Kus	P.V.
1490-1504						NO	Yes	D.V.
5 IE -1524						NO	Tes	D.V.
53€-134R						NO	Yes	D.U.
558 -15CF				·		NO	Yes	D.V.
57E-138#						~0	Ces	D.V.
596-160H						NO	Yes	D.V.

ar Field Operator Task Description Procedure

Solar LLC

Solar Field Monthly Check List

D.V. = Dried Veget Ju

Collector	Header Skid	Oil Level Switchboard	Pliton Pin	Eubricating Manual Valves	Eubrication Bearings	Sand Accumulation	Wind and/or Water Soil	Comments
1G1E -1G211						Yes	Yes	D.V.
163E-164A						20	Yes	D.U.
165E-166A						NO	Yes	D.U
G7E-IGEH	-					No	Yes	D. U.
690-170H	-					20	ردے	D.U.
718-172H						20	Tes	D. U
1736-1744						20	Yes	D.V.
756-1761						~0	Yes	D.V.
778-178H	-					20	Yes	D.V.
1786-180H						NO	40	P.V.
816-1824						NO	Yes	D.U.
838-18411	-					NO	Yes	D.V.
856-18GH			! 			No	Tes	D.V.
876-181H						Tes	Yes	D.U.
89E-190H						Yes	Yes	P.V.
91E-192H						Yes	Yes	D.U.
193E-1944						Tes	les	D.V.
95e-196H						Yes	Yes	
926-19EH						Yes	Yes	DV.
199E-200H						Yes	Tes	D. U.

ar Field Operator Task Description Procedure (e.3 of 4

ரு e Solar LLC

Collector	Header Skid	Oil/Level SWitchboard	Piston Pin	Lubricating Manual Valves	bubyloation Bearings	Sendi Accumulation	Wind and/or Water Soll Broslen (2005)	Comments
1E-202						Yes	Yes	D.V.
_								
		<u> </u>						
_								

Maintenance Order

Order N:	5600552
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	07/23/2019	Ordered By					
Functional Location:	MSPB-SFD Beta Solar Fig	eld					
Equipment:					Tag#	ŧ:	
Description:	SFD022 Beta	PM Activity	: S27	Predic	tive /	Prev	rentive
SFD022 Beta Retention	on Basins Insp						
	Work observations, wo	rkplace sec	urity	measu	ıres		
Please	See attach	15			~		ALIDI FEED
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	300 01111000	16213.			1)		CAFL D
Priority:		То	be do				maintenance
					orde	(Sol	ar US)
Execution PM Order:	7 9/ 10	To bo d	b	14	-	Cole	r Field
Completion date:	7-26-19	To be de Work					PSFD
Hours coast:	151		natur		1/	7	D
Hours spent:	ration Description	319	Hatui	C	Hec	10	Ouzetitu Heit
Spares Oper inventory	ation Description						Quantity Unit
Operation description	n;	Theo.T.		Real	T. S	tart	To be done by:
	afety and Prerequisites	0.5	Н				
1.0 Job Safety	lab Cafata Duiafina						
b. Review JHA.	Job Safety Briefing.						
	ired and appropriate PPB	,					
2.0 Prerequisites							
Obtain the follow	wing Procedures: use						
inspection form	tormwater run off control						
3.0 Obtain Approval	from Operations						
0020 - Solar Field - I	inspection for erosion	16.0	Н				
	osion and sedimentation	i					
spot check of grading b. Inspection of							
Fill out the check list.	vegetation						
https://abengoa.shar	epoint.com/sites/lh-						
aom/aom/A/Sites/Morces/26MOC/00 %2	ojave/15- 0Forms_Logs_Checklists/l	Ma					
intenance/G70-16-00	040-CP-FOR-						

Maintenance Order Page 2 from 2

Order N:	5600552
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.		Real T.	Start	To be done by:
000007%20Solar%20Field%20Monthly%20Check list.docx?d=w7a6a8d7aa54b43288dd0d7b53e38 e233					
0030 - Solar Field - Completion and Housekeeping 5.0 Inform Operations of Work Completion 6.0 Housekeeping		Н			
Insure any equipment or materials brought to the job site have been removed. Leave area in a cleaner condition than when you arrived.					
End PM Order:			0=00		

Accepted by: Position:

Signature Bay

Acceptance date:

Observations:

Wojave Solar LLC

Solar Field Check List

D.V. = Dried Vegetation

Operator: 4/gg L D	Date: 7-25-19
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Plant: Befa

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
16-2H						No	Yes	D.V.
3 E- 4 H						NO	Yes	D. U.
SE-GH						NO	Yes	D.U.
7E-8H						No	Yes	D. U.
9 E-10H						No	Yes	D.V.
11 G-12H						NO	Yes	Vegetation + D.V.
13 E- HH						\sim 0	Yes	D. U.
15E-16H						\sim o	Yes	D.U
17E-18H						\sim 0	Yes	D.V.
19€.20H						No	Yes	D. V.
216-221						No	Yes	D.V.
23 <u>E-244</u>	_	-				20	Yes	D. V.
25E-26H						NO	Yes	D.V.
276-284						NO	Nes	D. V.
29E-30H						NO	les	D. V.
31€-324						NO	Yes	D. V.
336-3414						No	Yes	D. U.
35€-36#						NO	Yes	D.V.

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Send Accumulation	Wind and/or Water Soil Erosion Control	Comments
								-40
					4			
-			1					
, me .					,			
1.								
==								
4					-		-	
è								
					Sec.			
-								
		-						
								- 14
		1						

Maintenance Order

Order N:	5604164
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Start PM Order

Rel.PM Order Date:	08/25/2019	Ordered By	/:			
Functional Location:	MSPB-SFD Beta Solar F	ield				
Equipment:		Tag#:				
Description:	SFD022 Beta	PM Activity: S27 Predictive / Preventive				
SFD022 Beta Retent	ion Basins Insp					
/ 14423172	Work observations, w	orkplace sed	urity me	asures		
Priority:	- 共元 1 (新70° 1) // -	То	be done i		tive maintenance	
Execution PM Order	0.78c(864/0)			Jorder (Solar US)	
Completion date:	8-24-19	To be d	one by:	5	olar Field	
F-197	DEI		center:		MSRSFB.	
Hours spent:	17.0HR3		nature:	7	000	
	eration Description			1	Quantity Unit	
inventory					C	
Operation description		Theo.T.		eal T. Sta	rt To be done by:	
0010 - Solar Field - 5 1.0 Job Safety	Safety and Prerequisites	0,5	Н			
a. Perform Pre-	-Job Safety Briefing.	V				
 b. Review JHA. 						
c. Wear all requestes	uired and appropriate PP	E.				
Obtain the follo	owing Procedures: use					
monthly operation s	tormwater run off contro	ol				
inspection form.	I from Onevetiens					
3.0 Obtain Approva	Inspection for erosion	16,0	ш			
a. Inspect for e	rosion and sedimentation	טיסו	п			
spot check of gradin	ig (depth and slope)	/		And the last		
b. Inspection o	r vegetation			COMPL	la de la composição de	
I III out the check list				A MINITURE	SICU	
https://abengoa.sha	repoint.com/sites/lh-					
aom/aom/A/Sites/M Proc%26MOC/00 %	iojave/13- 20Forms <u>Logs Checklists</u> ,	/Ma				
intenance/G70-16-0	040-CP-FOR-	1410				

Maintenance Order

Order N:	5604164
Location:	Mojave Solar
Order type:	ZM71
Plant:	0680

Operation description:	Theo.T.	Real	T. Start	To be done by:
000007%20Solar%20Field%20Monthly%20Gheck list.doex?d=w7a6a8d7aa54b43288dd0d7b53e38 e233 0030 - Solar Field - Completion and Housekeeping 5.0 Inform Operations of Work Completion 6.0 Housekeeping Insure any equipment or materials brought to the job site have been removed. Leave area in a cleaner condition than when you arrived.		H		
See attachments				
Water Toronto				

Accepted by:	Blenn Gallen
Position:	
Signa	ature: Oblemn Mane
	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -

Solar Field Monthly Check List

. DUZ PRIED Vegalation

Operator:	Richard	Date:	8-23-19	
Shift;	A	Plant:	Befg	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
IE- 24) }-					พ๖	Yes	IE-F DV
3E-4N	4					No	Yes	3EF AV
SE-6N	•					NO	Yes	DV
7E-8H	1					No	Yes	DV I
95-10 H	0					NO	Yes	DV
45 12H				Ш		NO	Yes	DV
13E-44H						NO	tes	DV
15E-16H						NO	Yes	PV
ME-18H						NO	Yes	DV
195-20 A	*					NO	Yes	DU
21E-22H	Y					NO	Yes	pV
238-241						NO	Yes	PU .
5E-26H						NO	Yes	VQ
27E-28H	14-					NO	Yes	VA
29E-30H	1					NO	Yes	pr
315-32H						NO	Yes	Va
38E-34H	1					No	Yes	Va
5E-36+	1					NO	Yes	OV

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water 50≹ Erosion Control	Comments
75-34						No	Yes	DV
96.40H						مار	les	DV .
115-421	1					NS	Yes	DV
136-441	1					Yez	Yes	· W
45A 46F						NO	Yes	DV _
47p-48 C						NO	Ye5	D√
17A "576						NO	Yes	DV.
51A-52						NO	Yes	ρV
BA-54	P		_			No	Yes	DV
75A-56 1						NO	Yen	· DV
57A-580)					No	les	DN
79A-60 E				_		NO	Yes	DV
6/A-62D						MP	1/02 1/05	<u> </u>
GBA-640						No	Yes	av .
67A-66 D						N.O	Yes	DV
67A-680						NO	103	DΛ
94-700						NO	Yes	DV_
71A-725						No	10	
73A-74 D			_			No	705	DV
15A-76D						NO	105	OV

Operator:	Lichard	Date: 8-23-19 — 8	-27-19
Shift:	Δ-	Plant: Belg	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
77A-78 0						NO	Yes	
794-800	2					NO		
814-820						NO	Yes -	
83A 84 D						NO	Yes	
85A - 86 D						No	Yes	1000
814 98 D						NO	Yes	
894-98						NO	les	
21A-125						No	Yes	
93A-94D			-			NB	Yes	
95A-960 97A-960						NO	Yes	
97A.960						No	tes	
79A-1000	7					NO	Yes	
1019-102	Þ					No	Yes	
103A -109	p					NO	Yes	DU
05A - 1040						NO	Yes	
67A-188				;		No	109	
169A-1100						NO	Yes	
MA-112 P						NO	Yes	

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
34-114)					NO	Yes	DV
15A - 1160			_			Ne	Yes	
174-1180						N O	Yes	DV
194-120						NO) es	
21A - 122						NO	Yes	
BA 1241	9				, .	No	Yes	
25A - 124				M		No	Yen	
ZA-/28						NO	Yes	
15E-46 1						NO	109	
HE- 48 A						NO	109	
19C-50H						NO	Jes	
51E-52H						100	les	DV
BE-54H						NO	Yes	
552-56H						NO	105	
772-58H						No	Yes	
59E-60H						NO	Yes	
61E-62H						No	Yes	
63E-64H	-					ND	Yes Yes	
65E- 164						No	105	
67E-681						ND	Yes	120

Operator:	Ridard	Date:	8-24-19	
Shift:	A	Plant:	Belg	

Callectar	Header Skid	Oil Lèvel Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
69E-70H						NO	102	D.V.
718-724						No	Yes	
73E-74H	555					NO	100	
75E-76H						NO	Yes	
77E-78H	Ť.					ND	Yes	D.J.
,								
	7							
N	G							
1								
3]E-88H	į.					No	yes .	
89E-90H						No	Yes	p.v
91E-92 H						Na	Yes	Jestalia T D.V.
BE-94H						NO	Yes	
95E-96H						VIQ.	Yes	D. V.
19E-90H 91E-92H 98E-94H 98E-96H 99E-100H 14E [02H						Na	Yes Yes	
99E-100/	<u> </u>					NO	Yes	
PE 1021	(סטק	Yes	
103E-108	d .					NO	les les	

Solar Field Operator Task Description Procedure

Collector	Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
SE-IKH						No	Yes	
OTE- INCH						No	105	
WE-1101						NO	Yes	
16-1120						Mo	Yes	
BE-114	1					No	Yes	·
(15E-1161).					No	Yes	
17E-118H)					NO	Yes	
19E-1206						NO	Yes	
21E · /22						No	Yes	
25E-124						No	tes	
252-1261						No	Yes	-
ZJE- 281						שאק	Yes	D.V.
45I-46 L						NO	Yes	D. J.
MI-48L						NO	Yes	
192-50L						No	ter	
TI-52L						WO	Yes	
131-546						No	Yes	<u> </u>
157-561						No	Yes	
571-581	-					No	Yes	
591-COL	-					No	tes	

Operator:	Kickned	Date:	8-24-19	
Shift:	A	Plant:	Belg	

Collector Header Skid	Oil Level Switchboard	Piston Pin	Lubricating Manual Values	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
NI-626					NO	Yes	
37-644					NO	Yes	
51-664					NO	Tes	
671-684					NO	Yes Yes	
691-704					No	Yes	
713-724					NO	Yes	
151-744 151-764 171-784					No	Yes	
152-764					NO	yes Yes	
772-784					NO	Yes	
191-86 =				- 1	NO	Yes	
817-824					No	Yes	
231-844					NO	Yes	
852-864					NO	Yes	D. V.
811-884					NO	Les	
812-904					NO	105	
911-924					NO	105 105 105	Vegetation D.S.
931-944					NO	105	
757-964					No	100	

Collector	Header Skid	Oli Level Switchboard	Piston Pin	Lubricating Manual Valves	Lubrication Bearings	Sand Accumulation	Wind and/or Water Soil Erosion Control	Comments
7Z-984						No	Yes	
72-100						No	Yes	w
ost-loz						No	Yes	×
631-164						No	Yor	
157-10b	C.					No	Yes	
071-108	C					No	1/03	
097-110	-					No	Yes	D.V.
077-108 077-110 117-112						No	Yes	
37-440	_		_			No	Yes	
52-116	-					496	Yes	
77-/18	<u>-</u>					NO	Yes	
137-1140 157-116 177-118 197-120	-					No	Yes	
215-1221			_			NO	Yes	
23.1-124						No	Yes	
252-126	L					NO	Yes	
21.1-122.1 23.1-12.4 25.1-12.6 27.1-12.6	<u>ı</u>					N 0	Yes	
							100	
		- :	-y					
			*					
					-			

Maintenance Order Page 1 from 2

Order N:	5615759	
Location:	Mojave Solar	
Order type:	ZM71	
Plant:	0680	

Rel.PM Order Date:	11/25/2019	Ordered By:	
Functional Location:	MSPB-SFD Beta Solar Fie	ld	
Equipment			Tag#:
Description:	SFD022 Beta	M Activity: S27 Predict	tive / Preventive
SFD022 Beta Retent	ion Basins Insp		
	Work observations, wo	rkplace security measu	res
	- 10 1	1	
che	lelist affect	7	
Priority:	To be done in: Preventive		Preventive maintenance
			order (Solar US)
Execution PM Order	11/30/15	To be done by	Calas Stale
Completion date:	11/30/19	To be done by: Work center:	Solar Field
Hours spent:	16	Signature: TC	MSPSFD
	eration Description	Signature. []	Ony / Glen Quantity Unit
inventory	addit bescription		Quantity Unit
Operation description	on:	Theo.T. Real	T. Start To be done by:
0010 - Solar Field - :	Safety and Prerequisites	0,5 H	
1.0 Job Safety			
a. Perform Pre- b. Review JHA.	-Job Safety Briefing.		
	uired and appropriate PPE		
2.0 Prerequisites			
Obtain the follo	owing Procedures: use		
inspection form.	tormwater run off control		
3.0 Obtain Approva	from Operations		
Charles and the second second second	Inspection for erosion	16,0 H	
 a. Inspect for e 	rosion and sedimentation;		
spot check of gradin	ng (depth and slope)		
b. Inspection of Fill out the check list	r vegetation		
https://abengoa.sha	repoint com/sites/lh-		
aom/aom/A/Sites/M Proc%26MOC/00 %:	ojave/15- 20Forms_Logs_Checklists/N	.da	
intenance/G70-16-0	040-CP-FOR-		

Maintenance Order

Order N:	5615759
Location:	Mojave Solar
Order type:	ZM71
Plant.	0680

Operation description:	Theo.T.	Real T.	Start	To be done by:
000007%20Solar%20Field%20Monthly%20Check list.docx?d=w7a6a8d7aa54b43288dd0d7b53e38 e233 0030 - Solar Field - Completion and Housekeeping 5.0 Inform Operations of Work Completion 6.0 Housekeeping Insure any equipment or materials brought to the job site have been removed. Leave area in a deaner condition than when you arrived.	0,5 1	+		

End PM Order: Acceptance date:	Accepted by:	
	Position:	
	Signature:	Annual Control of the
Observations:		



Appendix P

2019 SOIL&WATER-5 Watermaster letters and calculations

Mojave Solar Project Annual Compliance Report San Bernardino County, California

2019 Reporting Period



Mojave Solar Project 42134 Harper Lake Road Phone: 760-308-0400 Hinkley, California 92347

Valerie Wiegenstein Mojave Basin Area Watermaster 13846 Conference Center Drive Apple Valley, CA 92307

Facility name: Mojave Solar LLC 42134 Harper Lake Road Hinkley CA 92347-9305 By US Mail

October 4, 2019

Dear Valerie Wiegenstein,

Find attached the Annual Verification Report Form and Invoice for the Fourth Quarter 2018-2019 water year.

Please advise if there is anything else you need.

Note, correspondence should be sent to the attention of the undersigned

Sincerely,

Jose Manuel Bravo Romero.



Manager, Compliance, Permitting, Q&E Department. **ASIO. Mojave Solar LLC**42134 Harper Lake Road
Hinkley, CA 92347

Attachments: Annual Verification Report Form and Invoice for the Fourth Quarter 2018-2019 water year. Verification documents. Check.



CITY OF BARSTOW, ET AL, VS. CITY OF ADELANTO, ET AL, CASE NO. 208568 - RIVERSIDE COUNTY SUPERIOR COURT

September 30, 2019

Mojave Solar, LLC 42134 Harper Lake Road Hinkley, CA 92347-9305

Re: Annual Verification Report Form for the 2018-19 Water Year and

Invoice for the Fourth Quarter (July 1, 2019 through September 30, 2019)

Attention: Jose Manuel Bravo

The Judgment After Trial dated January 10, 1996 for the Mojave Basin Area requires that parties report their water production for each production facility on a quarterly basis. The Judgment also requires that the Watermaster verify water production annually and submit a report to the Court. The enclosed Annual Verification Report Form and Invoice for the Fourth Quarter should be used by you to report your water production and to calculate the assessments that you owe for the fourth quarter (July 1 through September 30). Please use this same form to report your annual water production for the 2018-19 Water Year. This form and documents that support your reported amounts should be returned no later than October 31, 2019.

In addition, please review the first, second and third quarter production for each facility and the totals shown on the report form to confirm that the information you reported is correctly recorded with the Watermaster.

Assessments

Reported water production from July 1 through September 30 forms the basis for assessments for the fourth quarter. Administrative and Biological Assessments for the twenty-sixth year of the Judgment (2018-19 Water Year) will be assessed at \$3.55 and \$0.94, respectively, per acre-foot produced. If you do not report and pay your assessments by October 31, 2019, the Watermaster will invoice you as if you had produced 25% of your Base Annual Production, and interest will accrue at the rate of 1.25% per month or portion thereof until paid.

Verification Records

Section 11 of the Watermaster Rules and Regulations require that you provide sufficient information to allow the Watermaster to verify your annual water production. Each party who produces water must have an accurate method for measuring water from each source. The records required for each method of measuring water production are summarized in the following list.

- 1. If you calculate your water production from Southern California Edison (SCE) and/or time of use meters and pump testing, include:
 - SCE records from October 2018 September 2019.



- Copy of pump test results in compliance with Section 11 (C) of the Watermaster Rules and Regulations performed after September 30, 2017.
- Time of use records if the SCE meter has other electrical loads connected.

Please take notice that the Watermaster will request the release of SCE meter reading and pump test information records pursuant to a Court-ordered stipulation and protective order for the purposes of verifying your water production. Contact Watermaster staff within 15 days if you have any objection to this information being released by SCE to Watermaster. Records released from SCE are confidential and for Watermaster use only.

- 2. If you calculate your water production from a water meter or other flow measuring device include:
 - Readings from October 2018 September 2019.
 - Type of device and calibration test. The calibration test must be performed at least every two years by an approved meter tester.
- 3. If you calculate your water production from an engine driven pump include:
 - Flow meter records
 - Certification of compliance with Section 11 (E) of the Watermaster Rules and Regulations.
- 4. If you calculate your water production from an alternative measuring method include:
 - A written statement of method used.
 - Supporting documents.
 - Certification of compliance with Section 11 (D) of the Watermaster Rules and Regulations.

Please return the appropriate records with your Annual Verification Report Form and Invoice for the Fourth Quarter so that the Watermaster may verify your annual water production.

We would appreciate your assistance to ensure that we are mailing these documents to the proper person. If there is someone other than the person to whom this letter is addressed that should be receiving quarterly reports, verification reporting or billings for processing, please identify any name or address corrections that should be made in the space provided on the report form. Please be aware that any change will cause all future mailings of this type to go to the person or place you identify.

If you require assistance completing the forms or need more information, please contact the Watermaster staff. Thank you for your immediate attention to this matter.

Sincerely,

Valerie Wiegenstein

Watermaster Services Manager

Wiegenstein

Enclosures: Annual Verification Report Form and Invoice for the Fourth Quarter and

Return Envelope



Annual Verification Report Form and

Invoice #:

Printed on: 09/30/2019

41802

Invoice for Administrative & Biological Assessments 4th Quarter (July 1 - September 30) 2018-19 Water Year

Cubanas Castus	Free Production Allowance (FPA):	4,192 Ac-ft
Subarea: Centro	Prior Year Carryover:	4,192 Ac-ft
	FPA Transfers In:	0 Ac-ft
	FPA Transfers Out:	0 Ac-ft
	Carryover Transfers In:	0 Ac-ft
	Carryover Transfers Out:	0 Ac-ft
	The Last of Alexander	0.204 A . 6
	lotal Adjusted FPA:	8,384 Ac-ft
	THE RESERVE AND ADDRESS OF THE RESERVE AND ADDRE	
	Subarea: Centro	Subarea: Centro Prior Year Carryover: FPA Transfers In: FPA Transfers Out: Carryover Transfers In:

					4tn	Current	Estimated
State	Local	1st	2nd	3rd	Quarter	Weli	Annual
Well Number	Well Designation	Quarter	Quarter	Quarter	Production	Status*	Production
11N04W29N02	WELL # ALPHA-2 (NORTH)	0.00	0.00	0.00	159.04	A	371.23
11N04W29N03	WELL # ALPHA-I (SOUTH)	0.00	0.00	0.00	23.36	A	214.77
11N04W33C03	WELL # BETA-3	0.00	0.00	0.00	34.00		151.66
11N04W33D02	WELL BETA #4	0.00	0.00	0.00	276.09	A	587.25
11N04W33L01	WELL #BETA-1	0.00	0.00	0,00		M	-
* A=Active	Totals:	0.00	0.00	0,00	492.49	Ac-Ft	1324.92
S=Sold D=Destroyed	Administrative Asses		3.55 per Ac-		1,748.3	H	

S=Sold

D=Destroyed
L=Leased
B=Abandoned
U=Unknown
M=Monitoring
T=Standby

Administrative Assessment @ \$ 3.55 per Ac-Ft
(Production x \$ 3.55)

\$ 1,748.34

(Production x \$ 3.55)

\$ 462.94

\$ 1.748.34

Total Amount Due \$ 2241, 28

Please indicate in the space below, the contact person you wish to receive all Watermaster mailings and their address.

I declare under penalty of perjury that the foregoing information is true and correct:

HOSE MANUEL BLAVO

Individual 10/4/2019

Date

| MOLANE SOLAR INDUSTRIAL OPPOSITION |
Company Agent 10/4/2019

Date

Payment is due and payable October 31, 2019.

Please attach a check to the top copy and return in the enclosed envelope with proper postage.

A charge of 1.25% per month or portion thereof will be assessed to any account past due.

If not received by October 31, 2019 your assessments will be calculated as if 25% of your Base Annual Production was produced.

Please make any corrections and/or additions on this page and attach supporting documentation.

2018-2019 2 nd Quart Gallons to Acre Feet	er Water Production	- MSP				
	Alpha1(South)	Alpha2(North)	Beta 3	Beta 4 (SBC)		Totals
January Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	4,571,576.06	2,868,982.61	15,360.48	755,906.57		
February Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	3,164,462.03	3,990,626.19	96,718.21	40,646.38		
March Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	8,623,289.33	9,905,413.72	7,513,996.29	10,530,180.23		
Total Gallons	16,359,327.42	16,765,022.52	7,626,074.99	11,326,733.19		52,077,158
Acre Feet *	50.21	51.45	23.40	34.76		159.82
Admin Assmt					\$3.55	\$ 567.36
Bio Assmt					\$0.94	\$ 150.23
*Conversion ratio					Total	\$ 717.59

^{*}Conversion ratio
1 US gallon = 3.06888328 × 10-6 acre foot [10 to the 6th]

2018-2019 3 rd Quarte Gallons to Acre Feet	er Water Production	- MSP Acct# MOJ00	1P			
	Alpha1(South)	Alpha2(North)	Beta 3	Beta 4 (SBC)		Totals
April Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	10,944,219.57	12,401,926.21	13,381,369.20	9,297,798.05		
May Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	10,496,223.22	11,411,133.01	6,637,745.64	15,863,826.83		
June Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	16,468,232.11	15,429,451.19	817,016.54	32,459,863.20		
Total Gallons	37,908,674.90	39,242,510.42	20,836,131.38	57,621,488.07		155,608,805
Acre Feet *	116.3379324	120.4313402	63.94400359	176.8345847		477.55
Admin Assmt					\$3.55	\$ 1,695.29
Bio Assmt					\$0.94	\$ 448.89
*Conversion ratio					Total	\$ 2,144.19

^{*}Conversion ratio
1 US gallon = 3.06888328 × 10-6 acre foot [10 to the 6th]

2018-2019 4th Quarte Gallons to Acre Feet	r Water Production	- MSP				
	Alpha1(South)	Alpha2(North)	Beta 3	Beta 4		Totals
July Alpha 1 Alpha 2 Beta 3 Beta 4	7,552,387.89	16,171,538.92	-	36,517,729.81		
August Alpha 1 Alpha 2 Beta 3 Beta 4	35,104.66	17,009,886.69	-	36,045,786.58		
September Alpha 1 Alpha 2 Beta 3 Beta 4	24,205.59	18,641,476.24	11,079,279.70	17,399,943.29		
Total Gallons	7,611,698.14	51,822,901.85	11,079,279.70	89,963,459.68		160,477,339
Acre Feet *	23.35954042	159.0393035	34.00120147	276.0888614		492.49
Admin Assmt					\$3.55	\$ 1,748.34
Bio Assmt					\$0.94	\$ 462.94
*Conversion ratio					Total	\$ 2,211.28

^{*}Conversion ratio 1 US gallon = 3.06888328×10 -6 acre foot [10 to the 6th]

2019-2020 1st Quart Gallons to Acre Feet	er Water Production	- MSP				
	Alpha1(South)	Alpha2(North)	Beta 3	Beta 4 (SBC)		Totals
October Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	12,063,446	8,809,453.56	7,020,932.32	13,640,743.15		
November Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	5,758,260.81	6,587,334.10	6,603,907.65	5,346,992.22		
December Alpha 1 Alpha 2 Beta 3 Beta 4 (SBC)	1,201,277.00	1,419,877.74	1,739,762.23	2,216,643.71		
Total Gallons	19,022,983.76	16,816,665.39	15,364,602.21	21,204,379.08		72,408,630
Acre Feet *	58.37963487	51.60866441	47.15242771	65.07411896		222.21
Admin Assmt					\$3.55	\$ 788.86
Bio Assmt					\$0.95	\$ 211.10
*Conversion ratio					Total	\$ 999.97

^{*}Conversion ratio 1 US gallon = 3.06888328×10 -6 acre foot [10 to the 6th]

Estimated annual production for Mojave Solar LLC

ı	A1	A2	B3	B4
ı	214.77	371.23	151.66	587.25

Total:	1324.92
--------	---------

09-AFC-5C Soil&Water-11, -12

Mojave Solar Project Water Sequestration Worksheet

Date: 2/28/2019
Completed by: Jose Manuel Bravo Romero
MWA Annual Report Issue Date: (will be approx. May 1, 2019)

Mojave Water Basin - Centro Subarea

Water Year:
FPA:
Carryover FPA:
Total Project Pumping for Water
Year (acre-feet):

of BAP (2018 - 2019) Determined annually by MWA Determined annually by MWA

(2,160 AF/y max. per CEC permit)

	Mojave Solar Groundwater Allocation (AF/yr)	Ground Water Calculations (acre-feet)		
		Industrial	Agricultural*	
1	Base Annual Production (BAP)	5,239	10,478	
3	Base Free Production Allowance (FPA)	4,191	8,382	
4	Carryover FPA	4,192	8,384	
5	Total FPA Available	8,383	16,766	
6	Total Project Pumping for Water Year (1)	1,306	2,612	
8	FPA Remaining after Project Pumping	7,077	14,154	
9	FPA required for sequestration		1,306	
10	Agricultural* FPA Remaining after Sequestration		12,848	

2019

80%

4,192

1,306

(1) The actual pumping is shown in the Industrial column. It is multiplied by 2, to account for the Ag. conversion for CEC accounting.

From the adjudication:

The Base Annual Production Right is the "relative Annual right of each Producer to the Free Production Allowance within a given Subarea." The Free Production Allowance is the "total amount of water, and any Producer's share thereof, that may be Produced from a Subarea each Year free of any Replacement Obligation."

To the extent that any producer's production exceeds his Base Annual Production Right, the Watermaster will provide replacement water to replace excess production, for which the producer pays a Replacement Water Assessment

^{*}Note:All Mojave Solar Project-related agricultural water rights have been converted to industrial water rights by the Mojave Basin Watermaster. This column is presented for the purpose of CEC License (09-AFC-5c) calculations related to COC's Soil&Water-11 & -12.

09-AFC-5C Soil&Water-11, -12

Annual and Cumulative FPA Sequestered

From Soil&Water-11:

<u>Verification:</u> The volume of FPA sequestered shall be documented in the Annual Compliance Report submitted to the CPM and Watermaster. This documentation shall include a table showing the annual and cumulative total FPA sequestered.

	Annual FPA Sequestered	Cumulative FPA Sequestered
Water Year	(acre-feet)	(acre-feet)
2014 - 2015	1,389	1,389
2015 - 2016	1,656	3,045
2016 - 2017	1,506	4,551
2017 - 2018	1,632	6,183
2018 - 2019	1,306	7,489



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix Q

2019 SOIL&WATER-10 SBC annual operating permit.

Mojave Solar Project
Annual Compliance Report
San Bernardino County, California

2019 Reporting Period

ABENGOA NORTH AMERICA



Mojave Solar LLC 42134 Harper Lake Road Hinkley, California 92347

Phone: 760-308-0400

Subject: 09-AFC-5C Condition Number: SWAT 10

Description: Nontransient-noncommunity System Ground Water

Permit

Submittal Number: SWAT10-19-00

April 9, 2019

Keith Winstead, CPM California Energy Commission 1516 Ninth Street Sacramento, CA 95814 keith.winstead@energy.ca.gov

Dear Mr. Rundquist,

Pursuant to Condition of Certification Soil and Water 10, attached are the renewed potable water permits for Alpha and Beta (permits number PT0032003 and PT 0032002 respectively).

For your convenience we are including here the compliance language:

Verification: The project owner shall obtain a permit to operate a nontransient, non-community water system with the County of San Bernardino at least sixty (60) days prior to commencement of construction at the site. The project owner shall supply updates annually for all monitoring requirements and submittals to County of San Bernardino related to the permit, and proof of annual renewal of the operating permit.

As always, please contact me with any question.

Sincerely,

Jose Manuel Bravo Romero Manager Permitting, Compliance Quality and Environment Department

ABENGOA

NORTH AMERICA

ASI Operations LLC 42134 Harper Lake Rd Hinkley, CA 92347 Cell: (303) 378-7302

imanuel.bravo@abengoa.com

Attachments: Nontransient-noncommunity System Ground Water renewed Permits for Alpha and Beta.

Page 1 of 5

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

OWNER OF RECORD:

MOJAVE SOLAR LLC

REGULATED FACILITY: FA

FA0028763

FACILITY LOCATION:

MOJAVE SOLAR PROJECT ALPHA POWER PLANT POTABLE TREATMENT FACILITY

EXPIRES: 2/28/2020

42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element

4634 Nontransient-noncommunity Sys - Ground Water

Program Identifier

3601184

Permit # PT0032003 Program # WA0001028

TOTAL FEE PAID: \$1,121.00

THIS IS NOT AN INVOICE

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This permit may be suspended or revoked by the Department of Public Health, Environmental Health Services for cause. This permit is granted on the condition that the permittee will comply with the laws, ordinances, and regulations that are now or may hereafter be enforced by the United States Government, the State of California, and the County of San Bernardino pertaining to the below mentioned business. Penalty fees are assessed on permits renewed 30 days after the expiration date indicated above, or for failure to obtain a new permit in case of transfer of ownership.

The Business Owner is responsible for timely renewal. Not receiving a renewal notice for any reason does not mitigate responsibility for timely payment. If not paid within 30 days of the expiration date shown, a 25% penalty will be imposed.

Jemiski M Osorio

Page 2 of 5

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

OWNER OF RECORD: **MOJAVE SOLAR LLC**

REGULATED FACILITY: FA0028763

FACILITY LOCATION: MOJAVE SOLAR PROJECT ALPHA POWER

PLANT POTABLE TREATMENT FACILITY

EXPIRES: 2/28/2020

42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element Permit # Program # **Program Identifier**

Permit Conditions

Introduction Mojave Solar Project Alpha (hereinafter "Water System") is a public water system classified as a non-transient non-community water

system. The Water System serves a solar power plant with approximately 60 employees. The Water System maintains a minimum Distribution 1 (D1) Operator and Treatment 2 (T2) Operator as required for a non-transient non-community water system using treatment

Sources The sources of supply are two vertical wells, Alpha 1 (permit #2012010027) and Alpha 2 (permit #2012010026). Both wells were

constructed in 2012 with a 50-foot sanitary seal, are outfitted with 250-horsepower turbine pumps, and produce 1,150-gallons per minute each. Alpha 1 and 2 were constructed to a depth of 640-feet. The well completion reports are on file with the Division of Environmental

Health Services (DEHS).

DWSAP A Drinking Water Source Assessment and Protection (DWSAP) Program has not been completed for the wells.

<u>Treatment</u> A reverse osmosis (RO) treatment unit is used to remove TDS (total dissolved solids) and arsenic. The RO unit is a zero-liquid discharge unit where the reject water goes to the water softener to reduce hardness and silica to be used as process water in the industrial system. A backflow prevention assembly device is installed for the water softener and shall be tested annually by a certified commercial backflow tester. The filter media is changed approximately every two to three months when the water pressure in the system is five to seven psi. The RO reject line has a testable check valve, model G&E DM40 CFAN, which shall be tested annually by a certified commercial backflow tester. The RO effluent fills the potable storage tank and is protected by a reduced pressure backflow prevention device.

TOTAL FEE PAID: \$1,121.00 THIS IS NOT AN INVOICE

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MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

OWNER OF RECORD: **MOJAVE SOLAR LLC**

REGULATED FACILITY: FA0028763

FACILITY LOCATION: MOJAVE SOLAR PROJECT ALPHA POWER

PLANT POTABLE TREATMENT FACILITY

EXPIRES: 2/28/2020

42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element Program Identifier

Storage The Water System has two storage tanks: Tank #1 and Tank #2. Tank #1 is steel bolted and has a capacity of 1.15-million gallons. Tank #1 receives raw water for the industrial and fire systems. Check valves for the fire lines and pumps have been installed. Additionally, the fire system is connected to an alarm that signals loss of pressure such as in the event of a leak. Tank #2 has a capacity of 2,640-gallons and is constructed of welded steel. Tank #2 receives RO effluent water for the potable system. Tank #2 has an air gap inside as well as a level transmitter, which automatically shuts off the water well pump to prevent overflow. The Water System also has three 10-hp booster pumps for the distribution system. Each storage tank is equipped with a ladder and fall protection. Tank #2 has a reduced pressure backflow prevention device installed to protect the RO effluent entering the tank.

TOTAL FEE PAID: \$1,121.00 THIS IS NOT AN INVOICE

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PERMIT

NON-TRANSFERABLE

Page 4 of 5

OWNER OF RECORD: **MOJAVE SOLAR LLC**

REGULATED FACILITY: FA0028763

FACILITY LOCATION: MOJAVE SOLAR PROJECT ALPHA POWER

PLANT POTABLE TREATMENT FACILITY

42134 HARPER LAKE RD HINKLEY, CA 92347

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element

Program Identifier

Program #

EXPIRES: 2/28/2020

Water Quality Mojave Solar Project Alpha has submitted water quality analysis results for general mineral and general physical constituents, nitrate/nitrite, and total coliform bacteria. The Water System must adhere to the sampling requirements for a non-transient non-community water system set forth by Title 22, California Code of Regulations (CCR). The Water System shall monitor the water monthly at a minimum for total coliform bacteria or as required by DEHS. The water shall be analyzed for nitrate as nitrogen (NO3-N) annually and for nitrite as nitrogen (NO2-N) every three years.

> Both water well sources have high levels of arsenic. On 04/23/15, Alpha 1 had arsenic levels of 14 ppb and Alpha 2 had arsenic levels of 17 ppb. The maximum contaminant level (MCL) for arsenic is 10 ppb. The RO treatment unit effectively removes arsenic to levels of no detection based on laboratory analysis sampled on 04/27/17. The Water System must continue to monitor for arsenic monthly from the RO treatment unit effluent and quarterly from each water well source.

The water is also high in the following secondary contaminants:

TDS (last analysis = 04/23/15, result = 1,600 ppm, MCL = 1,000 ppm), chloride (last analysis = 04/23/15, result = 540 ppm, MCL = 500 ppm), and specific conductance (last analysis = 04/23/15, result = 2,700 ppm, MCL = 1,600 ppm).

TDS (last analysis = 04/23/15, result = 1,300 ppm, MCL = 1,000 ppm) and specific conductance (last analysis = 04/23/17, result = 2,100 ppm, MCL = 2,000 ppm).

Additionally, the Water System is currently operating under a temporary potable water system permit and has applied for a full potable water system permit pending approval.

Emergency An Emergency Notification Form (2017) and Emergency Response Plan (2017) are on file with DEHS.

TOTAL FEE PAID: \$1,121.00

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Page 5 of 5

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347 OWNER OF RECORD: MOJAVE SOLAR LLC

REGULATED FACILITY: FA0028763

FACILITY LOCATION: MOJAVE SOLAR PROJECT ALPHA POWER

PLANT POTABLE TREATMENT FACILITY

Permit #

EXPIRES: 2/28/2020

Program #

42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element Program Identifier

BSSP A Bacteriological Sample Siting Plan (2012) is on file with DEHS.

Appraisal The system appears to be in good condition.

TOTAL FEE PAID: \$1,121.00

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Jemiski M Osorio

Page 1 of 5

MOJAVE SOLAR LLC

OWNER OF RECORD: REGULATED FACILITY:

FA0028762

FACILITY LOCATION:

MOJAVE SOLAR PROJECT BETA POWER PLANT POTABLE TREATMENT FACILITY

EXPIRES: 2/28/2020

42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element

4634 Nontransient-noncommunity Sys - Ground Water

MOJAVE SOLAR LLC

HINKLEY, CA 92347

42134 HARPER LAKE RD

Program Identifier

3601185

Permit # PT0032002 Program # WA0001027

TOTAL FEE PAID: \$1,121.00

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MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

OWNER OF RECORD: **MOJAVE SOLAR LLC**

REGULATED FACILITY: FA0028762

FACILITY LOCATION: MOJAVE SOLAR PROJECT BETA POWER PLANT POTABLE TREATMENT FACILITY

> 42134 HARPER LAKE RD HINKLEY, CA 92347

EXPIRES: 2/28/2020

Program Element Permit # Program # **Program Identifier**

Permit Conditions

Introduction Mojave Solar Project Beta (hereinafter "Water System") is a public water system classified as a non-transient non-community water

system. The Water System serves a solar power plant with approximately 60 employees. The Water System maintains a minimum Distribution 1 (D1) Operator and Treatment 2 (T2) Operator as required for a non-transient non-community water system using treatment

Sources The source of supply are two vertical wells, Beta 3 (permit #2012060313) and Beta 4 (permit #2014001056). Both wells were

constructed in 2012 to a depth of 650-feet with a 50-foot sanitary seal, are outfitted with 250-horsepower turbine pumps, and produce 1,150-gallons per minute each. The well completion reports are on file with the Division of Environmental Health Services (DEHS). The

two vertical wells are equipped with functioning flow meters and sampling taps.

DWSAP A Drinking Water Source Assessment and Protection (DWSAP) Program was not completed.

Treatment A reverse osmosis (RO) treatment unit is used to remove TDS (total dissolved solids) and arsenic. The RO unit is a zero-liquid discharge unit where the reject water goes to the water softener to reduce hardness and silica to be used as process water in the industrial system. A backflow prevention assembly is installed for the water softener and shall be tested annually by a certified commercial backflow tester.. The filter media is changed approximately every two to three months when the water pressure in the system is five to seven psi. The RO reject line has a testable check valve, model G&E DM40 CFAN, which shall be tested annually by a certified commercial backflow tester. The effluent fills the potable storage tank and is protected by a reduced pressure backflow prevention device is installed.

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MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

OWNER OF RECORD: **MOJAVE SOLAR LLC**

REGULATED FACILITY: FA0028762

FACILITY LOCATION: MOJAVE SOLAR PROJECT BETA POWER PLANT POTABLE TREATMENT FACILITY

42134 HARPER LAKE RD

EXPIRES: 2/28/2020

HINKLEY, CA 92347

Program Element Program Identifier

Storage The Water System has two storage tanks: Tank #1 and Tank #2. Tank #1 is steel bolted and has a capacity of 1.15-million gallons. Tank #1 receives raw water for the industrial and fire systems. Check valves for the fire lines and pumps have been installed. Additionally, the fire system is connected to an alarm that signals loss of pressure such as in the event of a leak. Tank #2 has a capacity of 2,640-gallons and is constructed of welded steel. Tank #2 receives RO effluent water for the potable system. Tank #2 has an air gap inside as well as a level transmitter, which automatically shuts off the water well pump to prevent overflow. The Water System also has three 10-hp booster pumps for the distribution system. Each storage tank is equipped with a ladder and fall protection. Tank #2 has a reduced pressure backflow prevention device installed to protect the RO effluent entering the tank.

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PERMIT

NON-TRANSFERABLE

Page 4 of 5

OWNER OF RECORD: MOJAVE SOLAR LLC

REGULATED FACILITY: FA0028762

FACILITY LOCATION: MOJAVE SOLAR PROJECT BETA POWER PLANT POTABLE TREATMENT FACILITY

42134 HARPER LAKE RD

HINKLEY, CA 92347

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347

Program Element

Program Identifier

ermit #

rogram #

EXPIRES: 2/28/2020

Water Quality Mojave Solar Project Beta has submitted water analysis results for general mineral and general physical constituents, nitrate/nitrite, and total coliform bacteria. The Water System must adhere to the sampling requirements for a non-transient non-community water system set forth by Title 22, California Code of Regulations (CCR). The Water System shall monitor the water monthly at a minimum for total coliform bacteria or as required by DEHS. The water shall be analyzed for nitrate as nitrogen (NO3-N) annually and for nitrite as nitrogen (NO2-N) every three years.

Both water well sources have detection of high arsenic levels. On 02/16/16, Beta 3 had arsenic levels of 11 ppb and on 04/23/15, Beta 4 had arsenic levels of 9.5 ppb. The maximum contaminant level (MCL) for arsenic is 10 ppb. The RO treatment unit effectively removes arsenic to levels of no detection based on laboratory analysis sampled on 04/27/17. The Water System must continue to monitor for arsenic monthly from the RO treatment unit effluent and guarterly from each water well source.

The water is also high in the following secondary contaminants:

TDS (last analysis = 04/04/17, result = 1,700 ppm, MCL = 1,000 ppm), chloride (last analysis = 04/04/17, result = 540 ppm, MCL = 500 ppm) and specific conductance (last analysis = 04/04/17, result = 2,500 ppm, MCL = 1,600 ppm).

Beta 4

TDS (last analysis = 04/04/17, result = 1,800 ppm, MCL = 1,000 ppm), chloride (last analysis = 04/04/17, result = 650 ppm, MCL = 500 ppm) and specific conductance (last analysis = 04/04/17, result = 2,800 ppm, MCL = 2,000 ppm).

Additionally, the Water System is currently operating under a temporary potable water system permit and has applied for a full potable water system permit pending approval.

Emergency An Emergency Notification Plan (2017) and an Emergency Response Plan (2017) are on file with DEHS.

TOTAL FEE PAID: \$1,121.00

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Jernick M Osorio

Page 5 of 5

MOJAVE SOLAR LLC 42134 HARPER LAKE RD HINKLEY, CA 92347 OWNER OF RECORD: MOJAVE SOLAR LLC

REGULATED FACILITY: FA0028762

FACILITY LOCATION: MOJAVE SOLAR PROJECT BETA POWER PLANT POTABLE TREATMENT FACILITY

42134 HARPER LAKE RD HINKLEY, CA 92347

EXPIRES: 2/28/2020

Program Element Program Identifier Permit Program

BSSP A Bacteriological Sample Siting Plan (2012) is on file with DEHS.

Appraisal The system appears to be in good condition.

TOTAL FEE PAID: \$1,121.00

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Jemiski M Osorio



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix R

2019 WORKER SAFETY 6 WKSF6-04-00, SBCFD Annual O&M Contribution Verification (2019).

Mojave Solar Project

Annual Compliance Report

San Bernardino County, California

2019 Reporting Period

42134 Harper Lake Road Hinkley, California 92347 Phone: 760 308 0400

Submitted Electronically

Subject: 09-AFC-5C

Condition: WORKER SAFETY-6

Description: SBCFD Annual O&M Contribution Verification (2018 –

2019)

Submittal Number: WKSF6-06-00

January 31, 2020

Keith Winstead Compliance Project Manager California Energy Commission 1516 Ninth Street, MS-2000 Sacramento, CA 95814 keith.winstead@energy.ca.gov

Dear Mr. Winstead,

Attached, please find confirmation of the Mojave Solar Project's compliance with WORKER SAFETY-6, with respect to the annual O&M Contributions as required by Section 2(b) of the Agreement By and Among The San Bernardino County Fire Protection District and The County of San Bernardino and Mojave Solar LLC Related to Fire Protection and Emergency Medical Services Mitigation for the Mojave Solar Project (the "Fire Services Agreement").

The backup documentation provides support for (i) agreement by SB County Fire with the calculated payment amount and allowable tax offsets, (ii) confirmation of receipt of payment by SB County Fire, (iii) the calculation of the payment amount and allowable tax offsets with references to the applicable sections of the Fire Services Agreement; (iv) parcel maps and property tax statements, (v) the allocation of property tax payments to MSP for the applicable parcels, and (vii) the General Fund share allocation table.

Should you have any questions or comments, please don't hesitate to contact me.

Sincerely,

Jose Manuel Bravo Romero

Manager

Permitting, Compliance, Quality & Environmental Department

ASI Operations LLC

42134 Harper Lake Rd Hinkley, CA 92347 Cell: (303) 378-7302

jmanuel.bravo@atlanticayield.com

Attachments: Backup documentation. Payment receipt confirmation and calculation.

Mojave Solar Project O&M Contribution for the period 4/24/18-4/23/19

Calculation of O&M Contribution	Comments
Prior Year O&M Contribution Annual Value	\$ 411,000.00 Initial Year
ECI for December 2018	3.00% See Attachment 4
Total O&M Contribution Due for This Period	\$ 423,330.00 See Section 2(a) Below
Property Tax Offset	
MSP Property Taxes Paid APN 0490-121-49 (TRA 56103)	\$ 886,418.07 See Attachment 1
MSP Property Taxes Paid APN 0490-121-49 (TRA 56103)	\$ 314,630.68 See Attachment 1
SB County General Fund Share for TRA 56103	17.3568% See Attachment 3
Property Taxes to SB General Fund	\$ 208,463.53 Taxes x TRA GF Share %
Sales Taxes Paid to SB General Fund	\$ - Sales Taxed Paid (*)
Calculated Offset (max 60% of \$423,330.00)	\$ (208,463.53) See Section 3(b) Below
Net O&M Contribution Due	\$ 214,866.47

(*) See calculations on separate attached PDF.

Section 2(a):

- 2. Contributions to Mitigate Fire and Emergency Response.
- (a) Annual Operations and Maintenance Costs. Beginning on the April 24, 2012, being the date the project commences construction of above-ground structures, (such date the "Commencement Date"), MS shall owe its contribution (subject to partial year proration and the offsets described in Section 3) per annum to SBCFPD to fully mitigate any and all operations and maintenance costs in connection with any need to provide fire protection and emergency response services to the Project ("O&M Contribution"), payable annually, in arrears. The amount of the O&M Contribution from the Commencement Date through the day before the date on which the project commences commercial operation, as such term is defined in California Energy Commission Decision CEC-800-2010-008 CMF, ("Operations Date") shall be \$318,000 per annum. The O&M Contribution shall be adjusted annually for each fiscal year (April 24 to April 23) in accordance with the United States Department of Labor Bureau of Labor Statistics Employment Cost Index= for Total Compensation (Not Seasonally Adjusted) for Private Industry Workers for the Los Angeles-Long Beach-Riverside, California Census Region and Metropolitan Area ("ECI"), or a comparable index agreed to by the Parties if such index is no longer available. The adjustment shall be based on the most recent 12-month ECI percentage change published prior to April 24 of each year.

The amount of the O&M Contribution from the Operations Date through the Termination Date ("Operations Period") shall be \$411,000 per annum. The O&M Contribution payment shall be due on April 23 of each year following the Commencement Date through the Termination Date (as defined below) and prorated for partial years.

Section 3(b):

(b) Credit for Certain Property Tax Payments

In addition to any refunds or offsets determined under subsection 3(a) or 3(c), up to sixty percent (60%) of the O&M Contribution shall be offset, on a dollar for dollar basis, by any property and/or possessory interest tax revenue from the Project. Tax revenue shall be calculated as an appropriate percentage of property and/or possessory tax payments made on Assessor Parcel Numbers ("APNs") for the Project (a current list of APNs attached hereto as Exhibit "D"). Tax payments shall be evidenced by payment amounts for such APNs as set forth on the County Tax Collector's website (http://www.mytaxcollector.com/trSearch.aspx, as it may be amended). Tax payments shall not include any amounts paid for penalties or interest. In the event any property tax refunds are issued for such APNs, the amount of property tax payments used to calculate tax revenue shall be reduced by the amount of the refund(s).

Amounts offset pursuant to this Section 3(b) shall be applied to the O&M Contribution due and payable for the tax year in which the applicable property and/or possessory interest tax revenue from the Project was accrued, prorated for partial years. By way of illustration, if an O&M Contribution was due on April 23, 2015, tax revenue from the tax year from April 24, 2014 through April 23, 2015 would be applied to offset the O&M Contribution due on April 23, 2015. Such offsets amount shall be calculated by MS and submitted to SBCFPD for review and approval prior to offsetting the O&M Contribution.

Invoice No. MSOL2019

INVOICE =

Bill to: MOJAVE SOLAR LLC ATTEN: Claudia Brkich

March 22, 2019

PAYMENT DUE BY APRIL 23, 2019

DESCRIPTION	Amount Due	Amount Due
O&M CONTRIBUTION PERIOD 4/24/18 PROPERTY TAX CREDITS	\$423,330.00 (\$208,463.53)	\$214,866.47
Payment Details San Bernardino County Fire Department 157 W. 5th Street, 2nd Floor		
San Bernardino, CA 92415-0451 WF Bank Account 4941044786	BALANCE DUE	\$214,866.47
WF Routing Nbr 121000248	Office Use Only: 5909432444 GL: 40709860	

If you have any questions, please call Karen Page at (909) 387-5625.

Jose Manuel Bravo Romero

From: Ronald Wright

Sent: Friday, January 31, 2020 11:22 AM

To: Jose Manuel Bravo Romero; Claudia Brkich

Subject: RE: San Bernardino PR

Attachments: SBC_Fire_MSOL2019_6442.pdf

Hi Chema,

Are you referring to the O&M Annual contribution? If so hopefully this works:

Supplier	Invoice Number	Date	Amount
San Bernardino County	MSOL2019	3/22/2019	214,866.47

Supplier	San Bernardino County
Name of financial institution	Wells Fargo Bank
Address of financial institution	333 S Grand Ave 5th Floor, Los Angeles, CA 90071
Swift Code of financial institution	WFBIUS6S
Account number	4941-04-4786
Routing Transit Number / ABA	121-000-248
Taxpayer ID number	0
Ref Mojave Solar - Invoices	MSOL2019
Amount Payable	214,866.47
-	

04/29/2019	1028911249Z1V	Z1V-Mojave Oper Cst Disb Sub USD	ACH Debits
04/20/2010	1020311243211	ZIT Mojave Oper Ost Disb out OOD	HOLLDCORD

Thanks!

Best regards,

Ronald Wright

Assistant Controller



ronald.wright@atlanticayield.com

1553 W, Todd Dr, Suite 204 Tempe, AZ 85283 Direct: 602.476.1375 www.atlanticayield.com



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix S

2019 VIS 2 Tree replacement pictures 2019 VIS 4 Perimeter Fence damage (nothing to report for 2019)

Mojave Solar Project
Annual Compliance Report
San Bernardino County, California

2019 Reporting Period

42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

January 31, 2020

Trees replaced during 209 representative pictures:

Sylvia Schiortino's house August 01, 2019. 6 trees. 15563 Edie Road. Hinkley CA.

Before 08/01/2019













Mojave Solar LLC 42134 Harper Lake Road Hinkley, California 92347 Phone: 760 308 04

Phone: 760 308 0400

After, 08/26/2019













Attachment: Letter provided to and signed by Mrs. Schiortino.



Mojave So ar Project 42134 Harper Lake Road Phone: 760 308 0400 Hinkley California 9./347

September 12, 2019

Mrs. Sylvia Sciortino and Mr. Vito Sciortino 15563 Edie Rd Hinkley, CA 92347

Re: Trees Planted by MSLLC

Dear Mrs. and Mr. Sciortino:

On November 2013 a letter from Mojave Solar Project went out to those that requested to participate on the offsite landscape screening program. As per Condition of Certification VIS2 included on the Mojave Solar Project granted California Energy Commission's permit, "The project owner will replace plants that fail to thrive for a period of five years from installation;" On November of 2018, MSLLC finished their obligation to provide care for the planted trees.

As bona fide act, we replaced six more trees during August 2019, following a call from SS on July 2019, but this letter has the intention to inform you that no more trees will be replaced by MSLLC in the future, since our permit's obligation has already ended.

We will still provide you with a warranty of one year from 8/26/2019 for the six trees replaced on that specific date.

Also, the landscaper has provided the attached letter containing care instructions to follow, to ensure the health of your trees.

Please let me know if you have any questions.

Thank you,

José Manuel Bravo. Compliance Manager



Mojave Solar Project 42134 Harper Lake Road Phone: 760 308-0400 Hinkley California 92347

ASI Operations LLC

42134 Harper Lake Rd Hinkley, CA 92347 Cell: (303) 378-7302 Office: (760)-308 2601

jinanuel.bravo@abengoa.com

Attachment: Ca Data Sheet.	re guideline for the repla	ced trees. US Depa	ortment of Agriculture
Received by:			
Signature		Printed name	
	recent co-		Suatino



Mojave Solar Project 42134 Harper Lake Road Phone 760 308-0400 Hinkley California 92347

Guideline:

Sweetgum (*Liquidambar styraciflua*) grows in a narrow pyramid to a height of 75 feet and may spread to 50 feet (Fig. 1). He beautifully glossy, star-shaped leaves turn bright red, purple, yellow or orange in the fall (USDA hardiness zones 6 and 7) and early winter (USDA hardiness zones 8 and 9).

Liquidambar can tolerate dry soil but does best in conditions that are hydrated yet properly drained like sandy or clay-type soil that's acidic (avoid swampy, stagnant earth). Please be sure to give the trees an extra water during the early growth stages. Water generously all the trees, regardless of its age if temperature soar, which can cause your tree to dehydrate.

When it comes to feeding your liquidambar tree, any all-purpose fertilizer or manure should do the trick, but there's one thing more important than plant food that will help your tree thrive, adding an inch or two of mulch to the top of the soil in which your liquidambar tree is planted. That will help maintain the proper water levels needed for the tree to grow properly.

Make sure you follow these instructions to have a nice and healthy tree, otherwise you run the risk to have them die.

Sincerely.

MSP.

1002 truce



Plant Fact Sheet

SWEETGUM

Liquidambar styraciflua L. Plant Symbol = LIST2

Contributed by, USDA NRCS Plant Materials Program



USDA NRCS National Plant Materials Center Beltsville MD

Alternate Names

redgum, sapgum, starleaf-gum, bilsted

Uses

Erosion Control: Sweetgum is a good choice as a windbreak tree because of its fast growth and tolerance of a wide variety of sites.

Hildlife: Its seeds are eaten by birds, squirrels, and chipmunks.

Timber: Sweetgum is primarily used for lumber, veneer, plywood, slack cooperage, railroad ties, fuel and pulpwood. Its wood is used for veneer, furniture, interior trim, and wooden ware, in addition to pulpwood for fine papers.

Recreation and Beautification: It is used as a specimen plant, shade tree, and street tree.

Status

Please consult the PLANTS Web site and your State Department of Natural Resources for this plant's current status (e.g. threatened or endangered species, state noxious status, and wetland indicator values).

Description

Liquidambar styraciflua L., sweetgum, is native to southeastern, east-central, and south-central United States, southern Mexico, and central America. It is a large deciduous hardwood tree, which can grow to over 100 feet in height and 3 to 5 feet in diameter, with a symmetrical, cone-shaped crown. The bark is grayish brown, deeply furrowed into narrow, somewhat rounded ridges. The leaves are alternate, simple, and palmately lobed with 5-7 points resembling a star in shape, dark green and lustrous above, paler underneath. Flowers are monoecious, female, on a slender stalk terminated by a 1/2 inchdiameter globose head consisting of 2-beaker ovaries subtended by minute scales. The fruit is a dangling brown, woody spiny tipped "gum ball" with seeds brownish and winged.

Adaptation and Distribution

In the wild, sweetgum grows in bottomland areas with rich, moist soil, but can tolerate a variety of soil conditions. The tree does not do well planted in locations where roots are limited in their development. It grows best on moderately coarse to fine soils that are well drained and slightly acid (pH 6.1-6.5). It develops a deep taproot with numerous highly developed laterals on well drained bottomland sites and a shallow, wide spreading root system on poorly drained sites. Sweetgum is very intolerant to shade but tolerant to flooding. It also tolerates seaside sites if protected from high winds.

Sweetgum is distributed throughout the east and southeast portions of the United States. For a current distribution map, please consult the Plant Profile page for this species on the PLANTS Website.

Establishment

Sweetgum can regenerate naturally from root sprouts following logging. It can be successfully established using quality seedlings with a large root-collar diameter of at least ¼ inch. Mycorrhizae can significantly improve seedling quality. Soil amended with as little as ½ inch of sewage sludge (disked into the soil) can result in better growth at outplanting.

Leafy cuttings taken with a heel can be readily rooted under mist in summer. Transplant balled and burlapped plants in spring into deep, moist, slightly acid soil, full sun. The root system is fleshy, not greatly fibrous, and takes a while to reestablish.

Plant Materials -http://plant-materials.nrcs.usda.gov Plant Fact Sheet/Guide Coordination Page http://pdc.usda.gov/intranet/pfs.html National Plant Data Center http://ppdc.usda.gov Seeds exhibit only a shallow dormancy, but germination rate is considerably increased by cold, moist stratification at 41 °F for 15 to 90 days in moist sand. Prechilled seeds should be broadcast or drilled to achieve a seedling density of 20-25 per square ft. Seeds should be sown on the soil surface and lightly pressed into the soil. A mulch of sawdust, sand or chopped pine needles should be applied. There are approximately 0.8 lb of clean seeds per bushel of fruit and the average number of seeds per lb is 82,000.

Management

Adequate sunlight is required for sweetgum to reach its potential. Young trees are able to withstand crowding, however, they become intolerant to competition with increasing age. Removal of overstory trees results in rapid growth of young sweetgum trees.

Pests and Potential Problems

Sweetgum is susceptible to iron chlorosis on high pH soils, frost damage to late summer shoot growth, occasional bleeding necrosis, leader dieback, sweetgum blight, leaf spots, sweetgum webworm, caterpillars, cottony-cushion scale, sweetgum scale, and walnut scale.

Cultivars, Improved, and Selected Materials (and area of origin)

'Burgundy,' 'Moraine,' 'Festival,' 'Obtusiloba,' 'Gumball,' 'Palo Alto,' 'Levis,' and 'Variegata.' Sweetgum seeds are commercially available from forest seed companies.

Prepared By & Species Coordinator: USDA NRCS National Plant Materials Center Beltsville, Maryland

Edited 05 Feb2002 JLK, 060802 jsp

For more information about this and other plants please contact your local NRCS field office or Conservation District and visit the PLANTS Web sitehttp://plants.usda.gov or the Plant Materials Program Web site http://Plant-Materials.nrcs.usda.gov >

The U.S. Department of Igraculture (USDA) probabilist discrimination in all its programs and activities on the basis of race color national origin sex religion, age disability political beliefs sexual orientenion, and married or family status. (Not all prolified bases apply to all programs) Persons with disabilities who require alternative means for communication of program information (Braille, large print, auchtragie, etc.) should contact USDA's TARGET Center of 202-720-2600 (voice and TDA).

To file a complaint of discrementation write USFA Director Office of Civil Rights Room 326-W. Whitein Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 in coll.

202-720-5964 (voice or TDD) (SD) is an equal opporto as provider and employer.

Read about 1 vo Pights at the Natural Resources Convervata a Service

25 cuortio



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix T

2019 TLSN 4 Annual Compliance Report for transmission line safety and nuisance-related requirements report

Mojave Solar Project
Annual Compliance Report
San Bernardino County, California

2019 Reporting Period



Mojave Solar Project 42134 Harper Lake Road Phone: 760-308-0400 Hinkley, California 92347

January 29, 2020

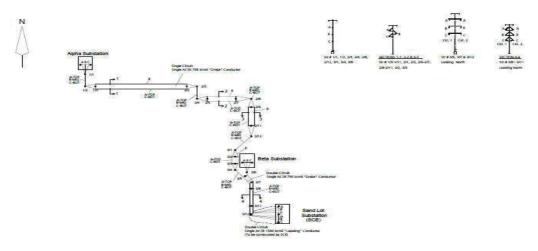
Submitted electronically

Mojave Solar LLC 42134 Harper Lake Road, Hinkley, CA

Summary of Inspection Records-2019

Per TLSN-4, the high voltage transmission line is located within the Mojave plant's fenced perimeter and is included in regular inspection list managed by the maintenance and Q&E departments. The inspections ensure that there was at least 10 feet of clearance around the electric poles located within Mojave Solar site. Herbicide gets regularly spread to ensure no weeds grow around the poles. There was no combustible substance staged underneath the transmission lines. No fire incident had occurred underneath the transmission lines or around the electric poles. As part of BIO17 Bird Monitoring Plan, the Gen-tie line is currently checked in a monthly basis since September 2017.

Transmission line Layout:



Sincerely,

Jose Manuel Bravo Romero Manager Compliance, Quality and Environment Department

ASI Operations LLC

Mojave Solar Project

42134 Harper Lake Rd

Hinkley, CA 92347

Cell: (303) 378-7302

jmanuel.bravo@atlanticayield.com



42134 Harper Lake Road Hinkley, California 92347

Phone: 760 308 0400

Appendix U

2019 Worker Safety 9 SBCFD invitation and records of drill

Mojave Solar Project
Annual Compliance Report
San Bernardino County, California

2019 Reporting Period

Jose Manuel Bravo Romero

From: Jose Manuel Bravo Romero

Sent: Friday, November 22, 2019 9:37 AM

To: rfimbres@terra-gen.com; cmarkloff@sbcfire.org

Cc: Emiliano Garcia Sanz; Nicholas Potrovitza; Enrique Guillen; Adriana Valencia Endress;

Eduardo Martínez Delgado

Subject: 2019 Mojave Solar Project's Annual Environmental / Evacuation Drill.

Colleagues and Neighbors,

I would like to cordially invite you to the Mojave Solar Project's Annual Environmental / Evacuation Drill scheduled for 12/05/2019 at 10:00 am.

Please let us know if you plan to attend so we can prepare visitor passes in advance.

Looking forward to see you onsite.

Best regards / Saludos.

José Manuel Bravo Romero

Manager. Permitting, Compliance, Quality & Environmental Department.



jmanuel.bravo@atlanticayield.com Mojave Solar LLC 42134 Harper Lake Road Hinkley, CA 92347 T 760-308-2601 C 303-378-7302

www.atlanticayield.com

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link: https://www.atlanticayield.com/web/en/gdpr_business_contacts/index.html

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Jose Manuel Bravo Romero

From: Jose Manuel Bravo Romero

Sent: Wednesday, December 4, 2019 7:53 AM

To: 'rfimbres@terra-gen.com'; 'cmarkloff@sbcfire.org'

Cc: Emiliano Garcia Sanz; Nicholas Potrovitza; Enrique Guillen; Adriana Valencia Endress;

Eduardo Martínez Delgado

Subject: RE: 2019 Mojave Solar Project's Annual Environmental / Evacuation Drill.

Good morning,

This is a reminder about our annual drill that will be held tomorrow at 10 AM.

You are very welcome to join us and you are also invited to our **Green Day** lunch that will take place right after the drill.

Please let us know if you want and can attend it.

Best regards / Saludos.

José Manuel Bravo Romero

Manager. Permitting, Compliance, Quality & Environmental Department.



jmanuel.bravo@atlanticayield.com Mojave Solar LLC 42134 Harper Lake Road Hinkley, CA 92347 T 760-308-2601 C 303-378-7302

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Eco-Tip: Printing e-mails is usually a waste

From: Jose Manuel Bravo Romero

Sent: Friday, November 22, 2019 9:37 AM

To: rfimbres@terra-gen.com; cmarkloff@sbcfire.org

Cc: Emiliano Garcia Sanz <emiliano.garcia@atlanticayield.com>; Nicholas Potrovitza

<nicholas.potrovitza@atlanticayield.com>; Enrique Guillen <Enrique.Guillen@atlanticayield.com>; Adriana Valencia Endress <adriana.endress@atlanticayield.com>; Eduardo Martínez Delgado <eduardo.martinez@atlanticayield.com> Subject: 2019 Mojave Solar Project's Annual Environmental / Evacuation Drill.

Colleagues and Neighbors,

I would like to cordially invite you to the Mojave Solar Project's Annual Environmental / Evacuation Drill scheduled for 12/05/2019 at 10:00 am.

Please let us know if you plan to attend so we can prepare visitor passes in advance.

Looking forward to see you onsite.

Best regards / Saludos.

José Manuel Bravo Romero

Manager. Permitting, Compliance, Quality & Environmental Department.



jmanuel.bravo@atlanticayield.com Mojave Solar LLC 42134 Harper Lake Road Hinkley, CA 92347 T 760-308-2601 C 303-378-7302

www.atlanticayield.com

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Drill report

Title:	
Emergency drill re	port
FO-OM-SOL-USA-N	MJV-013
December 05, 2019	9 - December 06, 2019



FO-OM-SOL-USA-MJV-013 Emergency Drill Report 2019

Revision: 01

Date: 12/05/2019 and 12/06/2019

Page: 2 of 8

1 General data

Plant	Mojave Solar Plant	
Area	Water Treatment Plant Alpha	
Time	10:00 AM	
Weather conditions	Foggy 41° F	
Kind of drill	Evacuation and Sulfuric Acid Spill in WTP area at Alpha Plant	
Description	WTP operator reported a spill at the Alpha WTP that required the evacuation of both plants until a complete assessment of the situation was conducted.	

Observer				
Company	Post	Name	Workplace	
ASI Operations	H&S Q&E Operation Dept. Warehouse Dept.	FRT Jose Manuel Bravo Maria Elena Lopez HS Cynthia Price WH Erick Carrillo Operation Leads, Power Block Operators and Operation's Supervisor	Mojave Solar LLC, Hinkley CA	



FO-OM-SOL-USA-MJV-013 Emergency Drill Report 2019

Revision: 01

Date: 12/05/2019 and 12/06/2019

Page: 3 of 8

2 Execution

2.1 Event and scene

Kind of emergency Partial ☐ Total &		Total
Kind of emergency	Fartial 🗖 Total 🕏	
		Sulfuric Acid at Skid on West side of
Event/ scene		Water Treatment Building. By main
		road access, chemical dosing area.
Damaged plant		None
Situation/ area		Water Treatment Plant – Alpha
Damagad aguingant	Tag number	None
Damaged equipment	Name	None
Injured personnel	Yes □ No □	No
Injured personnel	Number	None

2.2 Conditions before the emergency

Drill was performed 2 days: December 05 for A shift and December 06 for B shift. Morning unit normal start up given weather conditions. Heavy fog conditions, low visibility, cloudy, rain forecasted for later in the day.

2.3 Execution and chronological sequence

12/05/2019 day

Time	Position	Action	Photograph
10:00	CR	Initial Notification	Section 2.6
10:01	FRT & HS	Evacuation initiated at both plants. Env team on the way to the scene / size up situation.	Section 2.6
10:01	WT / FR	Area initial isolation.	Section 2.6
10:02	CR	Alarm rung 2 nd time.	Section 2.6



FO-OM-SOL-USA-MJV-013 Emergency Drill Report 2019

Revision: 01

Date: 12/05/2019 and 12/06/2019

Page: 4 of 8

10:05	CR	Alarm rung 3 rd time.	Section 2.6
10:05	WT / FRT / HS	SDS review / PPE/ actions Team reviewed.	Section 2.6
10:06	WT /FRT / HS	Situation assessed, under control. Notifications to 911 not deemed necessary. Evacuation in progress.	Section 2.6
10:07	CR	Alarm rung 4 th time.	Section 2.6
10:08	FRT	Spill kits and PPE deployed.	Section 2.6
10:09	FR / HS	All personnel at Alpha accounted for.	Section 2.6
10:11	FR / HS	All personnel at beta accounted for.	Section 2.6
10:14	FR / HS	Evacuation complete. Spill under control, clean up in progress. Radio communication moved from all channel to dedicated. All other personnel released to return to work.	Section 2.6
10:17	FR / HS / EH	Plan executed.	Section 2.6
10:18	FR / HS	Drill complete.	Section 2.6

12/06/2019 day

Time	Position	Action	Photograph
10:00	CR	Initial Notification	Section 2.6
10:01	FRT & HS	Evacuation initiated at both plants. ALL the personnel to the muster point first.	Section 2.6
10:02	WT / FR	AO called CR on Ch 1 about the spill in WT plant (not sure of the chemical type and a bad leak)	Section 2.6



FO-OM-SOL-USA-MJV-013 Emergency Drill Report 2019

Revision: 01

Date: 12/05/2019 and 12/06/2019

Page: 5 of 8

		Γ	
10:03	CR	CRL announced it over ALL call	Section 2.6
10:04	CR	No injury's reported, and no outside agency's needed for help	Section 2.6
10:06	Q&E / CRL / HS	Q&E Mng. responding, asked for safety to respond as well	Section 2.6
10:07	Q&E / CRL / HS	Scene assessment underway from Chema. 911 not deemed necessary. Evacuation in progress.	Section 2.6
10:07	Q&E / CR / HS	Sulfuric Acid spill reported as the spilling chemical, SDS being analyzed.	Section 2.6
10:08	CR	Called on phone Management (mock call to David/Nicholas)	Section 2.6
10:08	Q&E / CR / HS	Sulfuric Acid spill reported as the spilling chemical, SDS being analyzed.	Section 2.6
10:10	CR / ER	All personnel at Alpha and Beta accounted for.	Section 2.6
10:14	FR / HS	Evacuation complete. Spill under control, clean up in progress.	Section 2.6
10:15	FR / HS / EH	Plan executed. All other personnel released to return to work.	Section 2.6
10:15	FR / HS	Drill complete.	Section 2.6

2.4 Comments from Observers

- Alarm in Beta was audible. Alpha's alarm not audible. Second day neither.
- One searcher sent out to ensure buildings were evacuated. 2 people should be sent
- Personnel was accounted for.



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- FR, CR and HS personnel communication was clear and effective. Both days. The second day the communication was improved by having them conducted by the Control Room lead. The script and communication protocol need to be revised.
- Radio communication effective on all channel. Both days. The Radio Communication script and procedure will be reviewed.
- Install color and visible signs at the higher elevation at the plant to be able to asses the wind conditions.
- Include an SDS binder in the laboratories and make sure all of them are up to date and completed.



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2.5 Incidents and recommendations

Incidents- Faults	Recommendations	Due date	Responsible
Alarm	Open a PM to check the alarms on a shorter period of time, for proper maintenance purpose	1/31/2020	Maintenance
PPE	Fitting of respiratory equipment	3/31/2020	Q&E, H&S
SDS	Update all SDS hard copy and electronic information.	1/31/2020	Q&E, H&S
ERP	If an evacuation is necessary, we first, gather at the muster point and then dispatch a team to deal with the situation after all people have been accounted for.	ERP revision	Q&E, H&S
ERP	Designating an emergency channel and have only the team involved with emergency situation stay on that channel to communicate with control room.	ERP revision	Q&E, H&S
ERP	Better Identification of the Emergency Response Plan (ERP) at both Alpha and Beta Main location.	ERP revision	Q&E, H&S
ERP	Create (ERP) checklist for easy reference.	ERP revision	Q&E, H&S
ERP	Review and improve the (ERP) Clarify reporting procedure (PBO/WTO reports to Control room or ops supervisor, who then reports all people necessary listed on mishap list) Control room then becomes the first point contact for any incident. Include all Contact Information (mishap channels of communication) into ERP.	ERP revision	Q&E, H&S



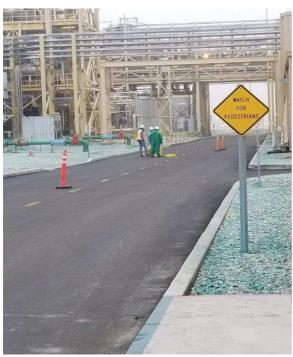
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2.6 Pictures









Email communications and guideline for the drill (double click the icon to open the annex):







Email to all Mojave Email to all Mojave employees 11-22-20 employees 12-02-20 employees 12-04-20



	Yes	No	Notes
	Starting '	Time of t	:he Evacuation:
Date of the Evacuation			
	Ending ti	me of th	e Evacuation:
Ensure proper cross-section of personnel represented at the critique.			
Effectiveness of evacuation			
Were proper evacuation routes used?			
Do the designated routes work?			
Were evacuation routes posted?			
Egress properly indicated?			
Alarm effectiveness	•	•	
Was it heard/seen			
was it understood?			
Was proper safe area used?			
Do the designated safe areas work?			
Were personnel aware/trained on the ERP and proper evacuation procedures?			
Was situation properly reported			
Was BP Radio/Operator's follow-up effective			
Were personnel properly accounted for?			
How was sign-in sheet effectiveness for personnel on-site?			
How were off-site personnel accounted for?			
Did personnel report-in properly?			
Securing of site:			
Doors closed but unlocked?			
Equipment shut-down/depressured?			
Site security/access controlled?			
Evaluate first responder (person discovering incident) actions			
Evaluate performance of the designated Emergency Coordinator for the area.			
Evaluate duties and performance of those remaining behind in critical			
operations.			
Evaluate interaction/communication with emergency responders.			
Evaluate emergency actions of on-site personnel, the Emergency Response			
Team, and the IMT.			
Was Transfer of Command followed?			
Were HAZWOPER requirements met and adhered to?			
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	Yes	No	Notes
Date of the Evacuation 12/5/15	Starting	Time of	the Evacuation O'OO A
Date of the Evacuation	Ending t	ime of t	he Evacuation: 10 : 17 AM
Ensure proper cross-section of personnel represented at the critique.	13		
Effectiveness of evacuation	Щ		
Were proper evacuation routes used?	185		
Do the designated routes work?	1	┢╦	
Were evacuation routes posted?	13	 	
Egress properly indicated?	100	 	
Alarm effectiveness			
			ALPHA DISTEN DIONIT
Was it heard/seen		F	Magazi and
was it understood?	128		MEED PM / EXERCE
Was proper safe area used?	(38	 	
Do the designated safe areas work?	135		
Were personnel aware/trained on the ERP and proper evacuation	_	 -	700
procedures?	" DS		mee to introve
Was situation properly reported	<u>g</u>	<u> </u>	some confusion / nos
Was BP Radio/Operator's follow-up effective	1 6	<u> </u>	7.5
Were personnel properly accounted for?		-	
How was sign-in sheet effectiveness for personnel on-site?	D)		
How were off-site personnel accounted for?	125	-	
Did personnel report-in properly?	1	l	1
Securing of site:	4		
Doors closed but unlocked?	10		
Equipment shut-down/depressured?		15 ⋅	1 WOT NOOSA
site security/access controlled?	75		11.01
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Drill Guidelines and Critiques Checklist Alejandra Mun 20

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Date of the Evacuation				
	Ending t	ime of t	he Evacuation: 10:14 AM	
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Effectiveness of evacuation	132			1
Were proper evacuation routes used?	137			1
Do the designated routes work?	1		· · · · · · · · · · · · · · · · · · ·	1
Were evacuation routes posted?	127			1
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Alarm effectiveness	Т	_		1
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	page 1			
Were HAZWOPER requirements met and adhered to?	2			



	Yes	No	Notes	
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Effectiveness of evacuation	72			
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Do the designated routes work?	1/2/			
Were evacuation routes posted?	12			
Egress properly indicated?	12			
Alarm effectiveness		·		
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Do the designated safe areas work?				
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Equipment shut-down/depressured?				
Site security/access controlled?		ł 📙		
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Evaluate performance of the designated Emergency Coordinator for the area.	Was	AL	ole to quickly identify	
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procedures?		<u> </u>		,,,
Was situation properly reported	<u> </u>	呂	NEED TO LET CONTROL ROOM	FINON
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Site security/access controlled?	_ 7 Z		<u> </u>	l
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Was Transfer of Command followed?				
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Were HAZWOPER requirements met and adhered to?	<u> </u>		ŀ	
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Do the designated routes work?	1 3	+금	-			_
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Were evacuation routes posted?	/SI	<u> </u>			_	
Egress properly indicated?	*\(\frac{1}{2}\)					
Alarm effectiveness						
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was it understood? Y &	X					
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Do the designated safe areas work?	lΗ	6				
Were personnel aware/trained on the ERP and proper evacuation		 				
procedures? 423						
Was situation properly reported		 				
Was BP Radio/Operator's follow-up effective	<u> </u>	╁┼			_	
Were personnel properly accounted for?	 	1 -	-	_	_	
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How were off-site personnel accounted for?	-					
Did personnel report-in properly?	=					
Securing of site:						
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quipment shut-down/depressured?						
Site security/access controlled?		=				
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evaluate emergency actions of on-site personnel, the Emergency Response learn, and the IMT					-	
eam, and the IMT						
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	Yes	No	Notes
Date of the Evacuation 12-6-19	Starting	Time of	the Evacuation 10:00an
Date of the Evacuation _/ ~ C /_	Ending t	ime of ti	he Evacuation
Ensure proper cross-section of personnel represented at the critique.	3		
Effectiveness of evacuation	13		
Were proper evacuation routes used?	周		
Do the designated routes work?	4	<u> </u>	
Were evacuation routes posted?	2	 	
Egress properly indicated?	Ø	-	
Alarm effectiveness			
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Was proper safe area used?			
Do the designated safe areas work?	2		
Were personnel aware/trained on the ERP and proper evacuation procedures?	[27]		Meard but still needs
Was situation properly reported	₽.		TAPE THE TARK
Was BP Radio/Operator's follow-up effective	19		
Were personnel properly accounted for?	-	123	awing the list, we still don't
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How were off-site personnel accounted for?			Know if every body is accomplete know who is airsing for
Did personnel report-in properly?			
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Doors closed but unlocked?			
Equipment shut-down/depressured?	E		1
Site security/access controlled?		125	<u> </u>
Evaluate first responder (person discovering incident) actions			
Evaluate performance of the designated Emergency Coordinator for the area			
Evaluate duties and performance of those remaining behind in critical operations.			
Evaluate interaction/communication with emergency responders			
Evaluate emergency actions of on site personnel the Emergency Response Team, and the IMT			
		*191	
Was Transfer of Command followed?	_		
Were HAZWOPER requirements met and adhered to?	0		



FAUX - CRO

Mojave Solar LLC

	Yes	No	Notes
2 1 10	Starting	Time of	the Evacuation: /aa2
Date of the Evacuation 12.6:19			
	Ending t	me of ti	re Evacuation: 10/5
Ensure proper cross-section of personnel represented at the critique			
Effectiveness of evacuation	T		
Were proper evacuation routes used?	Ø		
Do the designated routes work?	GP.		
Were evacuation routes posted?			NOT IN CR
Egress properly indicated?			
Alarm effectiveness			
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Was it heard/seen			No Marin a no mi
was it understood?	GI		
Was proper safe area used?	□ □		
Do the designated safe areas work?			
Were personnel aware/trained on the ERP and proper evacuation			
procedures?		_	· · · · · · · · · · · · · · · · · · ·
Was situation properly reported		<u> </u>	
Was BP Radio/Operator's follow-up effective	127	<u></u>	
Were personnel properly accounted for?			
How was sign-in sheet effectiveness for personnel on-site?		<u> </u>	
How were off-site personnel accounted for?			i
Did personnel report-in properly?			4
Securing of site:			
Doors closed but unlacked?			
Equipment shut-down/depressured?			
Site security/access controlled?			
Evaluate first responder (person discovering incident) actions	CAUE	D/150	CR IMMEDIATELY
Evaluate performance of the designated Emergency Coordinator for the area			
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Evaluate duties and performance of those remaining behind in critical			
operations			
Evaluate interaction/communication with emergency responders	}		
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Evaluate emergency actions of on site personnel, the Emergency Response			
Team, and the IMT			
Was Transfer of Command followed?			
Were HAZWOPER requirements met and adhered to?	l 🙃		

Atlantica Sustainable Infrastructure

Mojave Solar LLC Solar Color			
Drill Guidelines and Criti			
Drill Guidelines and Criti	aues :	Chec	klist
Su- Polish			MARIA ELENALORS
10	14	81-	NOTES THE EVACUATION: OF O
	Yes	NO	Notes
Date of the Evacuation 12-06-201	Starting 1	Time of t	the Evacuation:
Date of the Evacuation	Endina d	ma af th	e Evacuation: (Og (5 AM)
	Enoing u	nie or tri	e Evacuation.
Ensure proper cross-section of personnel represented at the critique.			
Effectiveness of evacuation	<u> 18</u>		
Were proper evacuation routes used?	72		
Do the designated routes work?) XI)		
Were evacuation routes posted?	₹ 8		
Egress properly indicated?	<u> </u>		
Alarm effectiveness			
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Was it heard/seen was it understood?	XEX.		
	100	-	
Was proper safe area used?	2		
Do the designated safe areas work?	_	"	
Were personnel aware/trained on the ERP and proper evacuation procedures?	<u>≥85</u> <		
Was situation properly reported	涵		
Was BP Radio/Operator's follow-up effective	冱.	 	
Were personnel properly accounted for?	8	 	HS RECEIRMENDS POSSIBLE
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How were off-site personnel accounted for? Did personnel report-in properly?		5	
Securing of site: Doors closed but unlocked?			
Equipment shut-down/depressured?			
Site security/access controlled?			
Evaluate first responder (person discovering incident) actions	10		
CASIDOTE Wat seabourger (because outdatering mergering across		800	+ PERSELAEL ACCO NICO FO
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Evaluate performance of the designated Emergency Coordinator for the area.			
Evaluate duties and performance of those remaining behind in critical	1		
operations.			
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Evaluate interaction/communication with emergency responders	ce	ለሌ ለ	LD COLCÚSE,
	-		·
Evaluate emergency actions of on-site personnel, the Emergency Response			
Team, and the IMT.			
Was Transfer of Command followed?	X		
Were HAZWOPER requirements met and adhered to?	A		

Dupun Ruch TwiCE 10.02 2-100 10:05 \0 0 \\
Rev1.0 11/21/2019 Page 1 of 1



	Yes	No	Notes
	Startino	Time of	the Evacuation 1002
Date of the Evacuation 12-6-(9			1000
	Ending ti	ime of th	ne Evacuation:
Ensure proper cross-section of personnel represented at the critique.			
Effectiveness of evacuation	वि		
Were proper evacuation routes used?			
Do the designated routes work?			
Were evacuation routes posted?	1		
Egress properly indicated?	0		
Alarm effectiveness			
		l _	
Was it heard/seen			
was it understood?			
Was proper safe area used?	1		
Do the designated safe areas work?			
Were personnel aware/trained on the ERP and proper evacuation			
procedures?			
Was situation properly reported			
Was BP Radio/Operator's follow-up effective	<u> </u>		
Were personnel properly accounted for?		□	
How was sign- n sheet effectiveness for personnel on-site?	Z /		
How were aff-site personnel accounted for?	🖭		Contract Administrator
Did personnel report-in properly?	0		(7 - 107
Securing of site:			
Doors clased but unlocked?			N/A
Equipment shut-down/depressured?			· ' '
Site security/access controlled?	2		<u></u>
Evaluate first responder (person discovering incident) actions	Me.	τ	notified CR
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Evaluate duties and performance of those remaining behind in critical operations	Occiden		
operations	v. yar	11268	•
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Evaluate interaction/communication with emergency responders	Droff	P6 < '91	Aral
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Evaluate emergency actions of on site personnel, the Emergency Response			
Team, and the IMT	Ett 'c	Low	
reant, one the tivit		PIN	
Was Transfer of Command followed?	2		
	- I	_	
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Were HAZWOPER requirements met and adhered to?	₫		
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Last Name

Mojave Solar LLC

Chief First Responder.

Emergency Presence List

Shift

Signature

Plant: Alpha 12 Beta 🗆 Date: 12-(. 19 Time: 1009 1013 Contractors accombed For

First Name

1 Assadi Ali 2 Avalos Luis B 3 Barden Cory В 4 Barnes Brandon O 5 Bean Taylor B 6 Barrios Augusto A 7 Blake Michael A 8 Blavlock Jeremy O 9 Blevins Jeff Scott A 10 Boucher Aaron Ø 11 Boucher Daye 12 Boucher Kristopher 13 Boyce William Jose Manuel 0 14 Bravo 15 Brunner Brandon 16 Bullock Kirk Elisa O 17 Caballos 18 Cabello Kevin Erick 19 Carrillo O 20 Carter Michael (Hoodie) 21 Clark Dave B 22 Elizondo Karl O 23 Estrada Alejandro Mahnaz Q 24 Fard 25 Faux David B Broderick A 26 Franklin 27 Frericks Daniel B 28 Fruend William A 29 Garcia Arlene B 30 Garcia Manuel 8 31 Garen 0 Glenn 32 Glenn Robert B 8 33 Godinez Jose 34 Greene Robert 35 Hernandez B Teddy 36 Hill Derek B 37 Hinton Michael B 38 Hoffner John. A Ray 0 39 Jameson B 40 Koupeny Robert 41 Labov Efrem A 42 Lambeth Kevin 43 Leonard Scott. 0 44 Littleton Kevin Α

45 Lopez

46 Mackie

47 Maes

48 Manzo

49 Manzo

Maria

Glenn

James Alfreda Luis

Alejandro

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52	McCarthy	Aaron	Â	
23	Menzel		ô	
		Timothy		
	Meyer	Nick	0	
56	Mitchell	Brett	A	
57	Montes	lEfrain	A	
58	Navarro	Manuel	A	
59	Padilla	Hector	В	
	Plaza	Luis	A	
61	Points	Richard	A	
02	Potrovitza	Nicholas	0	
	Price	Cynthia	0	
64	Quezada	Jesus	B	
65	Resma	Anselmo	A	
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PR	Rosas	David	0	
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81	Vasquez	Anthony	A	
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84	Witte STATE		A	
84	Witte STATE		A	



Emergency Presence List

	Last Name	First Name	Shift	Signature
1	Assadi	Ali	Α	
2	Avalos	Luis	B	
	Barden	Cory	В	
	Barnes	Brandon	0	
5	Bean	Taylor	В	
6	Barrios	Augusto	Α	
7	Blake	Michael	A	
8	Blaylock	Jeremy	0	
	Blevins	Jeff Scott	A	
	Boucher	Aaron	A	
	Boucher	Dave	lo	2 0
	Boucher	Kristopher	A	
	Bovce	William	A	
	Bravo	Jose Manuel	O V	
	Brunner	Brandon	A	
	Bullock	Kirk	A	
	Caballos	Elisa	Ô	4
	Cabello	Kevin	A	
	Carrillo	Erick	0	
	Carter	Michael (Hoodie)	A V	
¥	Clark	Dave (Hoodie)	B	
	Elizondo	Karl	0 /	
44	Estrada	Alejandro	A	
24	Fard	Mahnaz	0	
	Faux	David	В	
	Franklin	Broderick	A	,
	<u>Frericks</u>	Daniel	В	
	Fruend	William	AV	
	Garcia	Arlene	В	
	Garcia	Manuel	В	
	Garen	Glenn	0	
32	Glenn	Robert	8	
	Godinez	Jose	В	
	Greene	Robert	A 1	
	Hernandez	Teddy	В	
<u> 36</u>	Hill	Derek	В	
	Hinton	Michael	В	
8	Hoffner	John	A)
	Jameson	Ray	0	
	Koupeny	Robert	В	
	Laboy	Efrem	Α	
	Lambeth	Kevin	Α	
	Leonard	Scott	0	
	Littleton	Kevin	A	
	Lopez	Maria	lo	
	Mackie	Glenn	В	
	Maes	James	ÍΑ	
	Manzo	Alfredo Luis	B	
اور	Manzo	Aleiandro	0	
	Matson	Jennifer	0 /	
	Martinez	Eduardo	0 1	

52)	Maxey	Jesse	Α	
	McCarthy	Aaron	A 1	
	Menzel	Timothy	Ö	
55		Nick	0	
56	Mitchell	Brett	A	
57	Montes	Efrain	A	200
50	Navarro	Manuel	Α	
50	Navairo			·
59	<u>Padilla</u>	Hector	В	
60	Plaza	Luis	Α 🗸	
61	Points	Richard	A	
62	Potrovitza	Nicholas	0	
		C. Alia	o v	
63	Price	Cynthia		
	Quezada	Jesus	В	
65	Resma	Anselmo	Α	
	Rivera Tito	Giusbel	В	
63	D-LI	Clarissa	В	/
	Robles			
	Rosas	David	0 1/	
69	Rossman	Kristi	0	
	Rossman	Tony	В	
-44	Calac	Ronald	ō	
	Salas			
	Sanchez	Steve	В	
73	Sanchez	Eduard	В .	
74	Schuessler	Michael	A W	
75	Chall		0 V	
/5	Shell	Larry		
76	Sowards	Caleb	В	
77	Strickland	Daniel	В	
	Thompson	Rico	В	
/9	Tinaiero	Raul	8	1
80	Tourgelis	Philip	Α	
81	Vasquez	Anthony	Α ,	
B)	Washington	Marie	o V	
02	Weeks			
83	AAGERZ	Derald	В	
84	Witte	Jesse	Α	
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BETA

Mojave Solar LLC

Emergency Presence List

Date: 12/5/15 - 12-06-19 Time: 1000 Plant: Alpha □ Beta 💆

Chief First Responder: CANTHIA

		Last Name	First Name	Shift	5ignature
		Assadi	Alī	A	
V:	2	Avalos	Luis	В	
	3	Barden	Cory	B	
	4	Barnes	Brandon	0	
	- 5	Bean	Taylor	IB.	
		Barrios	Augusta	A	
	7	Blake	Michael	JA	
	В	Blaylock	Jeremy	lo cl	
	9	Blevins	Jeff Scott	A	SKM
	10	Boucher	Aaron	A	
	11	Boucher	Dave	0	
	12	Boucher	Kristopher	A	
	13	Boyce	William	A	1.14 1310
	14	Bravo	Jose Manuel	O	0
		Brunner	Brandon	A	Wan Man
		Bullock	Kirk	A	Ruk Ballar
		Caballos	Elisa	lo	
		Cabello	Kevin	JA	Kenn Cabella
1		Carrillo	Erick	lo	111111111111111111111111111111111111111
		Carter	Michael (Hoodie)	Ā	
		Clark	Dave	B	
		Elizondo	Karl	0	
		Estrada	Alejandro	A	
		Fard	Mahnaz	lo	
		Faux	David	В	
		Franklin	Broderick	A	
		Frenicks	Daniel	B	
		Fruend	William	A	
		Garcia	Arlene	В	P.,
		Garcia	Manuel	В	
		Garen	Glenn	ő	
		Glenn	Robert	8	
1		Godinez	Jose	В	
	34	Greene	Robert	A	
		Hernandez	Teddy	B	
8		Hill	Derek	B	
		Hinton	Michael	8	
		Hoffner	John	A	
	39	Jameson	Ray	ā	
	40	Koupeny	Robert	8	- 6'-
		Laboy	Efrem	A	Exember
		Lambeth	Kevin	A	15 2 10
	43	Leonard	Scott	Ô	Success Of south
V	44	Littleton	Kevin	A	
1.1	45	Lopez	Maria	o .	Min & Jr.

Emergency Presence Report

11/27/2019 Page 1 of 2

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38° A4	Mackie	Glenn	I D	
	7 Maes		B	1-3-0
	i Manzo	James Alforda Luita	A	Moles Ing
		Alfredo Luis	В	
	Manzo	Aleiandro	<u>o</u>	Aloller Jana
	Matson	<u>Jennifer</u>	<u>o</u>	<i>V</i> 0
5	Martinez	Eduardo	0	
52	Maxev	Jesse	A	G-7/
5;	McCarthy	Aaron	A	
54	Menzel	Timothy	_ [0	
1 55	Mever	Nick	<u> </u>	nulch an
	Mitchell	Brett	Α	
	Montes	Efrain	A	
	Navarro	Manuel	A	
	Padilla	Hector	В	
	Plaza	Luis	A	
	Points	Richard	A	Ruhl 25
62	Potrovitza	Nicholas	О	
	Price	Cynthia	0	
	Quezada	Jesus	В	
65	Resma	Anselmo	A	42
√ 66	Rivera Tito	Giusbel	В	
67	Robles	Clarissa	B	
68	Rosas	David	Ő	
	Rossman	Kristi	ŏ	
	Rossman	Tony	В	
	Salas	Ronald	0	
	Sanchez	Steve	В	· · · · · · · · · · · · · · · · · · ·
	Sanchez	Eduard	В	
	Schuessler	Michael	A	<u>-</u> :
	Shell	Larry	Ô	
	Sowards	Caleb	В	Cally)
	Strickland	Daniel	B	CANIN . 12
	Thompson	Rico		
70	Tinajero	Raul	В	· · · · · · · · · · · · · · · · · · ·
15	Tourgelis	Philip	B	
00	Vasquez		A	· · · · · · · · · · · · · · · · · · ·
	Washington	Anthony	A	
<u> </u>	Weeks	Marie	0	
9 83	Witte	Deraid	В	
		Jesse	A	100
1 85	MAQ MOLETO	AUEX		aring Ms, p
34	Hendora	JOAN		Alw Make
1 37	CAMBITE	JOAN		- Aston
88	RUIT	VICTOR		MAT
189		JUAN LVIS		pre
190	Jos	Kank		Thy Til
- 91	1Art	Dowy.		JAN X-1/
2 92	Vacab	Ruz		
/ 93	Lula	Scott		- Color Diet
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