

<b>DOCKETED</b>	
<b>Docket Number:</b>	87-AFC-01C
<b>Project Title:</b>	COMPLIANCE-Luz Solar Electric Generating System Cogeneration AFC (150 MW) Units III-VII.
<b>TN #:</b>	241138
<b>Document Title:</b>	Petition to Amend Boundary Change Appendix B Part I - SEGS III-VII
<b>Description:</b>	N/A
<b>Filer:</b>	Scott Galati
<b>Organization:</b>	DayZenLLC
<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	1/11/2022 2:18:22 AM
<b>Docketed Date:</b>	1/11/2022

## **APPENDIX B**

Monthly Compliance Reports and Biological Memorandum



July 6, 2021

Mr. John Heiser, Compliance Project Manager  
California Energy Commission  
1516 Ninth Street, (MS-2000)  
Sacramento, California 95814

Subject: SEGS III-VII Decommissioning (87-AFC-01C) Monthly Compliance Report for June 2021

Dear Mr. Heiser:

On June 24, 2021, California Energy Commission (CEC) staff issued a Full Notice to Proceed to NextEra Energy Resources-Operating Services (NEER), as agent for Luz Solar Partners III-VII Ltd. (Project Owner), for the Decommissioning of the Solar Energy Generating Systems Unit III-VII (SEGS III-VII) facility, as described in the Final Facility Decommissioning Plan approved by the CEC on June 9, 2021.

The Final Facility Decommissioning Plan included a commitment that NEER would “*provide a monthly status report on the 5<sup>th</sup> of each month describing the decommissioning activities engaged in the previous month. This report should provide information sufficient for the CPM to verify that the activities have complied with each of the design measures proposed in this Final Decommissioning Plan and each of the Conditions of Certification applicable to the activities engaged in for the previous month.*”

This letter and its attachments are submitted as the Monthly Compliance Report for the period of June 24 through June 30, 2021.

The following attachments are included as part of this Monthly Compliance Report:

- A. In accordance with Conditions of Certification (COCs) **D-CUL-2** and **D-PAL-2** and with **Section 2.1 of the Biological Resources Mitigation Implementation Plan (BRMIP)**, the Worker Environmental Awareness Program signature sheets are provided as **Attachment A**.
- B. Consistent with **Section 2.1 of the BRMIP**, the current contact list is included as **Attachment B** and kept updated onsite.
- C. As required by **D-CUL-2**, the weekly emails from the Cultural Resources Specialist to the CEC Compliance Project Manager regarding the planned ground disturbing activities used to determine if cultural resources monitoring is required are included as **Attachment C**. Please note that for the month of June, only one weekly email was required for the week of June 28 through July 2, 2021.

- D. In accordance with **D-AQ-2**, a list of onsite on-road trucks make, model, year is included as **Attachment D**.
- E. Consistent with **D-AQ-3**, a list of portable equipment onsite and documentation of its registration with the California Air Resources Board will be included. At this time, no portable equipment is onsite.
- F. **D-AQ-4** requires a log of the number of minutes visible emissions were observed darker than Ringelmann #1, including date, time, location, and work activity. The log is included as **Attachment E**.
- G. In accordance with **D-AQ-5**, a log of off-road construction equipment onsite and its Tier 4 documentation is included as **Attachment D**.
- H. Consistent with **D-PH-1**, the results of asbestos testing for the SEGS III-VII facility are included as **Attachment F**. There was no asbestos detected onsite, such that no notification was required.
- I. As required by **D-PH-2**, please accept this letter as documentation that the Project Owner shall comply with County of San Bernardino Development Code control measures for diesel exhaust emissions.
- J. In accordance with **D-WS-2**, a Safety Inspection Report is included as **Attachment G**.
- K. In compliance with the **BRMIP**, Biological Monitoring Logs are provided as **Attachment H**.

Please let me know if you have any questions regarding the compliance items attached to this letter, and we look forward to continuing to work with you during the decommissioning compliance process.

Best regards,



Stephen Kalina, Construction Manager

NextEra Energy Resources

Cc: Dexter Liu, NextEra Energy Resources  
Kenneth Stein, NextEra Energy Resources  
Patti Murphy, NextEra Energy Resources  
Greg Dulin, NextEra Energy Resources  
Nicholas Dale, NextEra Energy Resources  
Roger Klein, NextEra Energy Resources  
Jennifer Merrick, Tetra Tech





# **Attachment A: Worker Environmental Awareness Sign-In Sheets**

**Worker Environmental Awareness Program  
Certification of Completion  
SEGS III-VII Decommissioning Project**

JUNE 23

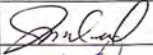
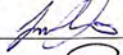


This form acknowledges the individuals working on site have received the Worker Environmental Awareness Program (WEAP). This WEAP include information on potential biological, cultural, and paleontological resources as well as air quality for all on-site personnel. By signing below, the individual indicates that they understand the information provided to them and will accept the responsibilities laid out in the WEAP. The completed form will be provided in the Monthly Compliance report.

06-23-2021

No.	Name	Title/Company	Signature
1.	MAXIA E. LOPEZ	NEER	<i>Max &amp; Lopez</i>
2.	GUNT KING	NEER	<i>G King</i>
3.	John Hurley	NS	<i>John Hurley</i>
4.	Matthew Tramp	NEER	<i>Matthew Tramp</i>
5.	Jeremy McDaniels	NEER	<i>Jeremy McDaniels</i>
6.	Timothy Smith	CEC	<i>Timothy Smith</i>
7.	Trenton Mansse	NorthStar	<i>Trenton Mansse</i>
8.	David Farkas	NEE	<i>David Farkas</i>
9.	<del>STEVE HERMENSEN</del>	WC <sup>3</sup>	<i>Steve Hermensen</i>
10.	Alvin Greenberg	Robt Science Assoc	<i>Alvin Greenberg</i>
11.	Brett Fooks	CEC	<i>Brett Fooks</i>
12.	BEN MARRINHO	NorthStar	<i>Ben Marrinho</i>
13.	ROGER KLEIJ	NEER	<i>Roger Kleij</i>
14.	David Rainard	PM/NorthStar	<i>David Rainard</i>



JUNE 23, 2021

No.	Name	Title/Company	Signature
15.	Joel Gomes	Northstar	
16.	Joe Oliver	NorthStar	
17.	Robert Resman	"	
18.	Stephen Kalina	NEER	
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			



JUNE 28

**Worker Environmental Awareness Program  
Certification of Completion  
SEGS III-VII Decommissioning Project**

This form acknowledges the individuals working on site have received the Worker Environmental Awareness Program (WEAP). This WEAP include information on potential biological, cultural, and paleontological resources as well as air quality for all on-site personnel. By signing below, the individual indicates that they understand the information provided to them and will accept the responsibilities laid out in the WEAP. The completed form will be provided in the Monthly Compliance report.

JUNE 28, 2021

No.	Name	Title/Company	Signature
1.	JOEL GOMES	NORTHSTAR	
2.	FRANCISCO Jimenez	NORTHSTAR	
3.	JOHN VIDES	NORTHSTAR	
4.	JOSÉ LUIS VACE	JOSÉ L VACE	
5.	David Figueroa	NORTHSTAR	
6.	FELICIANO RODRIGUEZ	NORTHSTAR	
7.	Jesus A Borozza	Northstar	
8.	Sergio Gonzalez	north star	
9.	Bryan Frankson	Northstar	
10.	Hector Ibarra	North Star	
11.	RAM BURKE	NORTHSTAR	
12.	Bruce Phillips	North Star	
13.	ROBERT ALOSTA	NORTH	
14.	Robert Durrett	N/S	
	FRANCISCO C.	N/S	FRANCISCO C.



No.	Name	Title/Company	Signature
15.	Raymond McEwen	North Star	Raymond McEwen
16.	BEN MARINA	NCG	BEN MARINA
17.	John Hurley	NS	John Hurley
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			





## **Attachment B: Contact List**

## SEG's Demo PROJECT DIRECTORY

<b>NEXTERA Energy</b>			
David Farkas	Project Construction Manager	661-557-1428	<a href="mailto:david.farkas@nexteraenergy.com">david.farkas@nexteraenergy.com</a>
Stephen Kalina	Construction Manager	619-823-3892	<a href="mailto:Stephen.Kalina@nexteraenergy.com">Stephen.Kalina@nexteraenergy.com</a>
Roger Klein	Environmental/Civil Superintendent	575-644-7303	<a href="mailto:Roger.Klein@nexteraenergy.com">Roger.Klein@nexteraenergy.com</a>
Glen King	Environmental	661-202-5837	<a href="mailto:Glen.King@nexteraenergy.com">Glen.King@nexteraenergy.com</a>
Jeremy McDaniel	Electrical/Commission Supervisor	760-238-8252	<a href="mailto:Jeremy.Mcdaniel@nexteraenergy.com">Jeremy.Mcdaniel@nexteraenergy.com</a>
Matthew Tramp	Mechanical Superintendent	970-571-2577	<a href="mailto:matthew.tramp@nexteraenergy.com">matthew.tramp@nexteraenergy.com</a>
<b>North Star Construction</b>			
Trenton Manasse	Southern California Branch President	562-233-0774	<a href="mailto:TManasse@northstar.com">TManasse@northstar.com</a>
John Hurley	Site Superintendent	808-285-8248	<a href="mailto:Jhurley@NorthStar.com">Jhurley@NorthStar.com</a>
Ben Marrufo	Safety	714-904-5974	<a href="mailto:BMarrufo@northstar.com">BMarrufo@northstar.com</a>
David Reinhard	Project Manager	714-747-5887	<a href="mailto:Dreinhard@NorthStar.com">Dreinhard@NorthStar.com</a>
<b>Tetra Tech</b>			
Jennifer Merrick	Senior Project Manager	619-721-5555	<a href="mailto:Jennifer.Merrick@tetrattech.com">Jennifer.Merrick@tetrattech.com</a>
Phillip Wasz	Designated Biologist	714.943.1563	<a href="mailto:pwasz@ecorpconsulting.com">pwasz@ecorpconsulting.com</a>
Jenna Farrell	Archaeologist	916.206.8705	<a href="mailto:jenna.farrell@tetrattech.com">jenna.farrell@tetrattech.com</a>
<b>WC3</b>			
Alvin Greenburg	Safety Monitor	415-302-0438	<a href="mailto:sgreenberg@wc-3.com">sgreenberg@wc-3.com</a>
Steve Hermsemeyer	Deputy CBO	925-915-7452	<a href="mailto:steve@wc-3.com">steve@wc-3.com</a>
Chris Kimball	Chief Building Official	801-682-5031	<a href="mailto:chrisk@wc-3.com">chrisk@wc-3.com</a>



# **Attachment C: Cultural Resources Monitoring Coordination**



**From:** [Farrell, Jenna](#)  
**To:** [John.Heiser@energy.ca.gov](mailto:John.Heiser@energy.ca.gov)  
**Cc:** [Roark, Gabriel@Energy](#); [Merrick, Jennifer](#); [Bradley, Elizabeth](#)  
**Subject:** SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update  
**Date:** Monday, June 28, 2021 4:24:09 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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Hello Mr. Heiser:

Mr. Roger Klein, NextEra Energy Resources Construction Manager, notified the DCRS (myself) that no earth disturbances are planned for the SEGS III-VII Decommissioning Project during the week of June 28 to July 2, 2021. Since no earth-disturbing activities will occur with decommissioning this week, a qualified on-site CRM is not required at this time. This email serves as verification per Condition D-CUL-1. Please let me know if you require any additional information or have any questions.

Thank you,

Jenna

**Jenna Farrell, MA, RPA** | Archaeologist  
Direct +1 (916) 853-4575 | Mobile +1 (916) 206-8705 | [jenna.farrell@tetrattech.com](mailto:jenna.farrell@tetrattech.com)

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# **Attachment D: Construction Equipment**

**SEGS III-VII Decommissioning Off-Road Equipment**

Manufacturer	Model	Rental No.	Rental Company	Use
Link Belt	490X4	DX9M48	Bejac Corp	off-road
Link Belt	490X4	AD7J66	Bejac Corp	off-road
Link Belt	490X4	BU5F59	Bejac Corp	off-road
Link Belt	350X4	CB3T44	Bejac Corp	off-road
JLG	G5-18A	TE3Y44	PDQ	off-road
Bobcat	S630	HP5U63	PDQ	off-road
Bobcat	S630	KU3H48	PDQ	off-road
JLG Boom Lift	n/a	GA45-004	Hawkeye	off-road
JLG Boom Lift	n/a	GF7G45	Hawkeye	off-road
JLG Telehandler	10K	GF3K47	Hawkeye	off-road

**SEGS III-VII Decommissioning On-Road Equipment**

Freightliner	4000 Gallon	W402	PDQ	on-road
Freightliner	4000 Gallon	W404	PDQ	on-road
International	DuraStar	VacTruck	OC Vacuum (owner)	on-road



## **Attachment E: Dust Observation Log**

## Air Quality SEGS III-VII

Date	Time	Temp F	Wind	Visible Dust	Soils	Access Roads	Track Out	Compliant	Corrective Action
62821	500AM	73	0 W	None	Crusted	Ashpalt	None	Yes	None
62821	1200PM	87	3 SE	None	Damp	Ashpalt	None	Yes	None
62821	0300PM	106	6 Variable	None	Damp	Ashpalt	None	Yes	None
62921	500AM	78	0	None	Crusted	Ashpalt	None	Yes	None
62921	1200PM	89	8 SE	None	Damp	Ashpalt	None	Yes	None
62921	0300PM	101	11 SW	None	Damp	Ashpalt	None	Yes	None
63021	500AM	75	6 S	None	Crusted	Ashpalt	None	Yes	None
63021	1200PM	84	5 W	None	Wet	Ashpalt	None	Yes	None
63021	300PM	96	12 W	None	Wet	Ashpalt	None	Yes	None



## **Attachment F: Asbestos Survey**



**MASEK CONSULTING SERVICES, INC.**

23478 Sandstone St. • Mission Viejo, CA 92692

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# **Asbestos Survey Report**

## **41100 Hwy. 395, Boron, CA**

### **Prepared For NextEra Energy Operating Services, LLC**

### **April 27, 2021**

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Our inspection was performed on April 19 and 20, 2021.

Anyone reading this report should read the entire report, including attachments, which are part of this report. "We" means Masek Consulting Services, Inc.

### **Project-Specific Limitations**

None. This was not a limited survey. The general limitations at the end apply to all projects.

### **Company Background**

Since 1991 we have provided services at many thousands of properties of all types. Our goals have always been to produce superior reports, offer superior value, and provide superior service. Significantly, about 33% of our revenue has been from sub-consulting work for medium and large consulting companies who demand top quality and choose to trust us to do work for their clients. Our clients include investors, architects, lenders, attorneys, government organizations, property management firms and other consulting firms. We provide a wide range of services needed for pre-acquisition due diligence of commercial properties and for management and correction of identified hazards or deficiencies. Please visit our web site for more information: <http://www.masekconsulting.net>

### **Asbestos Survey Findings**

No materials containing asbestos were identified. This is the expected result, given the age of the facility.

### **Homogeneous Areas and Samples**

To make the following table and this report readily readable, we utilize 12 point or larger type for all but the page footers and attachments. People also do not like having to turn pages to read them, especially if they are reading a screen. We generally omit the prefix of the sample numbers from the sketch(es) or drawings for clarity. Such prefixes are used solely to prevent the laboratory from accidentally mixing samples from different batches.

Please see the Scope of Services section below for information on our sampling protocols.

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None Detected</b>
Administration and Maintenance Area			
roofing on Maintenance & Planning Trailer	KJ-91	front of the Maintenance building	ND
tar paper under the roll roofing	KJ-92		ND

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None Detected</b>
plastic roof cement spots	KJ-93	where porch roof meets the main roof of the Maintenance Building	ND
12x12 vinyl floor tile under the carpet in Training Trailer	KJ-1	in the front room of the Training trailer	ND
	KJ-2	in the back room of the Training trailer	ND
composition roofing on the trailer behind Training room trailer	KJ-94	right back corner	ND
tar paper	KJ-95		ND
black coating on the Gazebo	KJ-3		ND
12x12 vinyl floor tile in Documentation trailer Building	KJ-4	right front corner	ND
12x12 vinyl floor tile in the restroom of the Technical Services trailer	KJ-5	restroom at the door	ND
roll roofing on the Technical Services trailer	KJ-96	center of the roof	ND
tar paper under the roll roofing	KJ-97		ND
top (color) layer of stucco on the Guard Shack	KJ-6	at the door to the Guard Shack where damaged	ND
bottom (gray) layer of stucco	KJ-7		ND
sheet vinyl flooring in the Guard Shack	KJ-8	front room of the Guard Shack	ND
12x12 vinyl floor tile in the Guard Shack	KJ-9	Guard Shack restroom	ND
drywall joint compound & texture in the Auto Shop/Maintenance Building	KJ-10	near entrance	ND
	KJ-11	in the mezzanine	ND
	KJ-12	near roll up door in the Auto Shop	ND
sheet vinyl flooring in the Restroom trailer	KJ-46	where flooring is damaged in one restroom	ND

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None Detected</b>
drywall joint compound & texture in the SF Office trailer	KJ-13	on the corner in the corridor	ND
	KJ-14	on the office corner	ND
roofing on the SF Office trailer	KJ-15	center of the SF Office trailer roof	ND
tar paper under the roll roofing	KJ-16		ND
Segs III and IV			
HVAC duct seam mastic	KJ-17	near switch yard	ND
	KJ-39	outside control room in Seg IV	ND
cream with blue, maroon and black streaks 12x12 vinyl floor tile in the Control Rooms	KJ-18	Seg III control room	ND
	KJ-19	Seg III kitchenette	ND
	KJ-33	Seg IV control room	ND
light beige with smears pattern 12x12 vinyl floor tile in the laboratories	KJ-36	Seg IV laboratory	ND
drywall joint compound & texture	KJ-20	Seg III at the entrance to the laboratory	ND
	KJ-21	at the chart recorder in Control room of Seg III	ND
	KJ-22	at the corner in the battery room in Control Room building of Seg III	ND
	KJ-34	at the chart recorder in Control Room of Seg IV	ND
	KJ-35	in the laboratory in the Control Room building of Seg IV	ND
	KJ-38	on the battery room corner in the Control Room of Seg IV	ND
gaskets	KJ-23	hanging in the Control Room building of Seg III	ND
	KJ-37	in the Control Room building of Seg IV	ND
fire bricks	KJ-27	Seg III boiler	ND
	KJ-42	Seg IV boiler	ND
packing	KJ-24	in maintenance shop in Seg III	ND

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None Detected</b>
pipe insulation	KJ-25	at boiler economizer Seg III	ND
	KJ-26	at boiler Seg III	ND
	KJ-28	at turbine generator on low pressure steam pipe Seg III	ND
	KJ-29	on steam generator in Seg III	ND
	KJ-30	on superheater in Seg III	ND
	KJ-41	at boiler in Seg IV	ND
	KJ-45	on decelarator in Seg IV	ND
vowen insulation tape	KJ-31	at steam generator, Seg III	ND
	KJ-40	at boiler in Seg IV	ND
white insulation at condensate	KJ-43	at heat condensate pump	ND
	KJ-44	at condensate pump in Seg IV	ND
Seg V			
pre-fab insulation	KJ-47	new in a box in the storage shed	ND
	KJ-59	at boiler on pipe	ND
	KJ-62	on feedwater heater	ND
	KJ-63		ND
	KJ-64	on pipe near expansion tank	ND
	KJ-66	on pipes that come from the mirror field	ND
	KJ-65	on pipe near the expansion tank	ND
drywall joint compound & texture in the fire house	KJ-48	at the window	ND
	KJ-49	in the office	ND
	KJ-50	in the window on the second floor	ND
12x12 vinyl floor tile in the restroom of the fire house	KJ-50	restroom of the fire house	ND
wood parquet pattern 12x12 vinyl floor tile in the fire house second floor	KJ-52	second floor storage room of the firehouse	ND
vowen canvas insulation	KJ-53	at cooling tower in Seg V	ND

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None Detected</b>
cream streaked pattern 12x12 vinyl floor tile in the Control Room building	KJ-54	front room of the Control Room	ND
cream with splotches 12x12 vinyl floor tile in the Control room building	KJ-56	the lab in the Control Room building	ND
drywall joint compound & texture	KJ-55	at the window in Control Room building office	ND
	KJ-57	in the high voltage room in the Control Room building	ND
gasket	KJ-58	hanging in the Control Room building	ND
fire brick	KJ-60	on boiler under metal siding	ND
mastic over canvas	KJ-61	over fiberglass tape	ND
Segs VI and VII			
12x12 vinyl floor tile in the Control Room building	KJ-67	in the locker room	ND
	KJ-70	in the UPS room	ND
	KJ-74	in the switchboard control room on the second floor	ND
black floor tile mastic under above	KJ-68	in the locker room	ND
	KJ-71	in the UPS room	ND
	KJ-75	in the switchboard control room on the second floor	ND
drywall joint compound & texture in the Control Room building	KJ-69	on the corner of the locker room	ND
	KJ-72	on the office corner	ND
	KJ-73	by the window near the corner	ND
	KJ-74	at the window upstairs	ND
drywall joint compound & texture	KJ-87	on the corner in the switch gear room, Seg VI	ND
	KJ-90	at roll up door in Switch Gear room	ND
	KJ-108	near the door in MCC building, Seg VII	ND
	KJ-113	by the door to Control room, Seg VII	ND
	KJ-114	in the high voltage room in Control Room building, Seg VII	ND

Homogeneous Area (an area of material uniform in color, texture, construction or application date and general appearance)	Sample Number	Specific Sample Location If one or more samples contain asbestos, the entire homogeneous area must be treated as asbestos containing	Lab. Result % or <b>None</b> <b>Detected</b>
insulation on pipes	KJ-77	on pipe next to the boiler Seg VI	ND
	KJ-78	on pipe near boiler Seg VI	ND
	KJ-79	at feed water	ND
	KJ-80	on pipe near boiler, Seg VI	ND
	KJ-82	on reheat tank, Seg VI	ND
	KJ-100	on the ground in Seg VII area	ND
	KJ-101	on feed water, Seg VII	ND
	KJ-103	at smoke stack, Seg VII	ND
	KJ-104	at heat exchanger, Seg VII	ND
green block insulation	KJ-105	on oil line HTF, Seg VII	ND
	KJ-107	on horizontal tank, Seg VII	ND
canvas woven insulation	KJ-81	at valve near boiler in Seg VI	ND
	KJ-84	at varried speed pumps, Seg VI	ND
	KJ-102	at valve in Seg VII	ND
coating on fiberglass	KJ-99	at 4 tanks near Pump house	ND
	KJ-106	at pump for HTF, Seg VII	ND
grayish 12x12 vinyl floor tile in Switch Gear room	KJ-85	switch gear room	ND
	KJ-88		ND
black flooring mastic	KJ-86		ND
	KJ-89		ND
cream color 12x12 vinyl floor tile in MCC building, Seg VII	KJ-109	in the corridor of MCC building	ND
	KJ-111	in the Control Room of MCC building	ND
floor tile mastic under above	KJ-110	in the corridor of MCC building	ND
	KJ-112	in the Control Room of MCC building	ND

## **Building Description and Photographs**

The photographs are important parts of the descriptive information.

The subject property contains an abandoned solar power plant reportedly built in 1985. The buildings on the property are either metal structures or wood structures with composition or metal roofs. The finished portions of the buildings are finished with drywall, suspended ceiling panels, 12x12 vinyl floor tile, sheet vinyl flooring and carpet. The pipes are insulated either with fiberglass or pre-cast pipe insulation.



Photo 1: The Maintenance Planning trailer





Photo 2: Inside the Maintenance Planning trailer



Photo 3: The Training Room trailer



Photo 4: Inside the Trailing Room trailer





Photo 5: The lunch area



Photo 6: The Documentation trailer





Photo 7: The 12 x 12 vinyl floor tile in the Documentation trailer



Photo 8: The 12 x 12 vinyl floor tile in the Technical Services trailer



Photo 9: Flooring in the Guard Building





Photo 10: The Maintenance and Auto Shop



Photo 11: Inside the Maintenance and Auto Shop



Photo 12: The Auto Shop area





Photo 13: The abandoned restroom building (nearest) and the SF Office



Photo 14: Inside the SF Office



Photo 15: The roof of the SF Office





Photo 16: A typical fiberglass insulation coupling cover



Photo 17:HVAC duct seam caulk at the SEGS III Control Room Building, non-suspect, sampled just to confirm





Photo 18: Typical mirror assemblies, no suspect materials



Photo 19: The SEGS III Control Room



Photo 20: The SEGS III Control Room





Photo 21: No suspect materials inside the control panels, typical, here in the SEGS III Control Room



Photo 22: Gaskets in the SEGS III Control Room Building



Photo 23: Typical fiberglass pipe insulation at a eye wash station





Photo 24: Valve packing in a storage cabinet



Photo 25: Typical fiberglass boiler insulation





Photo 26: Typical pre-formed block pipe insulation, here at the SEGS III area



Photo 27: Typical yellow fire brick, here at the SEGS III boiler



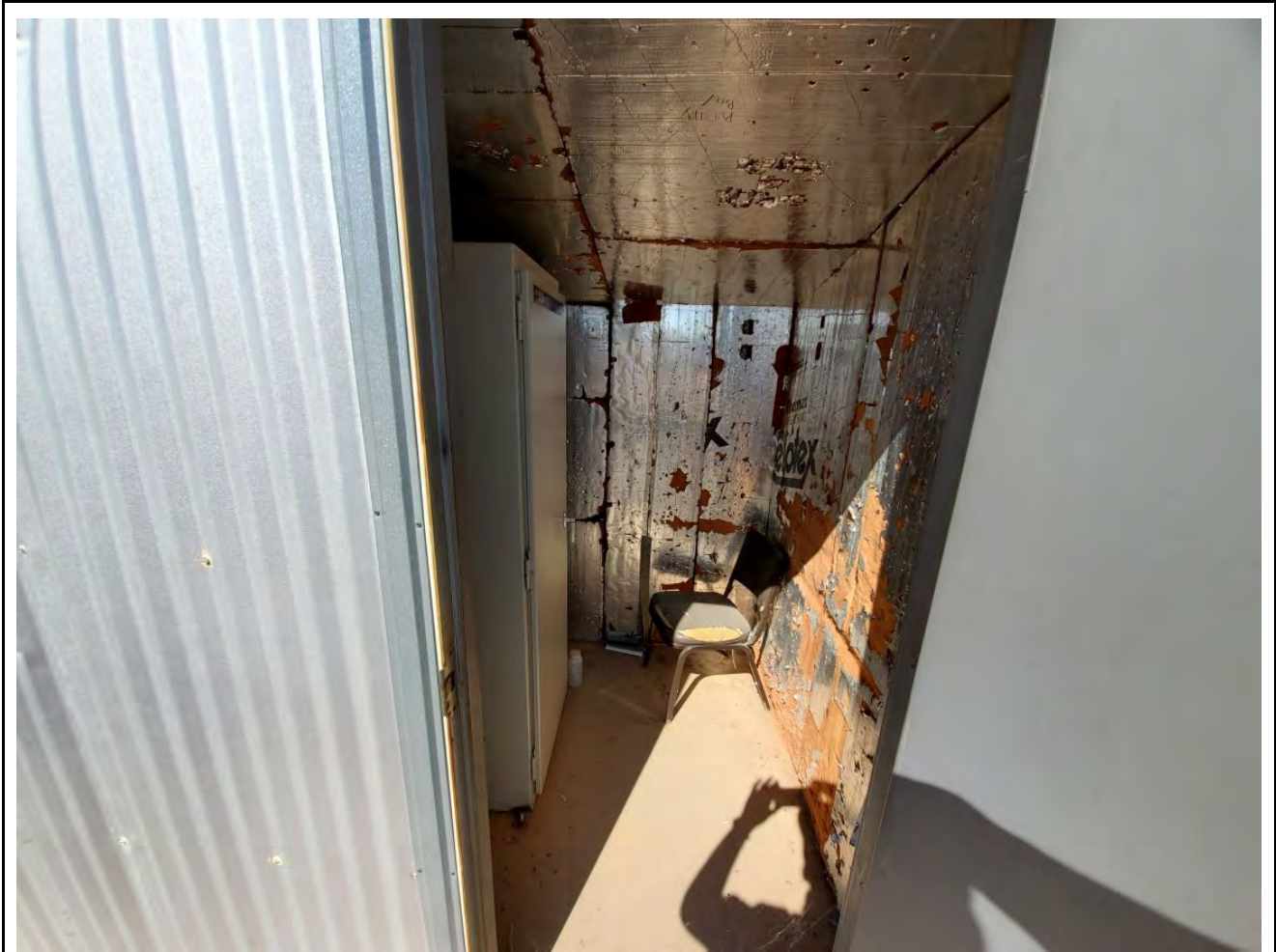


Photo 28: Foam insulation of the GEMS shed at SEGS III



Photo 29: plastic components and the wood frame of the SEGS III cooling tower, typical





Photo 30: Piping in the SEGS III area





Photo 31: Typical woven fiberglass tape insulation at a gauge



Photo 32: Typical fibreglass insulation, exposed





Photo 33: Typical per-formed block insulation on a large tank-shaped device





Photo 34: Typical woven fiberglass tape insulation with a mastic coating



Photo 35: Fiberglass insulation in a fire water pump room





Photo 36: A fire-fighting water area



Photo 37: The 12 x 12 vinyl floor tile in the SEGS IV Control Room back room





Photo 38: The sheet vinyl flooring in the abandoned restroom building



Photo 39: New pre-formed block pipe insulation boxes





Photo 40: The fire house



Photo 41:12 x 12 vinyl floor tile in the fire house





Photo 42: The 12 x 12 vinyl floor tile on the second floor of the fire house



Photo 43: The plastic and wood SEGS IV cooling tower





Photo 44: Typical fiberglass-reinforced plastic arc chutes in electrical equipment



Photo 45: The SEGS IV Control Room





Photo 46: THE SEGS VI& VII Control Room



Photo 47: Fiberglass HVAC duct insulation and no structural steel fireproofing in the SEGS VI & VIII Control Room building





Photo 48: Various gearboxes, valves, motors, and other equipment



Photo 49: Hot HTF piping





Photo 50: 12 x 12 vinyl floor tile in the electrical panel room in the SEGS VI area



Photo 51: The roof of the Maintenance and Planning trailer





Photo 52: Metal roof with caulk on two of the other trailers



Photo 53: Fiberglass pipe insulation at another fire pump location





Photo 54: HTF tanks



Photo 55: The SEGS VII area





Photo 56: Fiberglass pipe insulation at the SEGS VII generator sir cooler



Photo 57: Exposed pre-formed block pipe insulation in the SEGS VII area





Photo 58: Fiberglass-insulated HTF piping



Photo 59: Exposed fiberglass insulation on a large horizontal vessel in the SEGS VII area





Photo 60: The plastic and wood SEGS VII cooling tower





Photo 61: Typical fiberglass reinforced plastic components at a high voltage circuit breaker

## **Recommendations**

Proceed with the planned demolition.

## **Scope of Services**

We performed a visual examination of those areas to determine the overall construction and usage of the building(s) and to plan and coordinate the survey work, taking into account any information provided on the age and construction of the building(s). We examined any plans and documents supplied to us determine if any ACMs were specified and to provide information on remodeling or renovation work. Areas of potential ACM were identified using the available information on the age of the building, construction materials present and the consultant's expertise.

## **Asbestos Containing Materials (ACMs) Which Are Banned**

It is important not to view the dates of the laws / regulations which banned the materials listed below as absolute cut-off dates. In many cases, the laws / regulations allowed suppliers to sell their existing supplies, and the manufacturers may not have immediately been aware of the new laws / regulations. For example, we have spoken with a large manufacturer of drywall joint compound in southern California and learned that they were still manufacturing drywall joint compound with asbestos in the middle 1980s. Our experience inspecting thousands of buildings of all types also confirms that asbestos containing drywall joint compound was used in many buildings constructed in the middle 1980s.

- Spray applied fireproofing was banned by the 1973 Clean Air Act (CAA) Asbestos National Emission Standard for Hazardous Air Pollutant (NESHAP);
- Wet-applied and pre-formed (molded) asbestos pipe insulation and pre-formed (molded) asbestos block insulation on boilers and hot water tanks were banned by the 1975 Clean Air Act (CAA) Asbestos National Emission Standard for Hazardous Air Pollutant (NESHAP);
- Spray applied decorative ACM (e.g. acoustic ceiling texture) was banned by the 1978 Clean Air Act (CAA) Asbestos National Emission Standard for Hazardous Air Pollutant (NESHAP);
- Patching compounds which are used to cover, seal or mask cracks, joints, holes and similar openings in the trim, walls, ceiling, etc. of building interiors (also used to create textured effects) which a consumer can purchase (those where the sale or use of the product by consumers is facilitated, and those containing respirable free form asbestos which are used in residences, schools, hospitals, public buildings or other areas where consumers have customary access) were banned by the US Consumer Product Safety Commission (CPSC) in 1978 - see 16 CFR 1304;
- Artificial emberizing materials (ash and embers) containing respirable freeform asbestos (generally packaged in an emberizing kit for use in fireplaces, and designed for use in such a manner that the asbestos fibers can become airborne

under reasonably foreseeable conditions of use were banned by the US Consumer Product Safety Commission (CPSC) in 1978 - see 16 CFR 1305;

- Spray-on application of materials containing more than 1% asbestos to buildings, structures, pipes, and conduits unless the material is encapsulated with a bituminous or resinous binder during spraying and the materials are not friable after drying was banned by the 1990 Clean Air Act (CAA) Asbestos National Emission Standard for Hazardous Air Pollutant (NESHAP);
- Asbestos paper products (flooring felt, roll board, and corrugated, commercial, or specialty paper) were banned by the Toxic Substances Control Act (TSCA) - On July 12, 1989, the US EPA issued a final rule banning most asbestos-containing products. While most of that regulation was overturned by the Fifth Circuit Court of Appeals in New Orleans in 1991, the bans on these materials were affirmed; and,
- Products that have not historically contained asbestos, otherwise referred to as "new uses" of asbestos were banned by the Toxic Substances Control Act (TSCA) - On July 12, 1989, the US EPA issued a final rule banning most asbestos-containing products. While most of that regulation was overturned by the Fifth Circuit Court of Appeals in New Orleans in 1991, the bans on these materials were affirmed.

Various asbestos containing materials were specifically listed as NOT banned by the US EPA's guidance document of May 18, 1999, but this list is far from comprehensive, as many other common materials which are not banned are not listed:

Troweled-on Surfacing Materials (e.g. cement stucco and gypsum plaster);

Asbestos-cement corrugated sheet, shingles, flat sheet, millboard, and pipe;

Asbestos clothing for adults;

Pipeline wrap;

Roofing felt;

Vinyl-asbestos floor tile;

Automatic transmission components;

Clutch facings;

Friction materials;

Brake pads, linings, and blocks;

Gaskets;



Non-roofing coatings; and,  
 Roof coatings.

Which Materials Commonly Contain Asbestos?

The list in the table below was developed based on US EPA publications and our experience performing asbestos surveys / inspections of thousands of buildings of all types.

While the production and usage of some have been banned, and most others are simply no longer produced or installed, many are still legal and new products containing asbestos could appear on the market, so this list may become out of date.

Most Common Suspect Material	Typically Friable In Place?	Notes and <u>Approximate</u> Usage Dates
Acoustic Ceiling Texture	Yes	Through the mid to late 1970s
Acoustic Plaster	No	Through the mid 1970s
Adhesives / Mastics (flooring, mirror, pipe insulation, etc.)	No	Through the 1980s
Asphalt Floor Tile	No	Through the 1960s
Asphalt pavement (the gravel used to make it)	No	There are substantial areas of naturally-occurring asbestos in the USA, and in recent years more has been discovered
Blown-in Insulation	Yes	Prior to the mid 1970s
Boiler and Vessel Insulation	Yes	Through the mid-1970s
Breeching / Flue Insulation	Yes	Through the mid 1970s
Caulking and Sealants	No	Through the mid-1980s
Ceiling Tiles and Lay-in or Suspended Ceiling Panels	Yes	Prior to the early 1970s, often are heavy and have a "layered" internal appearance. Newer non-suspect types are readily identified.
Concrete (especially the gravel used to make it)	No	There are substantial areas of naturally-occurring asbestos in the USA, and in recent years more has been discovered
Concrete block filler (used to smooth the rough surface)	No	Through the 1970s and into the 1980s

Most Common Suspect Material	Typically Friable In Place?	Notes and <u>Approximate</u> Usage Dates
<p>Drywall (also known as Gypsum Wallboard or the brand name Sheetrock). Due to imprecise use of English, and confusion between composite and discrete layer sampling, some people may mistakenly believe that drywall itself is a suspect material. Some have loosely used the term "wallboard" to refer to asbestos-cement panels used as wall covering. Indeed, for quite a few years we sampled drywall. Finally tiring of wasting time and money sampling a material which was never, ever positive, we investigated. We discovered these problems, and a situation in which mistakes in one document (e.g. the sloppy use of the imprecise term "wallboard") repeated in other documents. All the times we have asked, people stating that drywall might contain asbestos have not been able to produce an example of it. The drywall system is suspect, but not the gypsum board itself.</p>		
Drywall Joint Compound, Also Known As Mud, May Also Be Used as a Skim or Texture Coat	No	Manufactured and applied through the mid-1980s. Naturally occurring asbestos in raw materials is allowed, but manufacturers avoid liability by screening raw materials.
Ducts (Made of Corrugated <i>Asbestos</i> Covered with Aluminum on the Inside and Outside, one common brand is Alumabestos)	Yes	Through the mid 1980s
Duct Insulation (corrugated or paper)	Yes	Sometimes found on register boots and ducts through the mid-1980s
Electric Wiring Insulation	Yes	Prior to the 1970s in some cables and wires, through the 1980s in some heating appliances and machinery
Electrical Panel Partitions and/or Arc Chutes	No	Used through the 1970's
Elevator Equipment Panels	No	Through the 1970's
Elevator Brake Shoes	No	Many still in use
Fiber-Cement Conduits	No	Through the 1980's
Fiber-Cement Ducts (one common brand is Transite)	No	Common for underground HVAC ducts through the 1980s
Fiber-Cement Flues (one common brand is Transite)	No	Used through the 1980s, although usage tapered off sharply after the 1970's
Fiber-Cement Sheets - Interior, Exterior, or in Freezers/Chillers, (some made with wood patterns, one common brand is Transite)	No	Used through the 1970s, with some usage in the 1980s

Most Common Suspect Material	Typically Friable In Place?	Notes and <u>Approximate</u> Usage Dates
Fiber-Cement Pipes (one common brand is Transite)	No	Through the 1980's and some may still be in use
Fiber-Cement Cooling Tower Slats and Other Components (one common brand is Transite)	No	Through the 1980s
Fire Blankets	Yes	Prior to the 1980s
Fire Curtains	Yes	Prior to the 1980s
Fire Door Interior Insulation	No (covered)	Through the 1970s
Fireproofing Materials (as on structural steel)	Yes	Through the mid to late 1970s
Flexible Duct Connectors (also known as vibration cloths)	Yes	Soft woven cloth, easy to differentiate from fiberglass or rubber
Gaskets	No	Still in use
Gravel	No	There are substantial areas of naturally-occurring asbestos in the USA, and in recent years more has been discovered
Electrical Ducts	No	Through the 1970s
Laboratory Hoods/Table Tops	No	Trough the 1980s
Mastics (floor tile, mirror, ceiling tile, etc.)	No	Through te 1980s
Paint - textured or elastomeric / coatings	No	Through the mid to late 1970's
Packing Materials (for valves or for wall/floor penetrations)	No	Through the 1980s
Pipe Insulation (corrugated air-cell, block, etc.)	Yes	Through the 1970s
Plaster (interior gypsum plaster, which typically consists of two or more layers	No	Rare, used prior to the mid 1970's



Most Common Suspect Material	Typically Friable In Place?	Notes and <u>Approximate</u> Usage Dates
Plastic Roof Cement (typically applied at flashings, joints, and penetrations, may brands are still manufactured with asbestos)	No	Very common, still legally manufactured, sold and applied
Roofing Felt / Tar paper	No	Through the 1970's and into the 1980s
Roofing Shingles or Roll Roofing	No	Through the 1970s and into the 1980s
Sheet Vinyl Flooring	No	Through the 1980s
Silver Roof Paint	No	Through the 1970s and into the 1980s
Spackling Compounds	No	Through the 1970s
Spray-Applied Insulation	Yes	Through the mid to late 1970s
Stucco, or Cement Plaster, which typically consists of two or more layers	No	Generally, used through the 1980s, but in early 2006 an Arizona regulator told us that a wholesaler in the Phoenix area imports asbestos and sells it to contractors who mix it into stucco
Tank and Vessel Insulation	Yes	Through the mid to late 1970s
Taping Compounds (drywall joint compound)	No	Through the mid 1980s
Textured Paints / Coatings (paints made with texture, not texture applied before painting)	No	Through the 1970s
Thermal Paper Products	Yes	Through the 1970s
Vinyl Floor Tile	No	Through the mid 1980s
Window Putty	No	Though the 1970s

### Asbestos Sampling

Representative samples of potential / suspect ACM were collected after identification of homogeneous sampling areas (these are areas in which the materials are uniform in color, texture, construction or application date and general appearance) of potential ACM. Each homogeneous area of potential ACM was observed for material type, location, condition, and friability. Representative samples were collected from each area of potential ACM, excepting areas which were inaccessible, or areas of assumed ACM. The building(s) was examined for the presence of previous or multiple layers of materials, if applicable. If no suspect materials

were identified, or if only materials assumed to contain asbestos were identified, no samples were collected.

Most of the laws and regulations regarding asbestos sampling reference the AHERA section on sampling (40CFR763.86). We used that protocol, with additions to be more conservative, but not to overly increase the cost of asbestos surveys. Given the lack of detailed guidance in AHERA regarding miscellaneous materials, our judgement and extensive experience were important factors in determining the appropriate number of samples. For example, we know that drywall joint compound is difficult for the laboratories to analyze due to the presence of binders and such and the relatively low asbestos content, so we collect more samples from an area of it than we would from a similar area of a material such as sheet vinyl flooring which is very easy to analyze and which typically was made with a relatively high asbestos content. Of course, we do not sample non-suspect materials (see the table of suspect materials above), except for occasional samples of fiberglass-based roofing and new patterns of vinyl floor tile, as sampling avoids questions by uninformed persons and the associated delays.

Suspect materials were assumed to contain asbestos or were sampled as follows:

Reasonable care was taken to reduce accidental fiber release into the building environments. In order to reduce the potential for fiber release while collecting samples of suspect materials, the test areas were sprayed with a water-containing surfactant. The tools used for collection of samples were cleaned with soapy water-soaked cloths between samples in order to avoid cross-contamination of samples. The samples were placed into heavy plastic sample bags which were then sealed and labeled. The location, type, and other information on each sample were recorded.

#### Asbestos Laboratory Analysis

A chain-of-custody form accompanied the samples to the laboratory. The samples were analyzed by an NVLAP accredited laboratory using the Polarized Light Method (PLM, EPA 600/R-93/116 and/or EPA 600/M4-82-020600M4). The PLM method is, by far, the most commonly used method to analyze bulk materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and approximate percentage of asbestos in a given sample. The detection limit of the PLM method for asbestos identification is about one percent by volume.

#### General Limitations

The conclusions presented in this report are professional opinions based on the indicated data described in this report. Opinions and recommendations presented herein apply to site conditions existing at the time of the site visit(s). Changes in the conditions of the property may occur with time due to natural processes or various activities on the subject property. Changes in applicable codes and standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, this report may become invalid. This report is intended only for the client, purpose, location, and project indicated. The only persons or companies which may rely on it are our client, an abatement contractor hired by our client, and the client of our client when we are sub-consultants. All others may not rely upon this report without having a contract in place with us. We do not warrant that the information supplied to us by others is accurate.

Reports such as this prepared by any consultant are never intended to be definitive studies of the presence of asbestos and/or lead at the subject properties. Other locations of asbestos and/or lead may exist at the subject property, and the levels may vary from those stated in this report. There may be variations in the composition of materials which appear similar. Materials may be hidden from view and not accessible. This is especially so for occupied structures or structures where damage and invasive sampling need to be minimized (such as structures not owned by our client).

For pre-demolition surveys of vacant buildings, we do not hesitate to examine the structure in several areas, looking for multiple layers of materials and materials which are under other materials. We very, very rarely miss anything. However, we are performing surveys, not demolition work, so may not see things such as a patch of floor tile hidden under carpeting, and not detected by our typical examination of the area under the carpet at a corner(s) or existing hole(s). We examine the structure(s) in several locations, but do not pull up all of the carpet, or cut numerous holes in floors and walls. That would constitute demolition work, not survey work, and could also create contamination due to excessive disturbances of suspect materials.

Location and sampling of underground items, such as asbestos-cement pipes, would have been outside of the scope of services for this project.

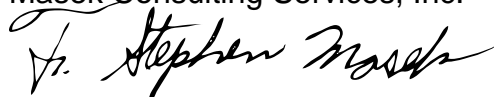
### **Regulatory Compliance**

The report meets and exceeds the requirements of all applicable laws and regulations. If someone unfamiliar with our reports, after reading this entire report and all of the attachments, has any questions regarding where specific information is found, they should contact us by phone or E-mail, and we will direct them to the appropriate places in this report.

### **Consultant Background**

The inspection and sampling portions of the survey and professional aspects of the report preparation were performed by Mr. F. Stephen Masek. Mr. Masek has performed thousands of environmental inspections in all types of buildings. Mr. Masek has been a California Certified Asbestos Consultant since the certification program started in 1992, and has been an asbestos consultant since 1990. Mr. Masek has been a California certified lead Inspector / Risk Assessor since 1993. He has extensive experience in related environmental services. He obtained a B.S.B.A. degree from Washington University in St. Louis (1980). He is a member of Mensa, the high IQ society. As an active member of ASTM, he has contributed to the revisions to the ASTM Phase I Environmental Site Assessment Standard, was chairman of an asbestos survey task group, and helped write portions of the ASTM Property Condition Assessment standard. He has written numerous magazine articles and has spoken at local, state, and national conventions. He also provides expert witness services.

Sincerely,  
Masek Consulting Services, Inc.





F. Stephen Masek

President

California Certified Asbestos Consultant #92-0822, expires November 19 every year

California Certified Lead Inspector / Risk Assessor / Project Monitor #751

Indoor Air Quality Association member

ASTM International member, Committees D-22 & E-50

E-Mail: [stephenmasek@masekconsulting.net](mailto:stephenmasek@masekconsulting.net)

### **Sketch and Laboratory Report Attachments**

The attachments are important parts of this report.

The chain of custody form is a part of the laboratory report and is one of the pages counted in the report.

Avoiding laboratory bias is done by minimizing the information provided to the laboratory. Therefore, we do not give information to the laboratory about which samples are or are not homogeneous, where they were collected, the full address of the building, and the name of the owner, as such information could be the cause of laboratory bias.

Eight pages of sketches follow. We generally omit the prefix of the sample numbers from the sketch for clarity. Such prefixes are used solely to prevent the laboratory from accidentally mixing samples from different batches.

The 16 page asbestos laboratory report, number 71964123, prepared by Scientific Analytical Institute, Inc. follows.



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
 EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
 App.E



**Customer:** Masek Consulting Services, Inc.  
 23478 Sandstone  
 Mission Viejo, CA 92692

**Attn:** Stephen Masek

**Lab Order ID:** 71964123  
**Analysis ID:** 71964123\_PLM  
**Date Received:** 4/21/2021  
**Date Reported:** 4/23/2021

**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-1		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_1					Dissolved
KJ-2		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_2					Dissolved
KJ-3		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_3					Dissolved
KJ-4		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_4					Dissolved
KJ-5		None Detected	5% Cellulose	95% Other	Gray Non Fibrous Homogeneous
71964123PLM_5					Dissolved
KJ-6		None Detected		100% Other	Beige Non Fibrous Heterogeneous
71964123PLM_6					Crushed
KJ-7		None Detected		100% Other	Gray Non Fibrous Heterogeneous
71964123PLM_7					Crushed
KJ-8		None Detected		100% Other	Cream Non Fibrous Heterogeneous
71964123PLM_8					Ashed, Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Megan Javonovich (57)  
 Heather Davide (57)

Analyst

Approved Signatory



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EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
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Lab Sample ID	Lab Notes				Treatment
KJ-9		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_9					Dissolved
KJ-10		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_10					Crushed
KJ-11		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_11					Crushed
KJ-12		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_12					Crushed
KJ-13		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_13					Crushed
KJ-14		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_14					Crushed
KJ-15		None Detected	40% Fiber Glass	60% Other	Black, Gray Fibrous Heterogeneous
71964123PLM_15					Dissolved
KJ-16		None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
71964123PLM_16					Dissolved

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Heather Davide (57)

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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-17		None Detected		100% Other	Silver, White Non Fibrous Heterogeneous
71964123PLM_17					Ashed
KJ-18		None Detected		100% Other	Beige, Blue, Pink Non Fibrous Homogeneous
71964123PLM_18					Dissolved
KJ-19		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_19					Dissolved
KJ-20		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_20					Crushed
KJ-21		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_21					Crushed
KJ-22		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_22					Crushed
KJ-23		None Detected	80% Cellulose	20% Other	Blue Fibrous Homogeneous
71964123PLM_23					Ashed
KJ-24		None Detected	30% Fiber Glass	70% Other	Silver Non Fibrous Homogeneous
71964123PLM_24					Ashed, Dissolved

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 Heather Davide (57)

Analyst

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# Bulk Asbestos Analysis

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 EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-25		None Detected	20% Cellulose	80% Other	Beige Non Fibrous Homogeneous
71964123PLM_25					Teased
KJ-26		None Detected	20% Cellulose 10% Fiber Glass	70% Other	White Non Fibrous Homogeneous
71964123PLM_26					Teased
KJ-27		None Detected		100% Other	Yellow Non Fibrous Homogeneous
71964123PLM_27					Crushed
KJ-28		None Detected	20% Cellulose	80% Other	White Non Fibrous Homogeneous
71964123PLM_28					Teased
KJ-29		None Detected	20% Cellulose 10% Fiber Glass	70% Other	White Non Fibrous Homogeneous
71964123PLM_29					Teased
KJ-30		None Detected	20% Cellulose	80% Other	White Non Fibrous Homogeneous
71964123PLM_30					Teased
KJ-31		None Detected	98% Fiber Glass	2% Other	White Fibrous Homogeneous
71964123PLM_31					Teased
KJ-32		Not Submitted			
71964123PLM_32					

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Megan Javonovich (57)  
 Heather Davide (57)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
 EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
 App.E



**Customer:** Masek Consulting Services, Inc.  
 23478 Sandstone  
 Mission Viejo, CA 92692

**Attn:** Stephen Masek

**Lab Order ID:** 71964123  
**Analysis ID:** 71964123\_PLM  
**Date Received:** 4/21/2021  
**Date Reported:** 4/23/2021

**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-33		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_33					Dissolved
KJ-34		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_34					Crushed
KJ-35		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_35					Crushed
KJ-36		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_36					Dissolved
KJ-37		None Detected	80% Cellulose	20% Other	Blue Fibrous Homogeneous
71964123PLM_37					Ashed
KJ-38		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_38					Crushed
KJ-39		None Detected		100% Other	Beige, White, Silver Non Fibrous Heterogeneous
71964123PLM_39					Dissolved
KJ-40		None Detected	90% Fiber Glass	10% Other	White, Black Fibrous Heterogeneous
71964123PLM_40					Dissolved, Teased

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 Heather Davide (57)

Analyst

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EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
App.E



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23478 Sandstone  
Mission Viejo, CA 92692

**Attn:** Stephen Masek

**Lab Order ID:** 71964123  
**Analysis ID:** 71964123\_PLM  
**Date Received:** 4/21/2021  
**Date Reported:** 4/23/2021

**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-41		None Detected	20% Cellulose 10% Fiber Glass	70% Other	White Non Fibrous Homogeneous
71964123PLM_41					Teased
KJ-42		None Detected		100% Other	Yellow Non Fibrous Homogeneous
71964123PLM_42					Crushed
KJ-43		None Detected	20% Cellulose 10% Fiber Glass	70% Other	White Non Fibrous Homogeneous
71964123PLM_43					Teased
KJ-44		None Detected	10% Wollastonite 5% Fiber Glass	85% Other	Beige Non Fibrous Homogeneous
71964123PLM_44					Dissolved
KJ-45		None Detected	10% Fiber Glass	90% Other	White Non Fibrous Homogeneous
71964123PLM_45					Teased
KJ-46		None Detected	30% Cellulose 10% Fiber Glass	60% Other	Beige Fibrous Homogeneous
71964123PLM_46					Ashed
KJ-47		None Detected	20% Cellulose	80% Other	White Non Fibrous Homogeneous
71964123PLM_47					Teased
KJ-48		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_48					Crushed

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Megan Javonovich (57)  
Heather Davide (57)

Analyst

Approved Signatory



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EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
App.E



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Mission Viejo, CA 92692

**Attn:** Stephen Masek

**Lab Order ID:** 71964123

**Analysis ID:** 71964123\_PLM

**Date Received:** 4/21/2021

**Date Reported:** 4/23/2021

**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-49		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_49					Crushed
KJ-50		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_50					Dissolved
KJ-51		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_51					Crushed
KJ-52		None Detected		100% Other	Brown Non Fibrous Homogeneous
71964123PLM_52					Dissolved
KJ-53		None Detected	98% Fiber Glass	2% Other	White Fibrous Homogeneous
71964123PLM_53					Teased
KJ-54		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_54					Dissolved
KJ-55		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_55					Crushed
KJ-56		None Detected		100% Other	Beige Non Fibrous Homogeneous
71964123PLM_56					Dissolved

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Megan Javonovich (57)

Heather Davide (57)

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 EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,  
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**Date Received:** 4/21/2021  
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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-57		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_57					Crushed
KJ-58		None Detected	85% Cellulose	15% Other	Gray Fibrous Heterogeneous
71964123PLM_58					Teased, Crushed
KJ-59		None Detected	27% Cellulose 3% Synthetic Fibers	70% Other	White Fibrous Heterogeneous
71964123PLM_59					Teased, Crushed
KJ-60		None Detected		100% Other	Yellow Non Fibrous Homogeneous
71964123PLM_60					Crushed
KJ-61		None Detected	70% Fiber Glass	30% Other	Gray, White Fibrous Heterogeneous
71964123PLM_61					Teased, Ashed
KJ-62		None Detected	30% Cellulose 5% Fiber Glass	65% Other	White Fibrous Heterogeneous
71964123PLM_62					Teased, Crushed
KJ-63		None Detected	5% Cellulose 5% Fiber Glass	90% Other	Gray Fibrous Heterogeneous
71964123PLM_63					Teased, Crushed
KJ-64		None Detected	20% Cellulose	80% Other	White Fibrous Heterogeneous
71964123PLM_64					Teased, Crushed

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 Heather Davide (57)

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**Date Reported:** 4/23/2021

**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-65		None Detected	27% Cellulose 3% Synthetic Fibers	70% Other	White Fibrous Heterogeneous
71964123PLM_65					Teased, Crushed
KJ-66		None Detected	20% Cellulose	80% Other	White Fibrous Heterogeneous
71964123PLM_66					Teased, Crushed
KJ-67		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_67					Crushed, Dissolved
KJ-68		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_68					Dissolved
KJ-69		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_69					Crushed
KJ-70		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_70					Crushed, Dissolved
KJ-71		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_71					Dissolved
KJ-72		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_72					Crushed

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 Heather Davide (57)

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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-73		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_73					Crushed
KJ-74		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_74					Crushed, Dissolved
KJ-75		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_75					Dissolved
KJ-76		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_76					Crushed
KJ-77		None Detected	27% Cellulose 3% Synthetic Fibers	70% Other	White Fibrous Heterogeneous
71964123PLM_77					Teased, Crushed
KJ-78		None Detected	30% Cellulose	70% Other	White, Gray Fibrous Heterogeneous
71964123PLM_78					Teased, Crushed
KJ-79		None Detected	20% Cellulose	80% Other	White Fibrous Heterogeneous
71964123PLM_79					Teased, Crushed
KJ-80		None Detected	60% Cellulose	40% Other	White Fibrous Heterogeneous
71964123PLM_80					Teased, Crushed

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 Heather Davide (57)

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**Lab Order ID:** 71964123  
**Analysis ID:** 71964123\_PLM  
**Date Received:** 4/21/2021  
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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-81		None Detected	98% Fiber Glass	2% Other	White Fibrous Heterogeneous
71964123PLM_81					Teased, Crushed
KJ-82		None Detected	20% Cellulose	80% Other	White Fibrous Heterogeneous
71964123PLM_82					Teased, Crushed
KJ-83		None Detected	30% Cellulose	70% Other	White Fibrous Heterogeneous
71964123PLM_83					Teased, Crushed
KJ-84		None Detected	80% Fiber Glass	20% Other	White Non Fibrous Homogeneous
71964123PLM_84					Teased, Ashed
KJ-85		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_85					Crushed, Dissolved
KJ-86		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_86					Dissolved
KJ-87		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_87					Crushed
KJ-88		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_88					Crushed, Dissolved

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**Analysis ID:** 71964123\_PLM  
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-89		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_89					Dissolved
KJ-90		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_90					Crushed
KJ-91		None Detected	30% Fiber Glass	70% Other	Black, Gray Non Fibrous Homogeneous
71964123PLM_91					Crushed, Dissolved
KJ-92		None Detected	15% Fiber Glass	85% Other	Black Non Fibrous Homogeneous
71964123PLM_92					Crushed, Dissolved
KJ-93		None Detected		100% Other	Black, Gray Non Fibrous Homogeneous
71964123PLM_93					Crushed, Dissolved
KJ-94		None Detected		100% Other	Black, Gray, Brown Non Fibrous Homogeneous
71964123PLM_94					Crushed, Dissolved
KJ-95		None Detected	60% Fiber Glass	40% Other	Black Fibrous Heterogeneous
71964123PLM_95					Teased, Dissolved
KJ-96		None Detected	20% Fiber Glass	80% Other	Black, Gray Non Fibrous Homogeneous
71964123PLM_96					Crushed, Dissolved

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**Date Received:** 4/21/2021  
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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-97		None Detected	30% Fiber Glass	70% Other	Black Non Fibrous Homogeneous
71964123PLM_97					Crushed, Dissolved
KJ-98		None Detected		100% Other	Black, Gray Non Fibrous Homogeneous
71964123PLM_98					Crushed, Dissolved
KJ-99		None Detected	80% Fiber Glass 5% Wollastonite	15% Other	White, Gray Non Fibrous Homogeneous
71964123PLM_99					Crushed, Ashed
KJ-100		None Detected	30% Cellulose	70% Other	Gray, White Fibrous Heterogeneous
71964123PLM_100					Teased, Crushed
KJ-101		None Detected	20% Cellulose	80% Other	Gray Fibrous Heterogeneous
71964123PLM_101					Teased, Crushed
KJ-102		None Detected	98% Fiber Glass	2% Other	White Fibrous Heterogeneous
71964123PLM_102					Teased, Crushed
KJ-103		None Detected	5% Cellulose 5% Fiber Glass	90% Other	Gray Fibrous Heterogeneous
71964123PLM_103					Teased, Crushed
KJ-104		None Detected	27% Cellulose 3% Synthetic Fibers	70% Other	White Fibrous Heterogeneous
71964123PLM_104					Teased, Crushed

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**Analysis ID:** 71964123\_PLM  
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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-105		None Detected	27% Cellulose 3% Synthetic Fibers	70% Other	Green Fibrous Heterogeneous
71964123PLM_105					Teased, Crushed
KJ-106		None Detected	30% Fiber Glass	70% Other	White Fibrous Heterogeneous
71964123PLM_106					Teased, Ashed
KJ-107		None Detected	20% Cellulose	80% Other	Tan Fibrous Heterogeneous
71964123PLM_107					Teased, Crushed
KJ-108		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_108					Crushed
KJ-109		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_109					Crushed, Dissolved
KJ-110		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_110					Dissolved
KJ-111		None Detected		100% Other	Gray Non Fibrous Homogeneous
71964123PLM_111					Crushed, Dissolved
KJ-112		None Detected		100% Other	Black Non Fibrous Homogeneous
71964123PLM_112					Dissolved

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**Analysis ID:** 71964123\_PLM

**Date Received:** 4/21/2021

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**Project:** KJ

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
KJ-113		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_113					Crushed
KJ-114		None Detected		100% Other	White Non Fibrous Homogeneous
71964123PLM_114					Crushed

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Megan Javonovich (57)  
Heather Davide (57)

Analyst

Approved Signatory



11904123

Chain Of Custody To: Scientific Analytical Institute, Inc. 4604 Dundas Drive, Greensboro, NC 27407 SAI Fed-Ex: 2800 3394-4	From: Masek Consulting Services, Inc. 23478 Sandstone St. Mission Viejo, CA 92692 Phone: (949) 581-8503 • <a href="http://www.masekconsulting.net">http://www.masekconsulting.net</a> SAI Client ID : MCS01
--	---

Project Name: KJ

Enclosed are 104 samples

Numbered KJ-1 to KJ-104

First positive Stop on the following samples: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- PLM    TEM(AHERA / LEVEL II / bulk)    Lead (1  wipe)
- Other: \_\_\_\_\_

Turnaround (from the day & hour the samples are received at the lab to the day and hour we receive the complete **final** report with **all** signatures):

- 3 Day    48 Hour    24 Hour    12 hour    6 hour

*Only analyze the numbered materials listed on the sample bags.*

**E-mail the results with the countersigned chain of custody to [stephenmasek@masekconsulting.net](mailto:stephenmasek@masekconsulting.net)**

Samples collected and relinquished by F. Stephen Masek:

Date: 4/20/21 Signature: F. Stephen Masek

Lab - Received:

Date: 4/21 Name: Bowley Signature: PMuller

1030A

Accepted  
Rejected

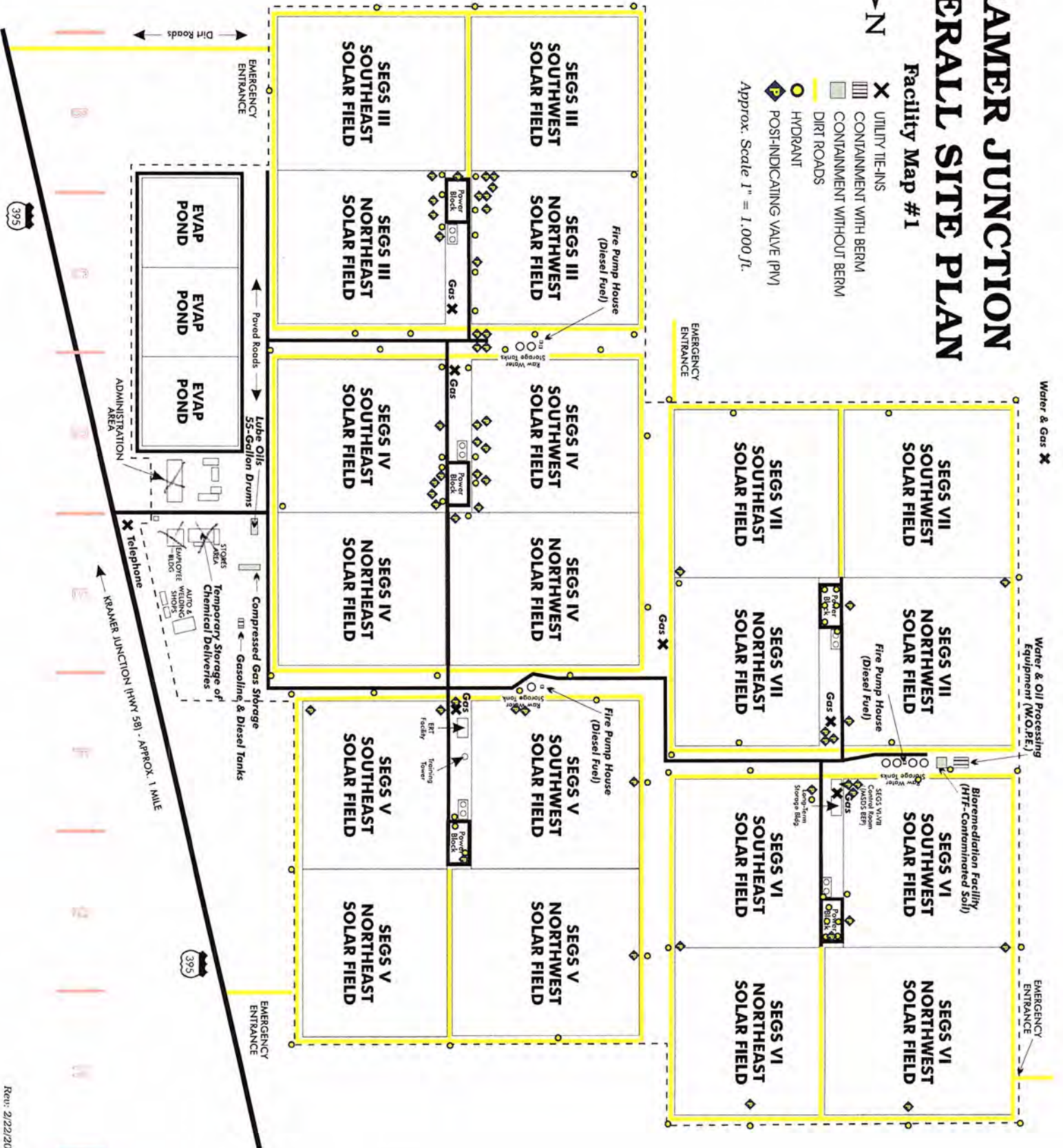


# KRAMER JUNCTION OVERALL SITE PLAN

Facility Map # 1



- X UTILITY TIE-INS
  - ▨ CONTAINMENT WITH BERM
  - CONTAINMENT WITHOUT BERM
  - DIRT ROADS
  - HYDRANT
  - ◇ POST-INDICATING VALVE (PIV)
- Approx. Scale 1" = 1,000 Ft.



395

395

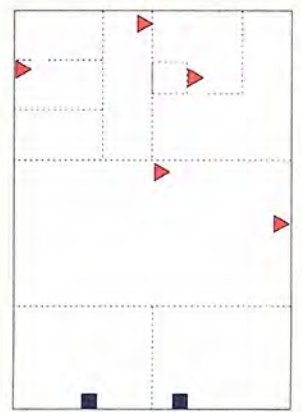
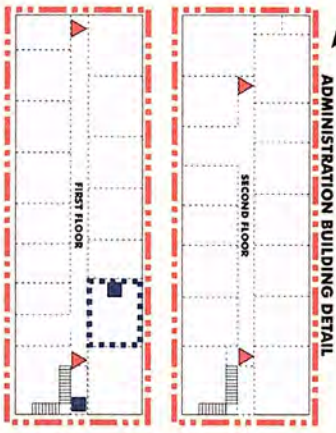
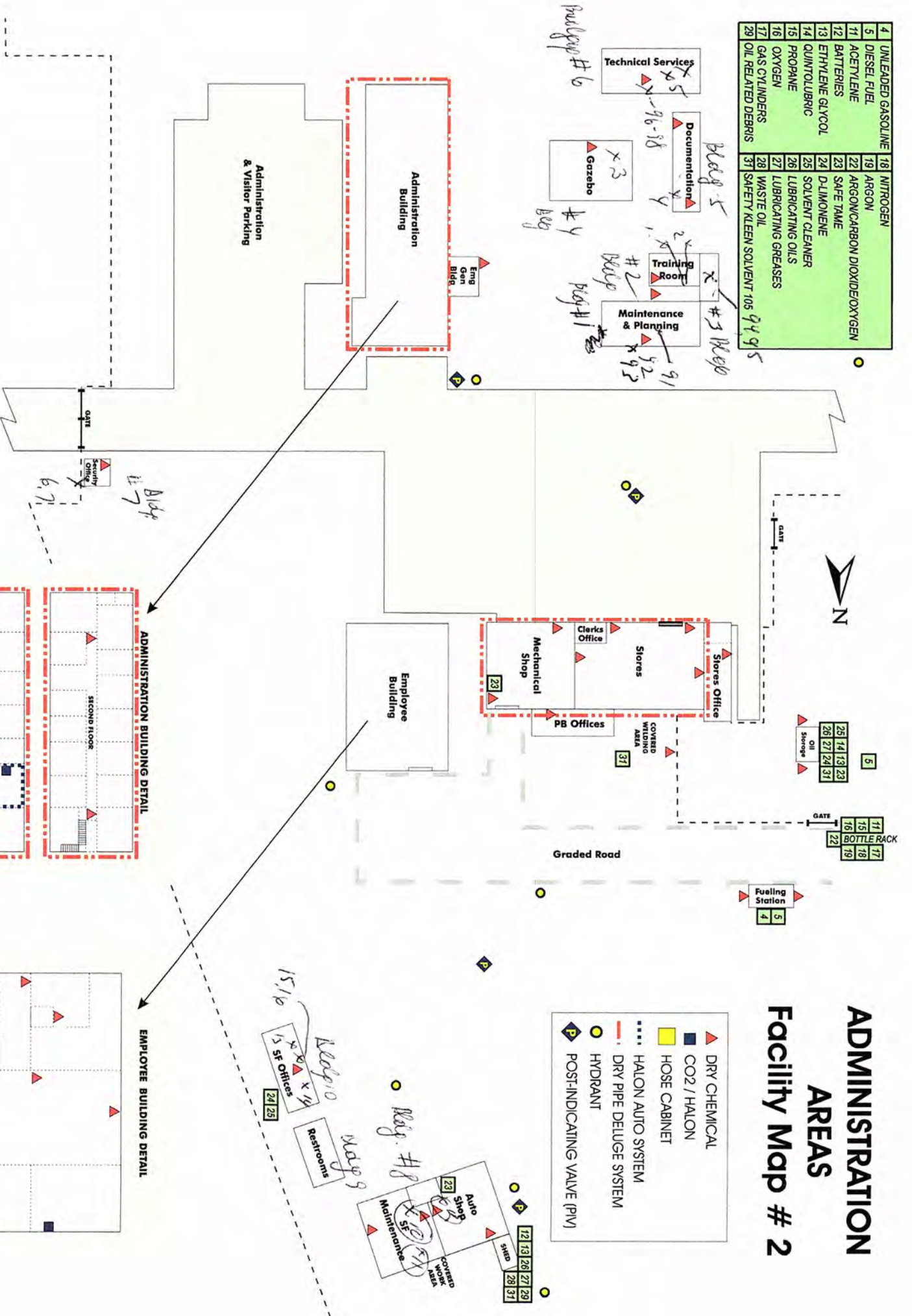


4	UNLEADED GASOLINE	18	NITROGEN
5	DIESEL FUEL	19	ARGON
11	ACETYLENE	22	ARGON/CARBON DIOXIDE/OXYGEN
12	BATTERIES	23	SAFE TAME
13	ETHYLENE GLYCOL	24	D-LIMONENE
14	QUINTOLUBRIC	25	SOLVENT CLEANER
15	PROPANE	26	LUBRICATING OILS
16	OXYGEN	27	LUBRICATING GREASES
17	GAS CYLINDERS	28	WASTE OIL
29	OIL RELATED DEBRIS	31	SAFETY KLEEN SOLVENT 105 9495

# ADMINISTRATION AREAS

## Facility Map # 2

- ▲ DRY CHEMICAL
- CO2 / HALON
- HOSE CABINET
- HALON AUTO SYSTEM
- DRY PIPE DELUGE SYSTEM
- HYDRANT
- ◆ POST-INDICATING VALVE (PIV)



Rev: 2/15/2010

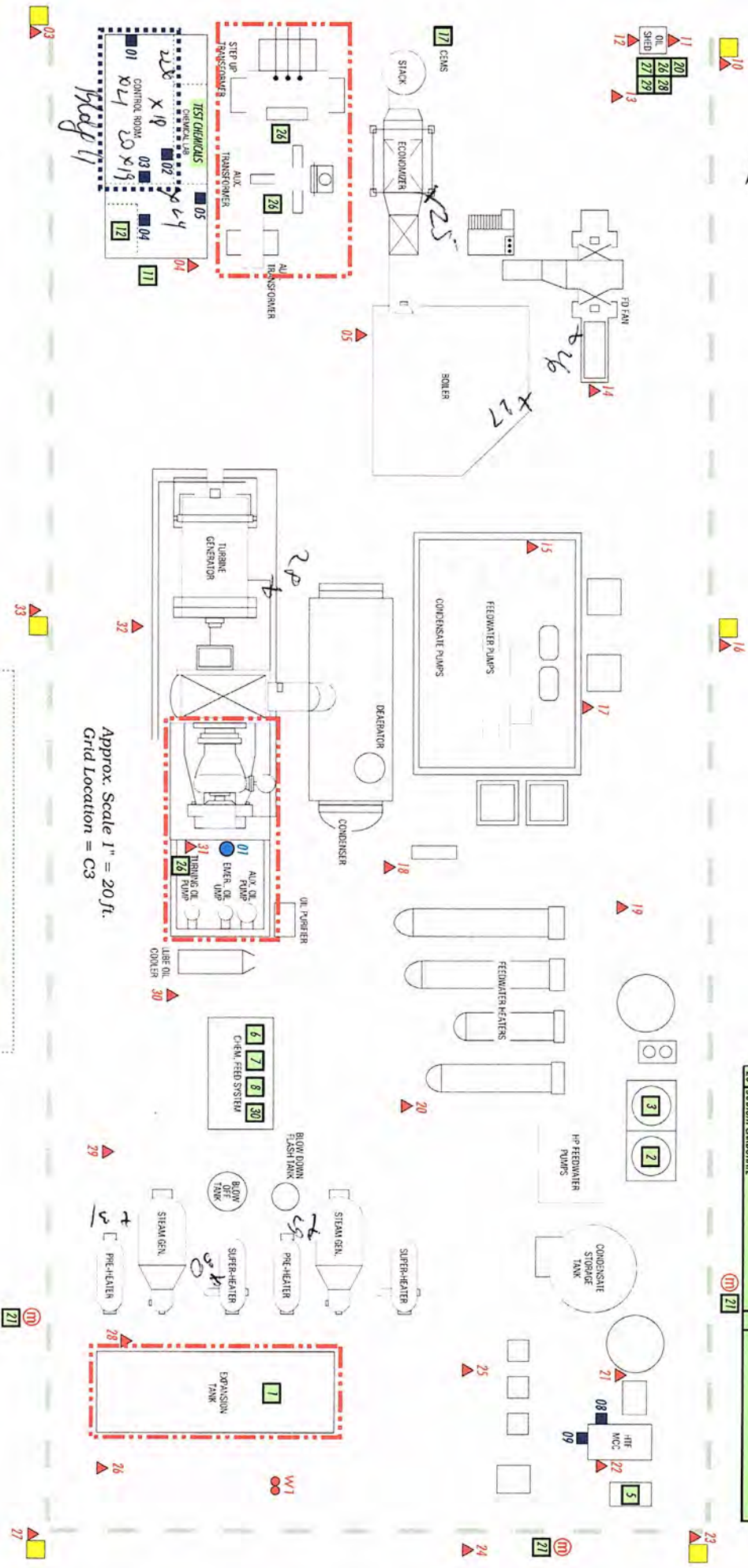
Approx. Scale 1" = 50 ft.  
Grid Location = D1-E1

# SEGS III POWER BLOCK Facility Map # 3



- FOAM EXTINGUISHER
- ▲ DRY CHEMICAL
- CO2 / HALON
- ⊙ DRY CHEM WHEELED UNIT
- HOSE CABINET
- M FOAM MONITOR
- M HALON AUTO SYSTEM
- M DRY PIPE DELUGE SYSTEM

1	THIRMANOL VP1	12	BATTERIES
2	SULPHURIC ACID H2SO4 (93-9%)	17	GAS CYLINDERS
3	CAUSTIC NaOH (50% Solution)	18	MITROGEN
5	DIESEL FUEL	21	FIRE FIGHTING FOAM
6	C.T. P04 (Phosphates) CI1491	26	LIBERATION OILS
7	BOILER P04 (O/F) Sodium Phosphate BL1794	27	LIBRICATING GREASSES
8	AMINE (Iminophenol) BL1551	28	WASTE OIL
10	LIQUID BLEACH (12.5% Max. Sodium Hypochlorite)	29	OIL REFINED DEBRIS
11	ACETYLENE	30	O2 SCAVENGER (Sodium Acetate) BL240
20	SODIUM CARBONATE		

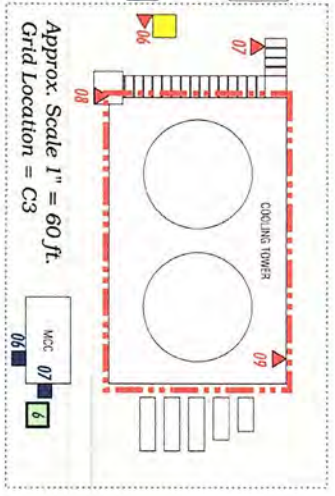


Approx. Scale 1" = 20 ft.  
Grid Location = C3

Approx. Scale 1" = 20 ft.  
Grid Location = C3



Approx. Scale 1" = 20 ft.  
Grid Location = C3



Approx. Scale 1" = 60 ft.  
Grid Location = C3



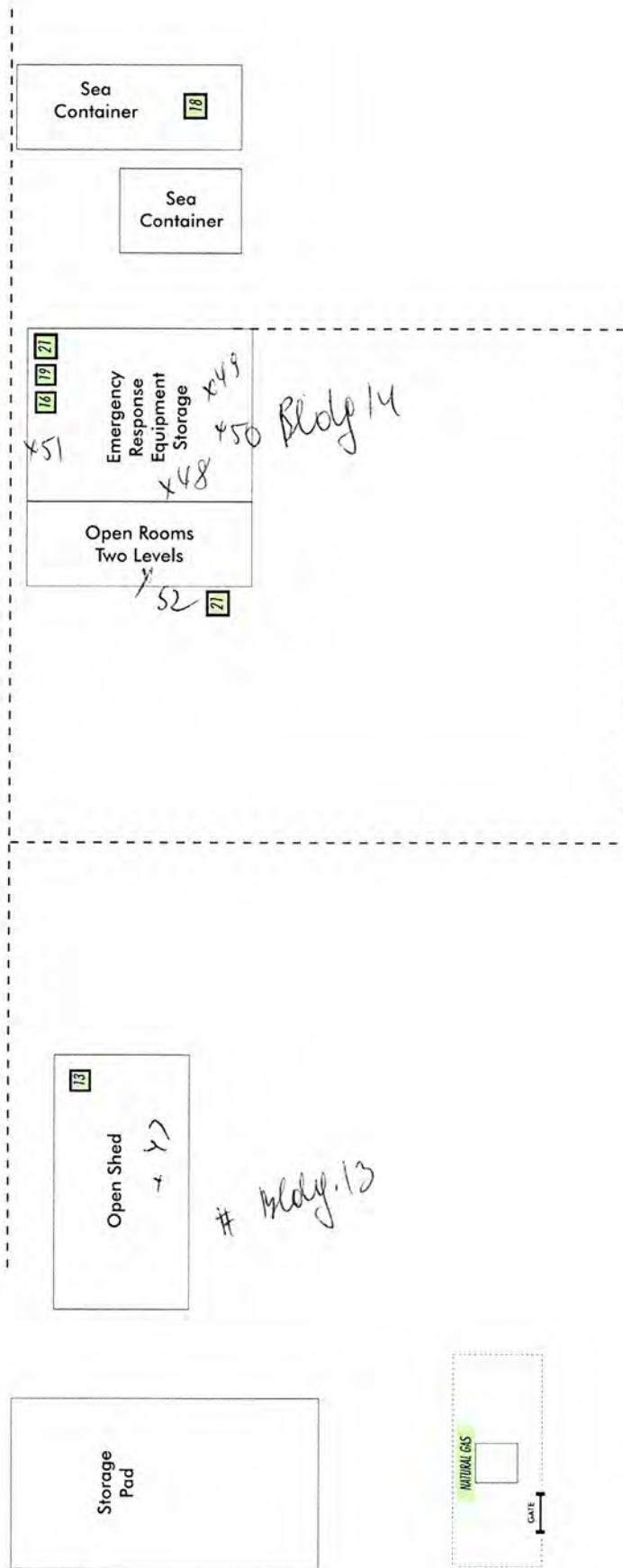
Approx. Scale 1" = 20 ft.  
Grid Location = C3





# SEGS V ERT FACILITY AREA Facility Map #5

13	ETHYLENE GLYCOL
16	OXYGEN
18	NITROGEN
19	ARGON
21	FIRE FIGHTING FOAM



Approx. Scale 1" = 40 ft.  
Grid Location = F3

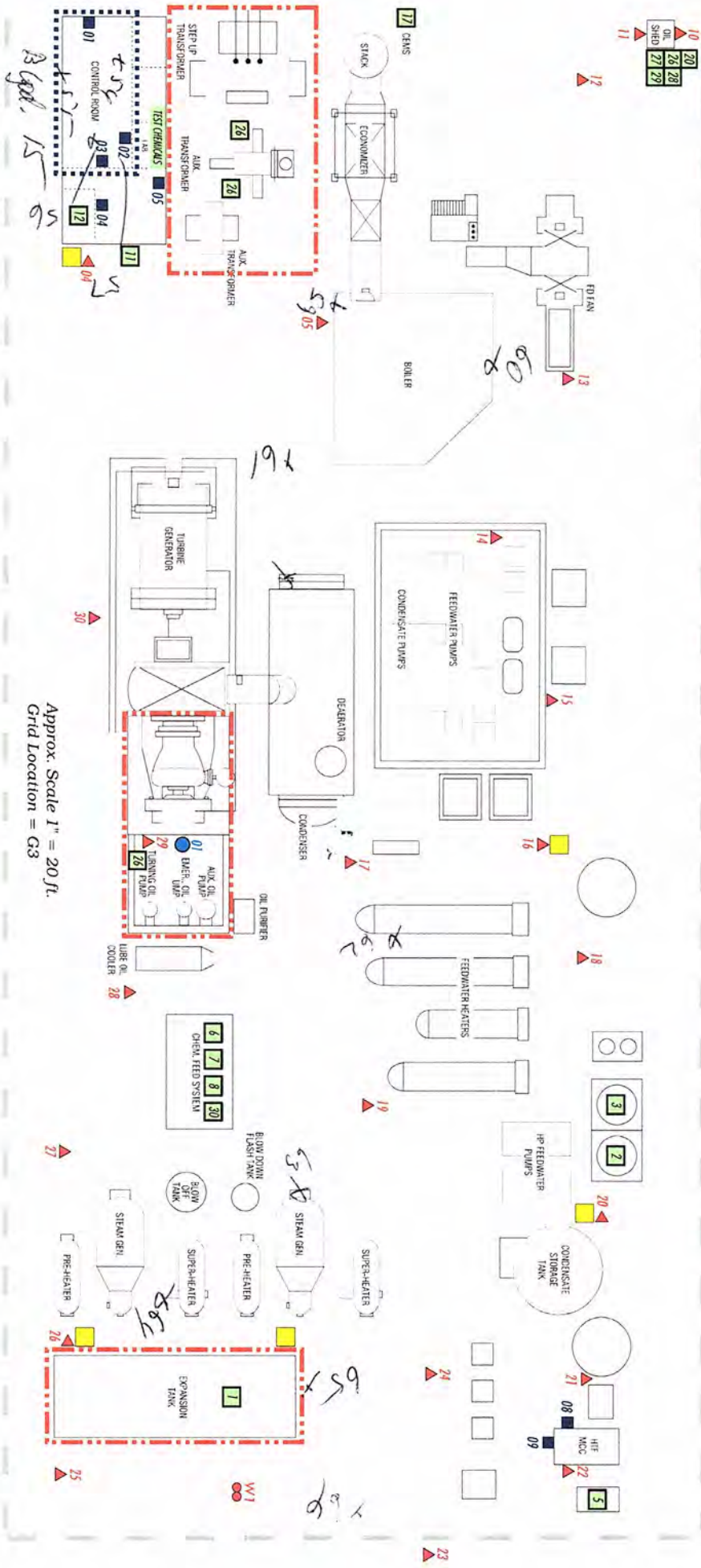
Rev: 2/22/2008

# SEGS V POWER BLOCK Facility Map #6



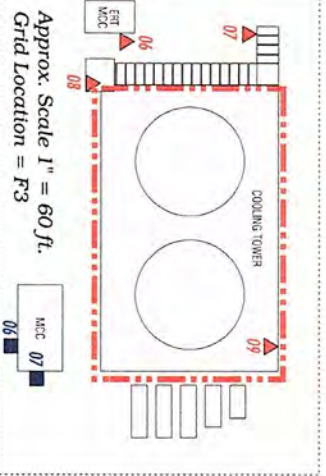
- FOAM EXTINGUISHER
- ▲ DRY CHEMICAL
- CO2 / HALON
- DRY CHEM WHEELED UNIT
- HOSE CABINET
- M FOAM MONITOR
- M HALON AUTO SYSTEM
- DRY PIPE DELUGE SYSTEM

1	THERMINOL VP1	112	BATTERIES
2	SULPHURIC ACID H2SO4 (93.5%)	117	GAS CYLINDERS
3	CAUSTIC NAOH (50% Solution)	118	NITROGEN
5	DIESEL FUEL	121	FIRE FIGHTING FOAM
6	C.T. P04 (Phosphates) Q11491	126	LUBRICATION OILS
7	BOILER P04 (0/70 Sodium Phosphate) BL1794	127	LUBRICATING GREASSES
8	AMINE (Aminophine) BL1551	128	WASTE OIL
10	LIQUID BLEACH (12.5% Max. Sodium Hypochlorite)	129	OIL RELATED DEBRIS
11	ACETYLENE	130	02 SCAVENGER (Sodium Acetate) BL1240
20	SODIUM CARBONATE		



Approx. Scale 1" = 20 ft.  
Grid Location = G3

Approx. Scale 1" = 20 ft.  
Grid Location = F3



Approx. Scale 1" = 60 ft.  
Grid Location = F3



Approx. Scale 1" = 20 ft.  
Grid Location = F3



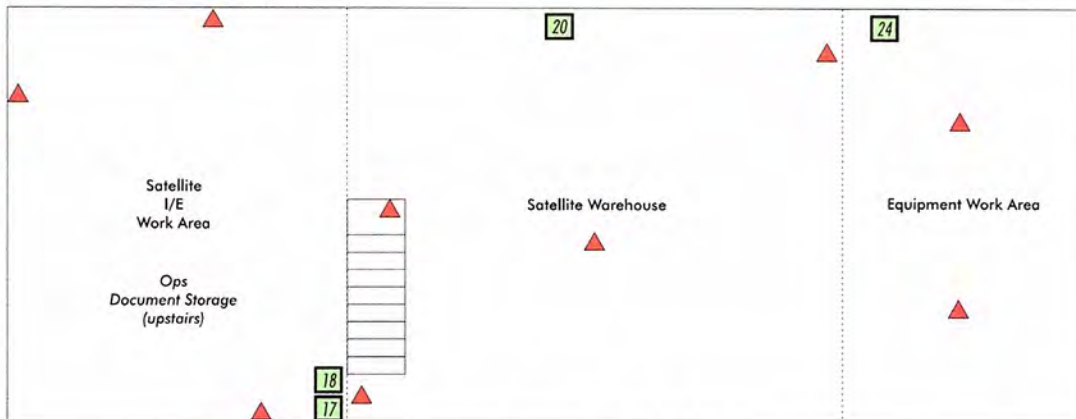
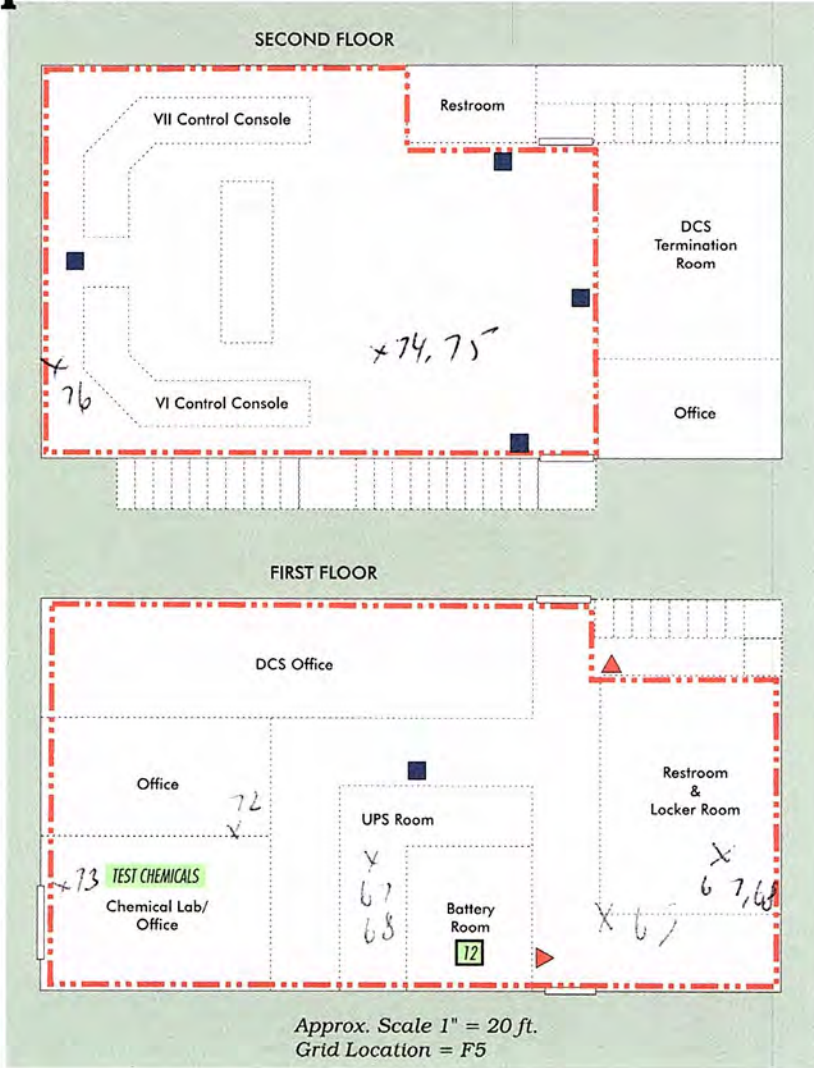
# SEGS VI & VII CONTROL ROOM & COMMONS AREAS

## Facility Map # 7



▲	DRY CHEMICAL
■	CO <sub>2</sub> / HALON
■	HOSE CABINET
⋯	HALON AUTO SYSTEM
—	DRY PIPE DELUGE SYSTEM

1	THERMINOL VP1
12	BATTERIES
17	GAS CYLINDERS
18	NITROGEN
20	SODIUM CARBONATE
24	D-LIMONENE, CITRAMAX
28	WASTE OIL
29	SOLID OIL-RELATED DEBRIS



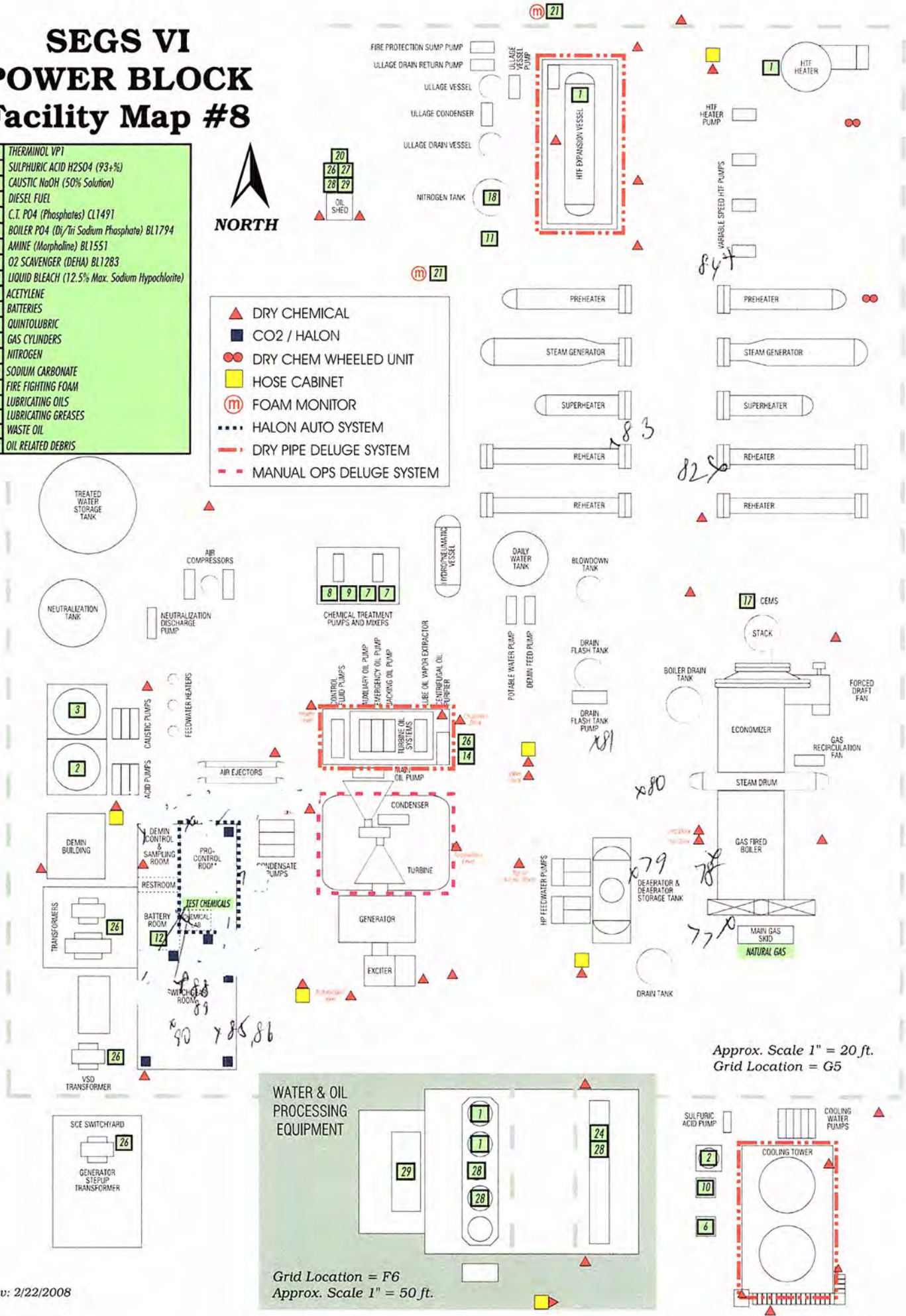


# SEGS VI POWER BLOCK Facility Map #8

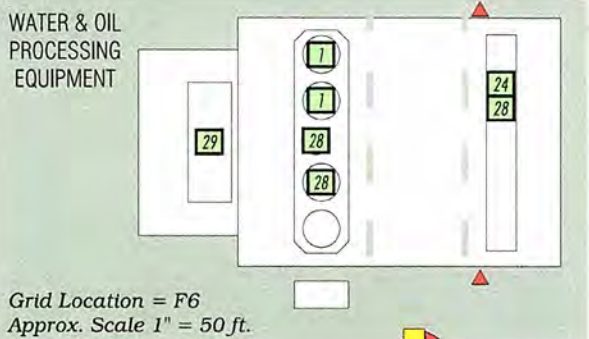
1	THERMINOL VP1
2	SULPHURIC ACID H2SO4 (93+%)
3	CAUSTIC NaOH (50% Solution)
5	DIESEL FUEL
6	C.T. P04 (Phosphates) CL1491
7	BOILER P04 (Di/Tri Sodium Phosphate) BL1794
8	AMINE (Morphaline) BL1551
9	O2 SCAVENGER (DEHA) BL1283
10	LIQUID BLEACH (12.5% Max. Sodium Hypochlorite)
11	ACETYLENE
12	BATTERIES
14	QUINTOLUBRIC
17	GAS CYLINDERS
18	NITROGEN
20	SODIUM CARBONATE
21	FIRE FIGHTING FOAM
26	LUBRICATING OILS
27	LUBRICATING GREASES
28	WASTE OIL
29	OIL RELATED DEBRIS



- ▲ DRY CHEMICAL
- CO2 / HALON
- DRY CHEM WHEELED UNIT
- HOSE CABINET
- Ⓜ FOAM MONITOR
- ⋯ HALON AUTO SYSTEM
- DRY PIPE DELUGE SYSTEM
- - - MANUAL OPS DELUGE SYSTEM



Approx. Scale 1" = 20 ft.  
Grid Location = G5



Grid Location = F6  
Approx. Scale 1" = 50 ft.

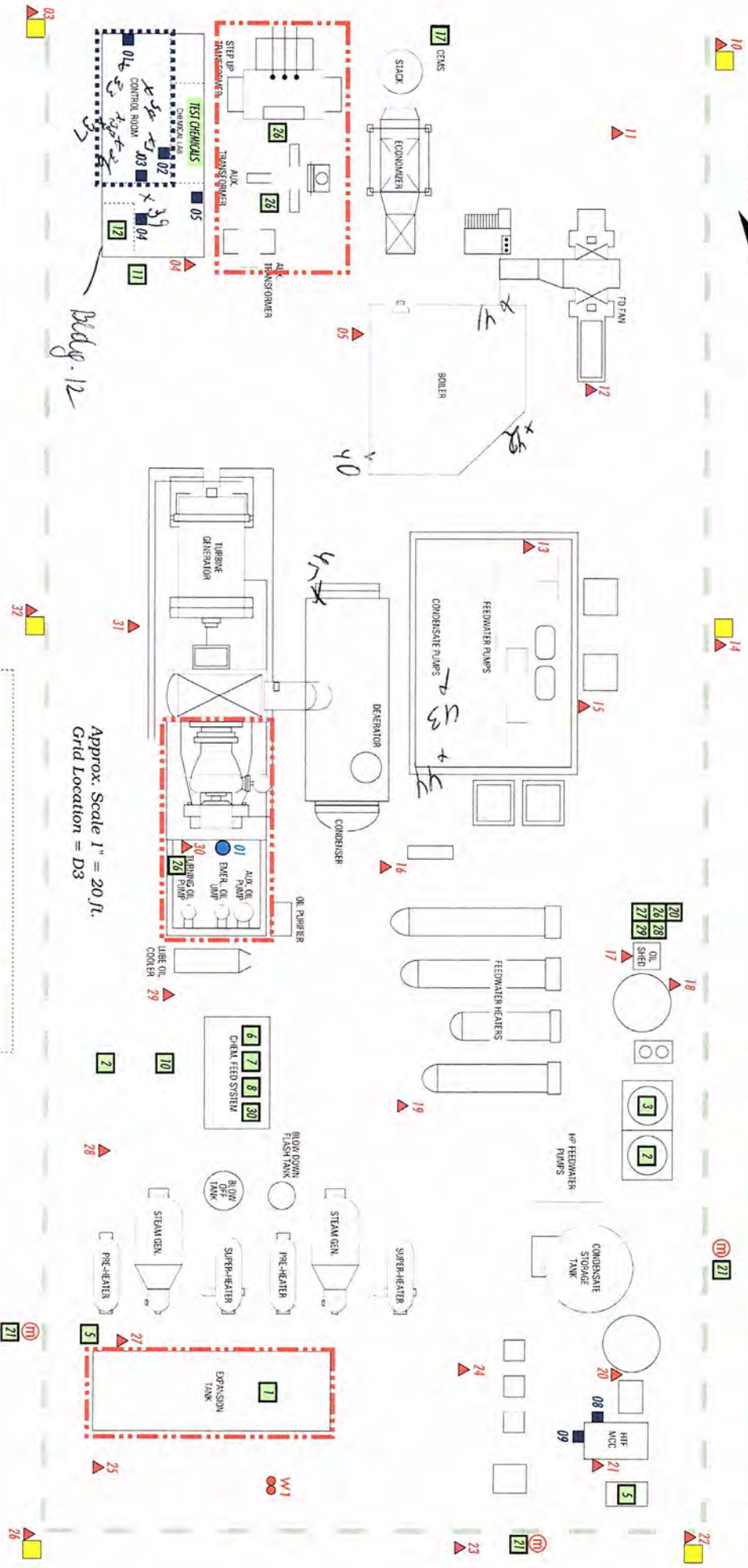


# SEGS IV POWER BLOCK Facility Map #4

NORTH

- FOAM EXTINGUISHER
- ▲ DRY CHEMICAL
- CO2 / HALON
- DRY CHEM WHEELIED UNIT
- HOSE CABINET
- M FOAM MONITOR
- M HALON AUTO SYSTEM
- DRY PIPE DELUGE SYSTEM

1	TERMINAL VP1	12	BATTERIES
2	SULPHURIC ACID H2SO4 (93-9%)	17	GAS CYLINDERS
3	CAUSTIC NaOH (50% Solution)	18	NITROGEN
5	DIESEL FUEL	21	FIRE FIGHTING FOAM
6	C.T. P04 (Phosphates) (LI49)	26	LUBRICATION OILS
7	BOILER P04 (O/Tri Sodium Phosphate) BL1794	27	LUBRICATING GREASES
8	AMINE (Amorphous) BL1551	28	WASTE OIL
10	LIQUID BLEACH (12.5% Max. Sodium Hypochlorite)	29	OIL REAGENT DERRIS
11	ACETYLENE	30	SCAVENGER (Sodium Acetate) BL240
20	SODIUM CARBONATE		



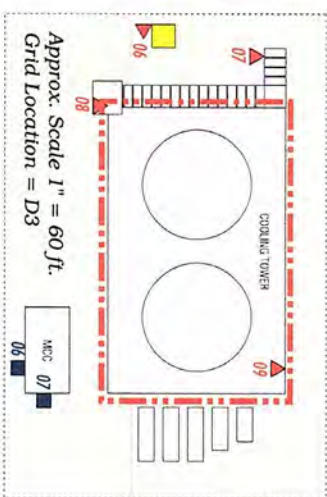
Bldg. 12

Approx. Scale 1" = 20 ft.  
Grid Location = D3

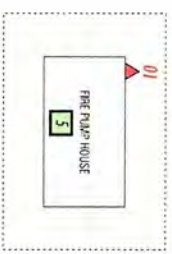
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Grid Location = D3



Approx. Scale 1" = 20 ft.  
Grid Location = D3



Approx. Scale 1" = 60 ft.  
Grid Location = D3



Approx. Scale 1" = 20 ft.  
Grid Location = D3



# **Attachment G: Safety Inspection Report**



July 6, 2021

Mr. John Heiser, Compliance Project Manager  
California Energy Commission  
1516 Ninth Street, (MS-2000)  
Sacramento, California 95814

Subject: SEGS III-VII (87-AFC-01C) June 2021 Safety Inspection Report

Dear Mr. Heiser,

In compliance with **D-WS-2**, this letter is to serve as the Safety Inspection Report for the Solar Energy Generation System Units III-VII (SEGS III-VII) Decommissioning Project (Project) for June 2021. Because the Full Notice to Proceed was received for the Project on June 24, 2021, this report pertains to the period between June 24 to June 30, 2021.

**D-WS-2** requires that the Construction Safety Supervisor submit the following information in a monthly safety inspection report:

- A record of all employees trained for that month (all records shall be kept on-site for the duration of the Project); **which can be found in Attachment A of the Monthly Compliance Report to which this letter is attached.**
- Summary report of safety management actions and safety-related incidents that occurred during the month—**These included a Project kick-off safety meeting, Worker Environmental Awareness Program training, site-specific employee orientation, and a tail board meeting on June 23, 2021.**
- Report of any continuing or unresolved situations and incidents that may pose danger to life or health—**no continuing or unresolved situations or incidents occurred during June 2021.**
- Report of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA—**no visits or complaints occurred.**
- Report of accidents, injuries, and near misses that occurred during the month—**no accidents, injuries or near misses occurred.**

Best Regards,

A handwritten signature in black ink, appearing to read "Roger Klein".

Roger Klein, Construction Safety Supervisor  
NextEra Energy Resources



# **Attachment H: Biological Monitoring Log**



**SEGS III-VII Decommissioning  
 Pre-Decommissioning Biological Survey Form**

<b>Date</b> (mmddyy) <u>6/18/21</u> <b>Observer</b> <u>Phillip Wasz</u> <b>Start Time</b> <u>0800</u> <b>End Time</b> <u>1330</u> <b>Page</b> <u>1</u> <b>of</b> <u>2</u>
<b>Visibility</b> (circle one): <b>Good</b> Fair Poor
<b>Precipitation</b> (circle one) <b>none</b> light rain rain other

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

SEGS Sites 3-7 and 500 ft buffer

**Habitat Description:** Inside the fence was very disturbed/developed. Native saltbush scrub and creosote bush scrub made up most of the buffer.

**Species Observed (attach additional sheet if necessary):**

<b>Plants</b> See Attached Plant List (Attachment A)	<b>Animals</b> See Attached Animals List (Attachment B)

**Site Information:**

<b>Overall habitat quality (circle one)</b> <b>Excellent</b> <b>Good</b> <b>Fair</b> <b>Poor</b>
<b>Current land use:</b> Deactivated solar facility
<b>Surrounding land use:</b> Open land and Kramer Junction
<b>Visible disturbance:</b> Yes, the site was very disturbed and developed
<b>Threats:</b> N/A
<b>Comments:</b> No special-status species or resources were observed during the survey and no biological constraints to construction were identified.

**Photographs:**

<b>Subject</b> See Attached Photo Compendium Attachment C	<b>Location</b>



- Western Joshua tree (*Yucca brevifolia*)
- Russian thistle (*Salsola tragus*)
- Mediterranean grass (*Schismus arabicus*)
- Saltbush species (*Atriplex* spp.)
- burrowbush (*Ambrosia dumosa*)
- red stemmed filaree (*Erodium cicutarium*)
- small flowered fiddleneck (*Amsinckia menziesii*)
- black mustard (*Brassica nigra*)
- ripgut brome (*Bromus diandrus*)
- creosote bush (*Larrea tridentata*)
- winterfat (*Krascheninnikovia lanata*)
- cheesebush (*Ambrosia salsola*)

- horned lark (*Eremophila alpestris*)
- coyote (*Canis latrans*)
- kangaroo rat (*Dipodomys* sp.)
- white tailed antelope squirrel (*Ammospermophilus leucurus*)
- black-tailed jack rabbit (*Lepus californicus*)
- common raven (*Corvus corax*)
- American kestrel (*Falco sparverius*)
- mourning dove (*Zenaida macroura*)
- northern mockingbird (*Mimus polyglottos*)
- house finch (*Haemorhous mexicanus*)
- loggerhead shrike (*Lanius ludovicianus Linnaeus*)

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**ATTACHMENT C**

Photo Compendium





Photo 1: Panels of Site 5



Photo 2: Southwest corner of Site 4 looking north.





Photo 3: Southeast corner of Site 3 looking north.



Photo 4: Old stick nest in pipe lining, inactive, likely common raven.





Photo 5: Underside view of inactive nest in pipe lining.



Photo 6: Middle vegetated area that separates Sites 3-5 from Sites 6-7.





Photo 7: Northeast corner of Site 6 looking west.



Photo 8: Southeast corner of site 7 looking west.





Photo 9: Habitat outside of fence south of Site 7.



Photo 10: Creosote bush scrub habitat outside of fence west side of Site 6.





Photo 11: Saltbush scrub habitat outside fence north of Site 5.



Photo 12: Saltbush scrub habitat east of Site 4 and west of US-395.



August 5, 2021

Mr. John Heiser, Compliance Project Manager  
California Energy Commission  
1516 Ninth Street, (MS-2000)  
Sacramento, California 95814

Subject: SEGS III-VII Decommissioning (87-AFC-01C) Monthly Compliance Report for July 2021

Dear Mr. Heiser:

On June 24, 2021, California Energy Commission (CEC) staff issued a Full Notice to Proceed to NextEra Energy Resources-Operating Services (NEER), as agent for Luz Solar Partners III-VII Ltd. (Project Owner), for the Decommissioning of the Solar Energy Generating Systems Unit III-VII (SEGS III-VII) facility, as described in the Final Facility Decommissioning Plan approved by the CEC on June 9, 2021.

The Final Facility Decommissioning Plan included a commitment that NEER would *“provide a monthly status report on the 5<sup>th</sup> of each month describing the decommissioning activities engaged in the previous month. This report should provide information sufficient for the CPM to verify that the activities have complied with each of the design measures proposed in this Final Decommissioning Plan and each of the Conditions of Certification applicable to the activities engaged in for the previous month.”*

This letter and its attachments are submitted as the Monthly Compliance Report for the period of July 1 through July 31, 2021.

The following attachments are included as part of this Monthly Compliance Report:

- A. In accordance with Conditions of Certification (COCs) **D-CUL-2** and **D-PAL-2** and with **Section 2.1 of the Biological Resources Mitigation Implementation Plan (BRMIP)**, the Worker Environmental Awareness Program signature sheets are provided as **Attachment A**.
- B. Consistent with **Section 2.1 of the BRMIP**, the current contact list is included as **Attachment B** and kept updated onsite.
- C. As required by **D-CUL-2**, the weekly emails from the Cultural Resources Specialist to the CEC Compliance Project Manager regarding the planned ground disturbing activities used to determine if cultural resources monitoring is required are included as **Attachment C**.
- D. In accordance with **D-AQ-2**, a list of onsite on-road trucks make, model, year is included as **Attachment D**.

- E. Consistent with **D-AQ-3**, a list of portable equipment onsite and documentation of its registration with the California Air Resources Board will be included. At this time, no portable equipment is onsite.
- F. **D-AQ-4** requires a log of the number of minutes visible emissions were observed darker than Ringelmann #1, including date, time, location, and work activity. The log is included as **Attachment E**.
- G. In accordance with **D-AQ-5**, a log of off-road construction equipment onsite and its Tier 4 documentation is included as **Attachment D**.
- H. Consistent with **D-PH-1**, no asbestos testing was required, such that no notification was required.
- I. As required by **D-PH-2**, please accept this letter as documentation that the Project Owner shall comply with County of San Bernardino Development Code control measures for diesel exhaust emissions.
- J. In accordance with **D-WS-2**, a Safety Inspection Report is included as **Attachment F**.
- K. In compliance with the **BRMIP**, Biological Monitoring Logs are provided as **Attachment G**. On July 1, 2021, a common raven carcass was observed and appropriately disposed by the onsite decommissioning crew. On July 7 and 22, 2021, small burrows were detected onsite, but they appeared unused and not associated with desert tortoise, burrowing owl or Mohave ground squirrel. On July 21, dust control water was noted be pooling onsite and was immediately cleaned up.

Please let me know if you have any questions regarding the compliance items attached to this letter, and we look forward to continuing to work with you during the decommissioning compliance process.

Best regards,



Stephen Kalina, Construction Manager

NextEra Energy Resources

Cc: Dexter Liu, NextEra Energy Resources  
Kenneth Stein, NextEra Energy Resources  
Patti Murphy, NextEra Energy Resources  
Greg Dulin, NextEra Energy Resources  
Nicholas Dale, NextEra Energy Resources  
Roger Klein, NextEra Energy Resources  
Jennifer Merrick, Tetra Tech



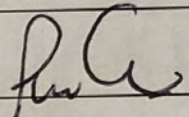
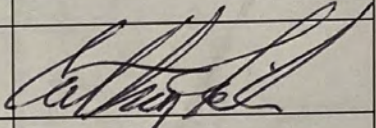
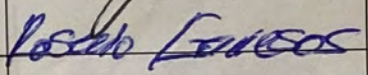
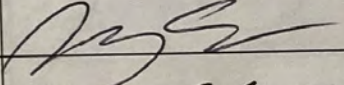
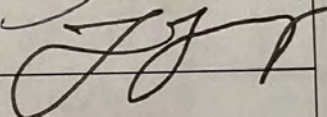


# **Attachment A: Worker Environmental Awareness Sign-In Sheets**

**Worker Environmental Awareness Program  
 Certification of Completion  
 SEGS III-VII Decommissioning Project**

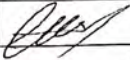


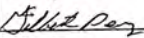
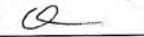
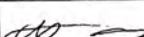
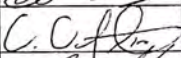
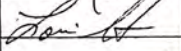
July 6

This form acknowledges the individuals working on site have received the Worker Environmental Awareness Program (WEAP). This WEAP include information on potential biological, cultural, and paleontological resources as well as air quality for all on-site personnel. By signing below, the individual indicates that they understand the information provided to them and will accept the responsibilities laid out in the WEAP. The completed form will be provided in the Monthly Compliance report.

No.	Name	Title/Company	Signature
1.	FRANCISCO Jimenez		
2.	ROBERT ACOSTA	OP Northstar	
3.	<del>Fra</del>		
4.	John A Pinales	Northstar	
5.	Roberto Laveras	North star	
6.	Gregory Espinoza	Northstar	
7.	Janier Lopez-Rosas	Northstar	
8.			
9.			
10.			
11.			
12.			
13.			
14.			

**Worker Environmental Awareness Program  
 Certification of Completion  
 SEGS III-VII Decommissioning Project**

This form acknowledges the individuals working on site have received the Worker Environmental Awareness Program (WEAP). This WEAP include information on potential biological, cultural, and paleontological resources as well as air quality for all on-site personnel. By signing below, the individual indicates that they understand the information provided to them and will accept the responsibilities laid out in the WEAP. The completed form will be provided in the Monthly Compliance report.

No.	Name	Title/Company	Signature
1.	Fausto Zayas	Northstar	
2.	Javier Garcia	North Star	
3.	Angel Garcia	North Star	
4.	Gilbert Perez	North Star	
5.	DAVID KATHERMAN	NORTH STAR	
6.	Alejandro Espinoza	Northstar	
7.	Valentin Valentin	Northstar	
8.	Louis Soto	Northstar	
9.			
10.			
11.			
12.			
13.			
14.			





**Worker Environmental Awareness Program  
Certification of Completion  
SEGS III-VII Decommissioning Project**

This form acknowledges the individuals working on site have received the Worker Environmental Awareness Program (WEAP). This WEAP include information on potential biological, cultural, and paleontological resources as well as air quality for all on-site personnel. By signing below, the individual indicates that they understand the information provided to them and will accept the responsibilities laid out in the WEAP. The completed form will be provided in the Monthly Compliance report.

No.	Name	Title/Company	Signature
1.	John Arostegui	northstar	[Signature]
2.	Joséavelin	North Star	[Signature]
3.	MARCO QUINTANA	Northstar	[Signature]
4.	Alberto Ramirez	NorthStar	A. Ramirez
5.	Cesar Chaparro	Northstar	Cesar Chaparro
6.	José A Ruiz	Northstar	José Ruiz
7.	Gabriel Cardenas	ECOLOGIA	[Signature]
8.	MARCO A NAUA	Northstar	Marco A N
9.	[Signature]	NORTHSTAR	[Signature]
10.	Alex Alexandro	OC VAC	Alex Alexandro
11.	Raymond Huerta	OC VAC	[Signature]
12.	CHARLES RODRIGUEZ	OC VAC	[Signature]
13.	Diego Ramirez	OC VAC	[Signature]
14.	Agustin Santoyo	OC VAC	[Signature]
15	Alberto Rodriguez	OC VAC	[Signature]
	Juan Luis Llamas	OC VAC	[Signature]







## **Attachment B: Contact List**

## SEG's Demo PROJECT DIRECTORY

<b>NEXTERA Energy</b>			
David Farkas	Project Construction Manager	661-557-1428	<a href="mailto:david.farkas@nexteraenergy.com">david.farkas@nexteraenergy.com</a>
Stephen Kalina	Construction Manager	619-823-3892	<a href="mailto:Stephen.Kalina@nexteraenergy.com">Stephen.Kalina@nexteraenergy.com</a>
Roger Klein	Environmental/Civil Superintendent	575-644-7303	<a href="mailto:Roger.Klein@nexteraenergy.com">Roger.Klein@nexteraenergy.com</a>
Glen King	Environmental	661-202-5837	<a href="mailto:Glen.King@nexteraenergy.com">Glen.King@nexteraenergy.com</a>
Jeremy McDaniel	Electrical/Commission Supervisor	760-238-8252	<a href="mailto:Jeremy.Mcdaniel@nexteraenergy.com">Jeremy.Mcdaniel@nexteraenergy.com</a>
Matthew Tramp	Mechanical Superintendent	970-571-2577	<a href="mailto:matthew.tramp@nexteraenergy.com">matthew.tramp@nexteraenergy.com</a>
<b>North Star Construction</b>			
Trenton Manasse	Southern California Branch President	562-233-0774	<a href="mailto:TManasse@northstar.com">TManasse@northstar.com</a>
John Hurley	Site Superintendent	808-285-8248	<a href="mailto:Jhurley@NorthStar.com">Jhurley@NorthStar.com</a>
Ben Marrufo	Safety	714-904-5974	<a href="mailto:BMarrufo@northstar.com">BMarrufo@northstar.com</a>
David Reinhard	Project Manager	714-747-5887	<a href="mailto:Dreinhard@NorthStar.com">Dreinhard@NorthStar.com</a>
<b>Tetra Tech</b>			
Jennifer Merrick	Senior Project Manager	619-721-5555	<a href="mailto:Jennifer.Merrick@tetrattech.com">Jennifer.Merrick@tetrattech.com</a>
Phillip Wasz	Designated Biologist	714.943.1563	<a href="mailto:pwasz@ecorpconsulting.com">pwasz@ecorpconsulting.com</a>
Jenna Farrell	Archaeologist	916.206.8705	<a href="mailto:jenna.farrell@tetrattech.com">jenna.farrell@tetrattech.com</a>
<b>WC3</b>			
Alvin Greenburg	Safety Monitor	415-302-0438	<a href="mailto:sgreenberg@wc-3.com">sgreenberg@wc-3.com</a>
Steve Hermsemeyer	Deputy CBO	925-915-7452	<a href="mailto:steve@wc-3.com">steve@wc-3.com</a>
Chris Kimball	Chief Building Official	801-682-5031	<a href="mailto:chrisk@wc-3.com">chrisk@wc-3.com</a>



# **Attachment C: Cultural Resources Monitoring Coordination**

**From:** [Heiser, John@Energy](mailto:Heiser_John@Energy)  
**To:** [Farrell, Jenna](mailto:Farrell_Jenna)  
**Cc:** [Roark, Gabriel@Energy](mailto:Roark_Gabriel@Energy); [Merrick, Jennifer](mailto:Merrick_Jennifer); [Bradley, Elizabeth](mailto:Bradley_Elizabeth)  
**Subject:** Re: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 6, 20221  
**Date:** Tuesday, July 6, 2021 10:21:36 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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Good morning Jenna, thank you very much for the update regarding SEGS decom activities related to Cultural COC's.

Greatly appreciated.

John

---

**From:** Farrell, Jenna <Jenna.Farrell@tetrattech.com>  
**Sent:** Tuesday, July 6, 2021 9:21 AM  
**To:** Heiser, John@Energy <john.heiser@energy.ca.gov>  
**Cc:** Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>; Merrick, Jennifer <Jennifer.Merrick@tetrattech.com>; Bradley, Elizabeth <Elizabeth.Bradley@tetrattech.com>  
**Subject:** SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 6, 20221

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Hello Mr. Heiser:

Mr. Roger Klein, NextEra Energy Resources Construction Manager, notified the DCRS (myself) that decommissioning of SEGS has started with the removal of existing structures but no earth disturbances are planned for the SEGS III-VII Decommissioning Project during the week of July 6, 2021. Since no earth-disturbing activities will occur with decommissioning this week, a qualified on-site CRM is not required at this time. Mr. Klein did note that there are solar array parts and pieces in the channel dividing the SEGS and this area appears to be undisturbed with native vegetation and soils. He will notify us if any work is planned in this area.

This email serves as verification per Condition D-CUL-1. Please let me know if you require any additional information or have any questions.

Thank you,

Jenna

**Jenna Farrell, MA, RPA** | Designated Cultural Resource Specialist/Archaeologist  
Direct +1 (916) 853-4575 | Mobile +1 (916) 206-8705 | [jenna.farrell@tetrattech.com](mailto:jenna.farrell@tetrattech.com)



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**From:** [Heiser, John@Energy](mailto:Heiser_John@Energy)  
**To:** [Roark, Gabriel@Energy](mailto:Roark_Gabriel@Energy); [Farrell, Jenna](mailto:Farrell_Jenna)  
**Cc:** [Merrick, Jennifer](mailto:Merrick_Jennifer); [Bradley, Elizabeth](mailto:Bradley_Elizabeth); [Knight, Eric@Energy](mailto:Knight_Eric@Energy); [Maurath, Garry@Energy](mailto:Maurath_Garry@Energy)  
**Subject:** Re: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221  
**Date:** Monday, July 12, 2021 1:06:17 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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Got it, thanks!

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---

**From:** Roark, Gabriel@Energy <[gabriel.roark@energy.ca.gov](mailto:gabriel.roark@energy.ca.gov)>  
**Sent:** Monday, July 12, 2021 1:05:32 PM  
**To:** Heiser, John@Energy <[john.heiser@energy.ca.gov](mailto:john.heiser@energy.ca.gov)>; Farrell, Jenna <[Jenna.Farrell@tetrattech.com](mailto:Jenna.Farrell@tetrattech.com)>  
**Cc:** Merrick, Jennifer <[Jennifer.Merrick@tetrattech.com](mailto:Jennifer.Merrick@tetrattech.com)>; Bradley, Elizabeth <[Elizabeth.Bradley@tetrattech.com](mailto:Elizabeth.Bradley@tetrattech.com)>; Knight, Eric@Energy <[Eric.Knight@energy.ca.gov](mailto:Eric.Knight@energy.ca.gov)>; Maurath, Garry@Energy <[Garry.Maurath@energy.ca.gov](mailto:Garry.Maurath@energy.ca.gov)>  
**Subject:** RE: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221

No cultural resources monitoring required for this week.

Gabriel

---

**From:** Heiser, John@Energy <[john.heiser@energy.ca.gov](mailto:john.heiser@energy.ca.gov)>  
**Sent:** Monday, July 12, 2021 1:00 PM  
**To:** Roark, Gabriel@Energy <[gabriel.roark@energy.ca.gov](mailto:gabriel.roark@energy.ca.gov)>; Farrell, Jenna <[Jenna.Farrell@tetrattech.com](mailto:Jenna.Farrell@tetrattech.com)>  
**Cc:** Merrick, Jennifer <[Jennifer.Merrick@tetrattech.com](mailto:Jennifer.Merrick@tetrattech.com)>; Bradley, Elizabeth <[Elizabeth.Bradley@tetrattech.com](mailto:Elizabeth.Bradley@tetrattech.com)>; Knight, Eric@Energy <[Eric.Knight@energy.ca.gov](mailto:Eric.Knight@energy.ca.gov)>; Maurath, Garry@Energy <[Garry.Maurath@energy.ca.gov](mailto:Garry.Maurath@energy.ca.gov)>  
**Subject:** Re: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221

So no on-site CRM needed thru decom activities?

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---

**From:** Roark, Gabriel@Energy <[gabriel.roark@energy.ca.gov](mailto:gabriel.roark@energy.ca.gov)>  
**Sent:** Monday, July 12, 2021 12:55:59 PM  
**To:** Heiser, John@Energy <[john.heiser@energy.ca.gov](mailto:john.heiser@energy.ca.gov)>; Farrell, Jenna <[Jenna.Farrell@tetrattech.com](mailto:Jenna.Farrell@tetrattech.com)>  
**Cc:** Merrick, Jennifer <[Jennifer.Merrick@tetrattech.com](mailto:Jennifer.Merrick@tetrattech.com)>; Bradley, Elizabeth

<[Elizabeth.Bradley@tetrattech.com](mailto:Elizabeth.Bradley@tetrattech.com)>; Knight, Eric@Energy <[Eric.Knight@energy.ca.gov](mailto:Eric.Knight@energy.ca.gov)>; Maurath, Garry@Energy <[Garry.Maurath@energy.ca.gov](mailto:Garry.Maurath@energy.ca.gov)>

**Subject:** RE: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221

Thank you, all. Jenna's rationale seems well justified to me.

Gabriel

**Gabriel Roark, M.A.**

Senior Environmental Planner, Cultural Resources Unit

California Energy Commission

**916-237-2544** (mobile)

[www.energy.ca.gov](http://www.energy.ca.gov)

---

**From:** Heiser, John@Energy <[john.heiser@energy.ca.gov](mailto:john.heiser@energy.ca.gov)>

**Sent:** Monday, July 12, 2021 12:21 PM

**To:** Farrell, Jenna <[Jenna.Farrell@tetrattech.com](mailto:Jenna.Farrell@tetrattech.com)>

**Cc:** Roark, Gabriel@Energy <[gabriel.roark@energy.ca.gov](mailto:gabriel.roark@energy.ca.gov)>; Merrick, Jennifer <[Jennifer.Merrick@tetrattech.com](mailto:Jennifer.Merrick@tetrattech.com)>; Bradley, Elizabeth <[Elizabeth.Bradley@tetrattech.com](mailto:Elizabeth.Bradley@tetrattech.com)>; Knight, Eric@Energy <[Eric.Knight@energy.ca.gov](mailto:Eric.Knight@energy.ca.gov)>; Maurath, Garry@Energy <[Garry.Maurath@energy.ca.gov](mailto:Garry.Maurath@energy.ca.gov)>

**Subject:** Re: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221

Good afternoon Jenna, thank you very much for the updated information regarding the current conditions at SEGS III-VII and per Condition D-CUL-1 are recommending a qualified on-site CRM is not required at this time.

I, will defer that recommendation to the CEC Cultural and Geo/Paelo staff to respond with the requested recommendation.

Cheers!

John

---

**From:** Farrell, Jenna <[Jenna.Farrell@tetrattech.com](mailto:Jenna.Farrell@tetrattech.com)>

**Sent:** Monday, July 12, 2021 12:01 PM

**To:** Heiser, John@Energy <[john.heiser@energy.ca.gov](mailto:john.heiser@energy.ca.gov)>

**Cc:** Roark, Gabriel@Energy <[gabriel.roark@energy.ca.gov](mailto:gabriel.roark@energy.ca.gov)>; Merrick, Jennifer <[Jennifer.Merrick@tetrattech.com](mailto:Jennifer.Merrick@tetrattech.com)>; Bradley, Elizabeth <[Elizabeth.Bradley@tetrattech.com](mailto:Elizabeth.Bradley@tetrattech.com)>

**Subject:** SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 12, 20221

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Hello Mr. Heiser:

**From:** [Roark, Gabriel@Energy](mailto:Roark.Gabriel@Energy)  
**To:** [Farrell, Jenna](mailto:Farrell, Jenna); [Heiser, John@Energy](mailto:Heiser, John@Energy)  
**Cc:** [Merrick, Jennifer](mailto:Merrick, Jennifer); [Bradley, Elizabeth](mailto:Bradley, Elizabeth)  
**Subject:** RE: SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 26, 2021  
**Date:** Wednesday, July 28, 2021 8:17:41 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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Thank you, Jenna.

Gabriel

---

**From:** Farrell, Jenna <Jenna.Farrell@tetrattech.com>  
**Sent:** Wednesday, July 28, 2021 7:37 AM  
**To:** Heiser, John@Energy <john.heiser@energy.ca.gov>  
**Cc:** Roark, Gabriel@Energy <gabriel.roark@energy.ca.gov>; Merrick, Jennifer <Jennifer.Merrick@tetrattech.com>; Bradley, Elizabeth <Elizabeth.Bradley@tetrattech.com>  
**Subject:** SEGS III-VII Condition D-CUL-1: Weekly Ground Disturbance Update July 26, 2021

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Hello Mr. Heiser:

Mr. Roger Klein, NextEra Energy Resources Construction Manager, was on vacation the week of on July 19, 2021. Stephen Kalina, NextEra Energy Construction Manager, notified the CRS this week, that decommissioning of SEGS is continuing with the removal of existing structures for the SEGS III-VII Decommissioning Project during the week of July 19 through 30<sup>th</sup>. Kalina noted that the same activities are occurring as previous weeks within the previously disturbed soils. Therefore, ground disturbing decommissioning activities will be within previously disturbed soils and a qualified on-site CRM is not required at this time.

This email serves as verification per Condition D-CUL-1. Please let me know if you require any additional information or have any questions.

Thank you,

Jenna

**Jenna Farrell, MA, RPA** | Archaeologist  
Direct +1 (916) 853-4575 | Mobile +1 (916) 206-8705 | [jenna.farrell@tetrattech.com](mailto:jenna.farrell@tetrattech.com)



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Mr. Roger Klein, NextEra Energy Resources Construction Manager, notified the DCRS (myself) on July 12, 2021 that decommissioning of SEGS has started with the removal of existing structures for the SEGS III-VII Decommissioning Project during the week of July 12, 2021. Mr. Kline noted that the entire SEGS III-VII site has been previously terraformed. *The north end of the site is approximately 6 to 7 feet below grade with the southern end is 6-7 feet above grade with terracing in between. The channel across SEGS and the other water diversion earthworks around SEGS have been cut 10 -15 feet below the existing grade. Attached: a couple of photos of the water diversion channel through SEGS. In addition, there are buried pipelines for natural gas, water, electrical, and fire suppression running underground all around the site.* Per the CRMP, it is also noted that large areas of the site are currently on several feet of fill, which is evident by above-grade terracing. Therefore, ground disturbing decommissioning activities will be within previously disturbed soils and a qualified on-site CRM is not required at this time.

This email serves as verification per Condition D-CUL-1. Please let me know if you require any additional information or have any questions.

Thank you,

Jenna

**Jenna Farrell, MA, RPA** | Archaeologist

Direct +1 (916) 853-4575 | Mobile +1 (916) 206-8705 | [jenna.farrell@tetrattech.com](mailto:jenna.farrell@tetrattech.com)

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# **Attachment D: Construction Equipment**

**SEGS III-VII Decommissioning Off-Road Equipment**

Manufacturer	Type	Model	Tier 4	Rental No.	Rental Company	Use
Link Belt	Excavator	490X4	Yes	DX9M48	Bejac Corp	off-road
Link Belt	Excavator	490X4	Yes	AD7J66	Bejac Corp	off-road
Link Belt	Excavator	490X4	Yes	BU5F59	Bejac Corp	off-road
Link Belt	Excavator	350X4	Yes	CB3T44	Bejac Corp	off-road
Link Belt	Excavator	350X4	Yes	TU7G94	Bejac Corp	off-road
Link Belt	Excavator	75	Yes	FT8P77	Bejac Corp	off-road
Link Belt	Excavator	490X4	Yes	NN8H47	Bejac Corp	off-road
Link Belt	Excavator	750X4	Yes	CG9Y77	Bejac Corp	off-road
<del>Liobherr</del>	<del>Excavator</del>	<del>924</del>	<del>Yes</del>	<del>JB3D66</del>	<del>Bejac Corp</del>	<del>off-road</del>
<del>Bobcat</del>	<del>Skid-steer</del>	<del>S630</del>	<del>Yes</del>	<del>HP5U63</del>	<del>PDQ</del>	<del>off-road</del>
Bobcat	Skid-steer	S630	Yes	KU3H48	PDQ	off-road
Bobcat	Skid-steer	S630	Yes	NC8M69	PDQ	off-road
Bobcat	Skid-steer	S630	Yes	BE7T87	PDQ	off-road
Bobcat	Skid-steer	S630	Yes	JE5U45	PDQ	off-road
JLG Boom Lift	Man-lift	n/a	Yes	GA45-004	Hawkeye	off-road
JLG Boom Lift	Man-lift	n/a	Yes	GF7G45	Hawkeye	off-road
JLG Boom Lift	Man-lift	n/a	Yes	VF3M45	Hawkeye	off-road
JLG Fork Lift	Fork Lift	G5-18A	Yes	TE3Y44	PDQ	off-road
JLG Telehandler	Fork Lift	10K	Yes	GF3K47	Hawkeye	off-road
Sellick	Fork Lift	S80	Yes	SF83	Ecology Auto (Owner)	off-road
Hyundai	Loader	HL960	Yes	ET4N65	Porter Rents	off-road
Hyundai	Loader	HL760-9A	Yes	TH5P43	Porter Rents	off-road

removed from site  
removed from site

**SEGS III-VII Decommissioning On-Road Equipment**

Freightliner	Water Truck	4000 Gallon	Yes	W402	PDQ	on-road
Freightliner	Water Truck	4000 Gallon	Yes	W404	PDQ	on-road
Freightliner	Water Truck	2000 Gallon	Yes	W033	PDQ	on-road
International	Tractor/Trailer	DuraStar	Yes	VacTruck	OC Vacuum (owner)	on-road
Kenworth	Tractor/Trailer		Yes	1108	Ecology Auto (Owner)	on-road





## **Attachment E: Dust Observation Log**

## Air Quality SEGS III-VII

Date	Time	Temp F	Wind	Visible Dust	Soils	Access Roads	Track Out	Compliant	Corrective Action
70121	500AM	73	7 SW	None	Damp	Ashpalt	None	Yes	None
70121	1200PM	89	12 W	None	Damp	Ashpalt	None	Yes	None
70121	300PM	98	9 W	None	Damp	Ashpalt	None	Yes	None
70221	500AM	70	2 W	None	Crusted	Ashpalt	None	Yes	None
70221	1200PM	97	8 W	None	Damp	Ashpalt	None	Yes	None
70221	130PM	100	7 W	None	Damp	Ashpalt	None	Yes	None
70621	500AM	73	4 SW	None	Crusted	Ashpalt	None	Yes	None
70621	1200PM	100	5 SW	None	Damp	Ashpalt	None	Yes	None
70621	300PM	101	7 SW	None	Damp	Ashpalt	None	Yes	None
70721	500AM	76	8 SW	None	Crusted	Ashpalt	None	Yes	None
70721	1200PM	98	6 W	None	Damp	Ashpalt	None	Yes	None
70721	300PM	103	6 SW	None	Damp	Ashpalt	None	Yes	None
70821	500AM	79	6 SW	None	Crusted	Ashpalt	None	Yes	None
70821	1200PM	100	7 SW	None	Damp	Ashpalt	None	Yes	None
70821	300PM	105	9 SW	None	Damp	Ashpalt	None	Yes	None
70921	500AM	80	8 SW	None	Crusted	Ashpalt	None	Yes	None
70921	1200PM	98	5 W	None	Damp	Ashpalt	None	Yes	None
70921	300PM	106	15 W	None	Damp	Ashpalt	None	Yes	None
71021	500AM	80	5 SW	None	Crusted	Ashpalt	None	Yes	None
71021	1200PM	100	8 SW	None	Damp	Ashpalt	None	Yes	None
71021	300PM	109	6 SW	None	Damp	Ashpalt	None	Yes	None
71221	500AM	81	9 W	None	Crusted	Ashpalt	None	Yes	3rd water truck start
71221	1200PM	103	9 W	None	Damp	Ashpalt	None	Yes	None
71221	300PM	108	10 W	None	Damp	Ashpalt	None	Yes	None
71321	500AM	79	3 SW	None	Crusted	Ashpalt	None	Yes	None
71321	1200PM	97	12 SW	None	Damp	Ashpalt	None	Yes	None
71321	300PM	101	15 SW	None	Damp	Ashpalt	None	Yes	None
71421	500AM	73	5 SW	None	Crusted	Ashpalt	None	Yes	None
71421	1200PM	91	12 SW	None	Damp	Ashpalt	None	Yes	None
71421	300PM	97	15 SW	None	Damp	Ashpalt	None	Yes	None
71521	500AM	74	8 SW	None	Crusted	Ashpalt	None	Yes	None
71521	1200PM	93	14 SW	None	Damp	Ashpalt	None	Yes	None
71521	300PM	100	15 SW	None	Damp	Ashpalt	None	Yes	None
71621	500AM	77	9 SW	None	Crusted	Ashpalt	None	Yes	None
71621	1200PM	98	15 SW	None	Damp	Ashpalt	None	Yes	None
71621	300PM	100	15 SW	None	Damp	Ashpalt	None	Yes	None

## Air Quality SEGS III-VII

Date	Time	Temp F	Wind	Visible Dust	Soils	Access Roads	Track Out	Compliant	Corrective Action
71721	500AM	74	5 SW	None	Crusted	Ashpalt	None	Yes	None
71721	1200PM	95	8 SW	None	Damp	Ashpalt	None	Yes	None
71721	300PM	97	10 SW	None	Damp	Ashpalt	None	Yes	None
71921	500AM	78	8 SW	None	Crusted	Ashpalt	None	Yes	None
71921	1200PM	98	6 SW	None	Damp	Ashpalt	None	Yes	None
71921	300PM	100	12 SW	None	Damp	Ashpalt	None	Yes	None
72021	500AM	70	0 W	None	Crusted	Ashpalt	None	Yes	None
72021	1200PM	97	8 SW	None	Damp	Ashpalt	None	Yes	None
72021	300PM	102	12 SW	None	Damp	Ashpalt	None	Yes	None
72121	500AM	78	2 SW	None	Crusted	Ashpalt	None	Yes	None
72121	1200PM	95	4 SW	None	Damp	Ashpalt	None	Yes	None
72121	300PM	101	7 SW	None	Damp	Ashpalt	None	Yes	None
72221	500AM	78	6 SW	None	Crusted	Ashpalt	None	Yes	None
72221	1200PM	94	2 W	None	Damp	Ashpalt	None	Yes	None
72221	300PM	100	3 W	None	Damp	Ashpalt	None	Yes	None
72321	500AM	76	8 SW	None	Crusted	Ashpalt	None	Yes	None
72321	1200PM	92	8 SW	None	Damp	Ashpalt	None	Yes	None
72321	300PM	98	10 SW	None	Damp	Ashpalt	None	Yes	None
72621	500AM	75	5 S	None	Crusted	Ashpalt	None	Yes	None
72621	1200PM	78	4 N	None	Damp	Ashpalt	None	Yes	None
72621	300PM	81	3 W	None	Damp	Ashpalt	None	Yes	None
72721	500AM	69	2 NW	None	Crusted	Ashpalt	None	Yes	None
72721	1200PM	84	5 E	None	Damp	Ashpalt	None	Yes	None
72721	300PM	91	4 S	None	Damp	Ashpalt	None	Yes	None
72821	500AM	76	6 W	None	Crusted	Ashpalt	None	Yes	None
72821	1200PM	93	4 W	None	Damp	Ashpalt	None	Yes	None
72821	300PM	98	3 W	None	Damp	Ashpalt	None	Yes	None
72921	500AM	78	4 SW	None	Crusted	Ashpalt	None	Yes	None
72921	1200PM	98	6 SW	None	Damp	Ashpalt	None	Yes	None
72921	300PM	104	9 SW	None	Damp	Ashpalt	None	Yes	None
73021	500AM	75	2 SW	None	Crusted	Ashpalt	None	Yes	None
73021	1200PM	97	6 SE	None	Damp	Ashpalt	None	Yes	None
73021	300PM	99	8 E	None	Damp	Ashpalt	None	Yes	None



# **Attachment F: Safety Inspection Report**





August 5, 2021

Mr. John Heiser, Compliance Project Manager  
California Energy Commission  
1516 Ninth Street, (MS-2000)  
Sacramento, California 95814

Subject: SEGS III-VII (87-AFC-01C) July 2021 Safety Inspection Report

Dear Mr. Heiser,

In compliance with **D-WS-2**, this letter is to serve as the Safety Inspection Report for the Solar Energy Generation System Units III-VII (SEGS III-VII) Decommissioning Project (Project) for July 2021. The Full Notice to Proceed was received for the Project on June 24, 2021, this report pertains to the period between July 1 to July 31, 2021.

**D-WS-2** requires that the Construction Safety Supervisor submit the following information in a monthly safety inspection report:

- A record of all employees trained for that month (all records shall be kept on-site for the duration of the Project); **which can be found in Attachment A of the Monthly Compliance Report to which this letter is attached.**
- Summary report of safety management actions and safety-related incidents that occurred during the month—**These included daily safety meetings in the morning by NorthStar, followed by a tailboard meeting with a Job Hazard Analysis (JHA), and Worker Environmental Awareness Program training. A California Energy Commission representative visited once a week and conducted a monthly safety audit.**
- Report of any continuing or unresolved situations and incidents that may pose danger to life or health—**no continuing or unresolved situations or incidents occurred during July 2021.**
- Report of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA—**no visits or complaints occurred.**
- Report of accidents, injuries, and near misses that occurred during the month—**no accidents, injuries or near misses occurred.**

Best Regards,

A handwritten signature in black ink, appearing to read "Roger Klein".

Roger Klein, Construction Safety Supervisor

NextEra Energy Resources



# **Attachment G: Biological Monitoring Log**

**NextEra SEGS III-VII Decommissioning Project  
Biological Monitoring Activity Log**

**Biological Monitor:** Maria Patrick

**Date and Time Onsite:** 07/01/2021  
1100 - 1530

**Items Checked While Onsite:**

- Some new gaps identified (photo IDs taken).
- Perimeter fencing has no gaps Gaps in fencing previously observed have been patched.
  - Avoidance areas marked N/A; NO CURRENT AVOIDANCE AREAS.
  - Open pits and trenches do not have wildlife and have ramps NOT APPLICABLE TO THIS PHASE OF CONSTRUCTION
  - Speed limit signs in place (15 mph unpaved and 25 mph paved)  
15 mph and 25 mph signs observed.
  - Equipment storage and parking are in designated areas YES.
  - All food-related trash items are being disposed of in appropriate closed containers and removed at least once a week from the site YES. GOOD HOUSEKEEPING PRACTICES OBSERVED.
  - Deliberate feeding of wildlife is not occurring NOT OBSERVED.
  - Firearms, except for those carried by certified law enforcement personnel, are not on the Project site NONE OBSERVED.
  - Pets are not on the Project site NONE OBSERVED.
  - Any water applied for dust suppression is applied in a manner to limit pooling or puddling WATER TRUCK OBSERVED BUT NO POOLING OR PUDDLES OBSERVED.

**Instructions:** For each line above, enter an "X" to indicate it has been checked onsite. Add any notes if needed. If the measure does not currently apply enter "NA".

**Additional BMPs Checked While Onsite:**

- **Avoid Vehicle Impacts to Desert Tortoise.** Parking and storage will occur within the area enclosed by fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area will be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed, it will be left to move on its own.
  - **NOTE: No handling of special-status species by anyone is allowed.**
- **Avoid Wildlife Pitfalls.** Pits and trenches will be filled as soon as feasible. While they are open, pits and trenches will be inspected daily by an appropriately-trained, designated on-site person, and a wildlife ramp will be installed to allow wildlife a safe escape at the end of each workday.
- **Minimize Standing Water.** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement will use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract desert tortoises and common ravens to construction sites. An appropriately-trained, designated on-site person will periodically patrol these areas to ensure water does not puddle and will take appropriate action to reduce water application where necessary.
- **Dispose of Road-killed Animals.** During construction, road killed animals or other carcasses detected by personnel on roads associated with the Project Area will be reported immediately to the Designated Biologist or a Biological Monitor, who will remove the road kill promptly for disposal (e.g., removal to a landfill or disposal at the Project site). For special-status species road-kill, the Designated Biologist or Biological Monitor will contact CDFW and USFWS for guidance on disposal or storage of the carcass and report the special-status species record as described in Section 3.5 of the BRMIP.



- **Minimize Spills of Hazardous Materials.** All vehicles and equipment will be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist will be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills will be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment will take place only at a designated area. Service/maintenance vehicles will carry a bucket and pads to absorb leaks or spills.
- **Worker Guidelines.** During construction all trash and food related waste will be placed in self-closing containers and removed at least weekly from the site. Workers will not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site will bring firearms or weapons. Vehicular traffic will be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas will be prohibited.

**Notes on Compliance with BMPs:** All demolition work in SEGS III Power Block. Some vehicles staged in SEGS II area for traffic control. Water truck for dust suppression observed.

**Instructions:** The biological monitor will check that each of the BMPs is being followed. Notes on any issues will be recorded.

**Additional Notes (list common wildlife species observed, etc.):**

Mourning dove, common raven, house finch. Two carcasses of common ravens appeared to be several months old found in SEGS IV power block.

**Notes on Photos Taken Onsite:** Photos capture: Fence gaps observed, and those mended gaps, SEGS IV Power Block bird activity, SEGS III power block demo activity and common Raven's nest observed via bucket truck by contractor confirmed to be abandoned.

**Photos Taken of the Worker Environmental Awareness Program Log (Need to Take Each Time Onsite):** YES.

**Onsite Staff Have WEAP Sticker on Hardhats (Yes/No)** stickers have not arrived yet.

**Notes on Decommissioning Activity Occurring Onsite:**

All demo work taking place is in SEGS III. Power block area and adjacent mirrors being demolished.

**Incident & Wildlife Observation Report Form:** Will be completed for any deviation from approved environmental protection measures.

**Was an Incident or Special-Status Species Observed that Required Completion of the Incident & Wildlife Observation Report Form (Yes/No)?**

**Instructions:** If the answer is yes, notify the Designated Biologist immediately.



DIRECTION  
348 deg(T)

35.02424°N  
117.55359°W

ACCURACY 19 m  
DATUM WGS84



SEGSV: Small  
patched hole in  
fence

2021-07-01  
12:08:39-07:00

DIRECTION  
155 deg(T)

35.02220°N  
117.55120°W

ACCURACY 16 m  
DATUM WGS84



SEGSV: Holes in fence  
covered with soil st...

2021-07-01  
12:14:11-07:00



DIRECTION  
167 deg(T)

35.02097°N  
117.55116°W

ACCURACY 5 m  
DATUM WGS84



SEGSV: Holes in fence  
covered with soil st...

2021-07-01  
12:15:17-07:00

DIRECTION  
167 deg(T)

35.02169°N  
117.55114°W

ACCURACY 5 m  
DATUM WGS84



SEGSV: Holes in fence  
covered with soil st...

2021-07-01  
12:14:46-07:00



DIRECTION  
162 deg(T)

35.02070°N  
117.55117°W

ACCURACY 5 m  
DATUM WGS84



SEGSV: Holes in fence  
covered with soil st...

2021-07-01  
12:15:32-07:00



DIRECTION  
27 deg(T)

35.02030°N  
117.56170°W

ACCURACY 8 m  
DATUM WGS84

SEGSVI: Holes in  
fence

2021-07-01  
12:29:45-07:00



DIRECTION  
40 deg(T)

35.02043°N  
117.56174°W

ACCURACY 32 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:30:29-07:00

DIRECTION  
48 deg(T)

35.02093°N  
117.56175°W

ACCURACY 6 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:30:59-07:00



DIRECTION  
18 deg(T)

35.02278°N  
117.56172°W

ACCURACY 4 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:32:32-07:00

DIRECTION  
44 deg(T)

35.02326°N  
117.56176°W

ACCURACY 11 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:33:50-07:00



DIRECTION  
45 deg(T)

35.02432°N  
117.56178°W

ACCURACY 7 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:35:28-07:00

DIRECTION  
69 deg(T)

35.02464°N  
117.56176°W

ACCURACY 17 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:38:15-07:00



DIRECTION  
273 deg(T)

35.02553°N  
117.57033°W

ACCURACY 7 m  
DATUM WGS84



SEGSVI: Holes in  
fence patched

2021-07-01  
12:43:55-07:00

DIRECTION  
200 deg(T)

35.02046°N  
117.57039°W

ACCURACY 5 m  
DATUM WGS84



SEGSVI: Holes in  
fence

2021-07-01  
12:53:13-07:00



DIRECTION  
270 deg(T)

35.01822°N  
117.56601°W

ACCURACY 27 m  
DATUM WGS84



SEGSVI: 15 MPH signs  
observed

2021-07-01  
12:58:57-07:00

DIRECTION  
297 deg(T)

35.01793°N  
117.57008°W

ACCURACY 6 m  
DATUM WGS84



WOPE: holes in fence

2021-07-01  
13:03:09-07:00



DIRECTION  
300 deg(T)

35.01226°N  
117.57024°W

ACCURACY 5 m  
DATUM WGS84



SEGSVII: holes in  
fence

2021-07-01  
13:10:00-07:00

DIRECTION  
44 deg(T)

35.01641°N  
117.55323°W

ACCURACY 7 m  
DATUM WGS84



25 MPH signs observed

2021-07-01  
13:29:55-07:00

DIRECTION  
171 deg(T)

35.01250°N  
117.55028°W

ACCURACY 5 m  
DATUM WGS84



Dust suppression

2021-07-01  
13:33:04-07:00



DIRECTION  
221 deg(T)

35.01211°N  
117.55572°W

ACCURACY 17 m  
DATUM WGS84



SEGSIV: Common Ravens  
observed

2021-07-01  
13:45:52-07:00



DIRECTION  
206 deg(T)

35.01209°N  
117.55568°W

ACCURACY 9 m  
DATUM WGS84



SEGSIV: Common Ravens  
observed

2021-07-01  
13:46:02-07:00





DIRECTION  
212 deg(T)

35.01215°N  
117.55568°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV: Bird carcass  
observed

2021-07-01  
13:58:52-07:00



DIRECTION  
239 deg(T)

35.01205°N  
117.55570°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV: Bird carcass  
observed

2021-07-01  
13:59:13-07:00

DIRECTION  
8 deg(T)

35.01207°N  
117.55580°W

ACCURACY 10 m  
DATUM WGS84



SEGSIV: Bird feces

2021-07-01  
14:01:02-07:00



DIRECTION  
232 deg(T)

35.01211°N  
117.55568°W

ACCURACY 8 m  
DATUM WGS84

SEGSIV: Bird feces  
below potential nest

2021-07-01  
14:02:46-07:00



DIRECTION  
222 deg(T)

35.01214°N  
117.55575°W

ACCURACY 14 m  
DATUM WGS84



SEGSIV: potential  
nest observed

2021-07-01  
14:03:43-07:00



DIRECTION  
232 deg(T)

35.00961°N  
117.55573°W

ACCURACY 6 m  
DATUM WGS84



SEGSIII: demo area

2021-07-01  
14:21:42-07:00

DIRECTION  
176 deg(T)

35.00814°N  
117.55598°W

ACCURACY 43 m  
DATUM WGS84



SEGSIII: demo area

2021-07-01  
14:23:49-07:00

DIRECTION  
263 deg(T)

35.00631°N  
117.55542°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII: common  
raven nest

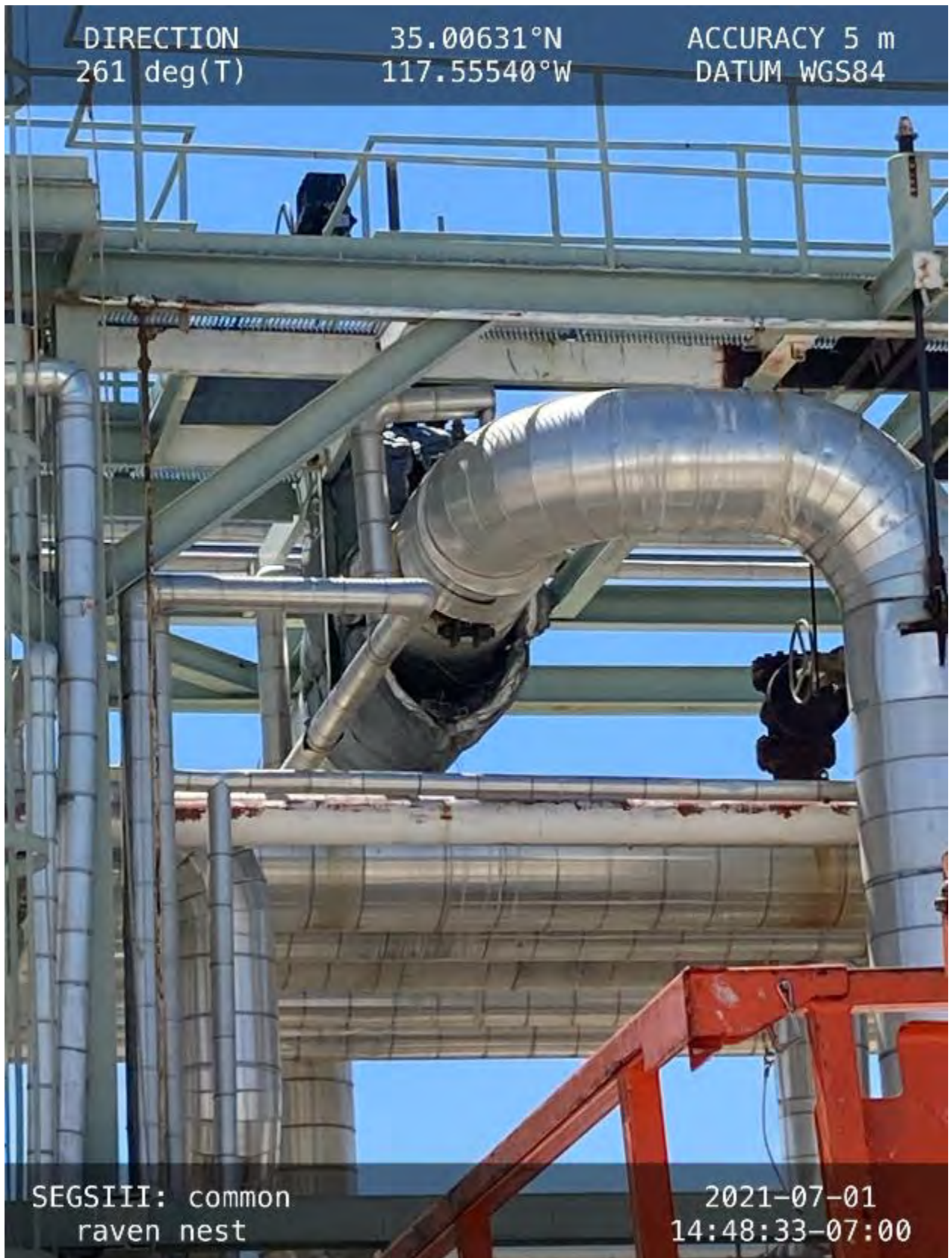
2021-07-01  
14:48:21-07:00



DIRECTION  
261 deg(T)

35.00631°N  
117.55540°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII: common  
raven nest

2021-07-01  
14:48:33-07:00



DIRECTION  
295 deg(T)

35.00631°N  
117.55542°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII: common  
raven nest

2021-07-01  
15:19:28-07:00

DIRECTION  
291 deg(T)

35.00636°N  
117.55543°W

ACCURACY 13 m  
DATUM WGS84



SEGSIII: common raven  
nest

2021-07-01  
15:19:53-07:00



NextEra SEGS III-VII Decommissioning Project  
Biological Monitoring Activity Log

Biological Monitor: Maria Patrick

Date and Time Onsite: 07/07/21  
1100 - 1530

Items Checked While Onsite:

- Perimeter fencing has no gaps NO changes since last week.
- Avoidance areas marked N/A
- Open pits and trenches do not have wildlife and have ramps N/A
- Speed limit signs in place (15 mph unpaved and 25 mph paved)  
yes.
- Equipment storage and parking are in designated areas yes.
- All food-related trash items are being disposed of in appropriate closed containers and removed at least once a week from the site yes.
- Deliberate feeding of wildlife is not occurring NOT observed.
- Firearms, except for those carried by certified law enforcement personnel, are not on the Project site None observed.
- Pets are not on the Project site None observed.
- Any water applied for dust suppression is applied in a manner to limit pooling or puddling yes.

**Instructions:** For each line above, enter an "X" to indicate it has been checked onsite. Add any notes if needed. If the measure does not currently apply enter "NA".

Additional BMPs Checked While Onsite:

- **Avoid Vehicle Impacts to Desert Tortoise.** Parking and storage will occur within the area enclosed by fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area will be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed, it will be left to move on its own.
  - **NOTE: No handling of special-status species by anyone is allowed.**
- **Avoid Wildlife Pitfalls.** Pits and trenches will be filled as soon as feasible. While they are open, pits and trenches will be inspected daily by an appropriately-trained, designated on-site person, and a wildlife ramp will be installed to allow wildlife a safe escape at the end of each workday.
- **Minimize Standing Water.** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement will use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract desert tortoises and common ravens to construction sites. An appropriately-trained, designated on-site person will periodically patrol these areas to ensure water does not puddle and will take appropriate action to reduce water application where necessary.
- **Dispose of Road-killed Animals.** During construction, road killed animals or other carcasses detected by personnel on roads associated with the Project Area will be reported immediately to the Designated Biologist or a Biological Monitor, who will remove the road kill promptly for disposal (e.g., removal to a landfill or disposal at the Project site). For special-status species road-kill, the Designated Biologist or Biological Monitor will contact CDFW and USFWS for guidance on disposal or storage of the carcass and report the special-status species record as described in Section 3.5 of the BRMIP.



- **Minimize Spills of Hazardous Materials.** All vehicles and equipment will be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist will be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills will be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment will take place only at a designated area. Service/maintenance vehicles will carry a bucket and pads to absorb leaks or spills.
- **Worker Guidelines.** During construction all trash and food related waste will be placed in self-closing containers and removed at least weekly from the site. Workers will not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site will bring firearms or weapons. Vehicular traffic will be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas will be prohibited.

**Notes on Compliance with BMPs:** Standing water noted in basin at SEG SIII. Reported it to env. manager - it will be removed ASAP. Gaps in fence need to be covered - NO changes from last week.

**Instructions:** The biological monitor will check that each of the BMPs is being followed. Notes on any issues will be recorded.

**Additional Notes (list common wildlife species observed, etc.):**

Mourning dove, common raven, house finch.

**Notes on Photos Taken Onsite:** APPROX. 100 house finches observed at SEG SIV Power Block pipes. Will continue to monitor area potential nesting occurring. Crews should avoid area. NO <sup>immediate</sup> work is scheduled in SEG SIV power block, except demolishing cooling tower next week.

**Photos Taken of the Worker Environmental Awareness Program Log (Need to Take Each Time Onsite):** yes - No changes noted.

**Onsite Staff Have WEAP Sticker on Hardhats (Yes/No):** Have not arrived yet.

**Notes on Decommissioning Activity Occurring Onsite:** Demolition work occurring at SEG SIII Power Block and adjacent solar field. Some vehicle staging and low impact HTF draining occurring at SEG SIV Power Block.

**Incident & Wildlife Observation Report Form:** Will be completed for any deviation from approved environmental protection measures.

**Was an Incident or Special-Status Species Observed that Required Completion of the Incident & Wildlife Observation Report Form (Yes/No)?**  No

**Instructions:** If the answer is yes, notify the Designated Biologist immediately. N/A



DIRECTION  
336 deg(T)

35.00722°N  
117.55540°W

ACCURACY 19 m  
DATUM WGS84



DIRECTION  
0 deg(T)

35.00746°N  
117.55543°W

ACCURACY 14 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:45:40-07:00

DIRECTION  
14 deg(T)

35.00624°N  
117.55598°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:49:12-07:00



DIRECTION  
342 deg(T)

35.01500°N  
117.56073°W

ACCURACY 13 m  
DATUM WGS84



SEGSIV: potential  
burrows observed

2021-07-07  
12:29:50-07:00

DIRECTION  
268 deg(T)

35.01499°N  
117.56077°W

ACCURACY 6 m  
DATUM WGS84



SEGSIV: potential  
burrows observed

2021-07-07  
12:30:00-07:00

DIRECTION  
306 deg(T)

35.01504°N  
117.56077°W

ACCURACY 6 m  
DATUM WGS84



SEGSIV: potential  
burrows observed

2021-07-07  
12:30:09-07:00



DIRECTION  
66 deg(T)

35.01213°N  
117.55583°W

ACCURACY 14 m  
DATUM WGS84



SEGSIV Power Block:

House finches  
observed throughout

2021-07-07  
12:48:05-07:00







DIRECTION  
153 deg(T)

35.01235°N  
117.55567°W

ACCURACY 5 m  
DATUM WGS84

SEGSIV Power Block

2021-07-07  
13:09:59-07:00





DIRECTION  
286 deg(T)

35.01185°N  
117.55545°W

ACCURACY 13 m  
DATUM WGS84

SEGSIV Power Block:

Common ravens  
perched

2021-07-07  
13:18:40-07:00

DIRECTION  
210 deg(T)

35.01201°N  
117.55572°W

ACCURACY 15 m  
DATUM WGS84



SEGSIV Power Block:

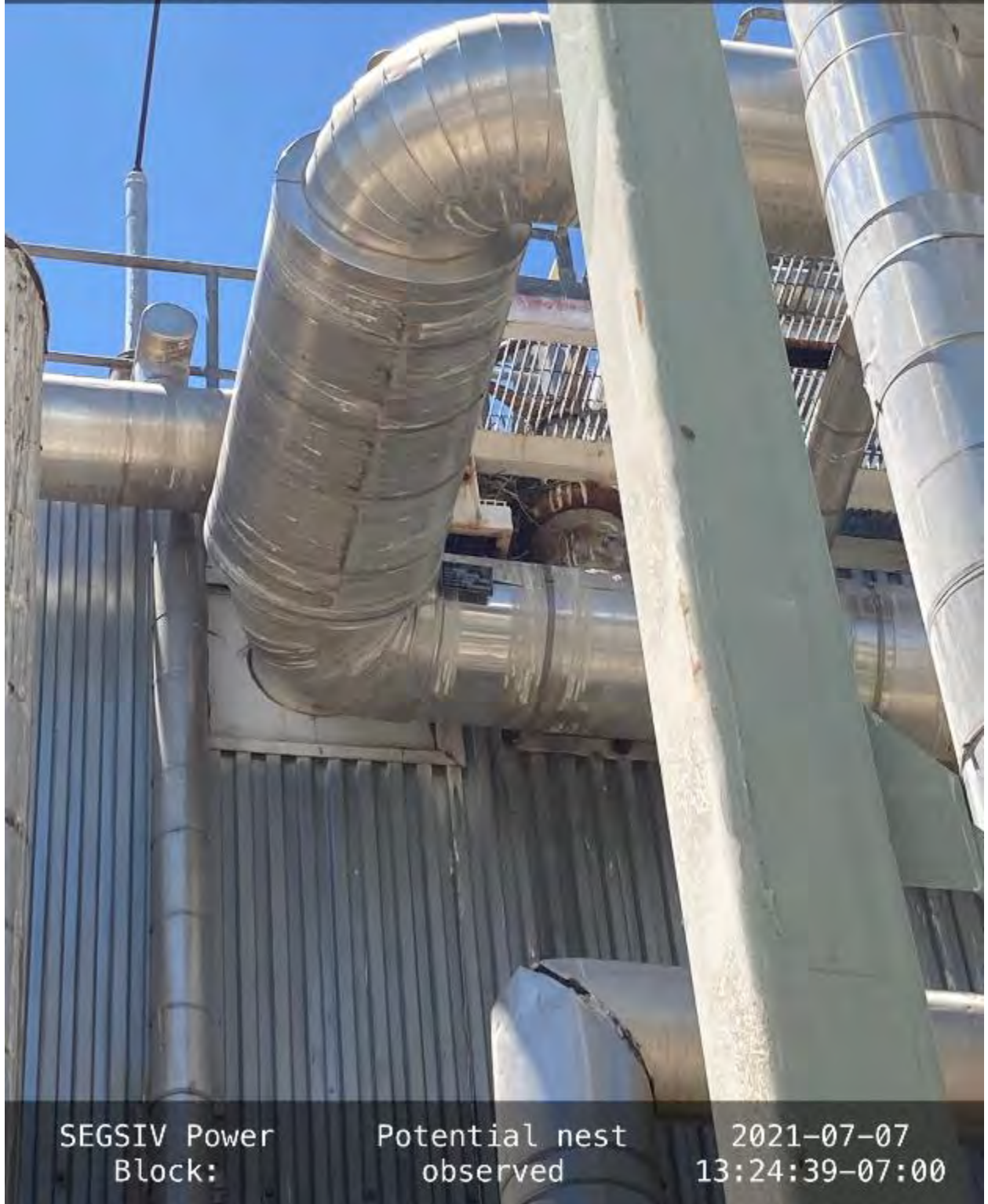
Common ravens  
perched

2021-07-07  
13:21:38-07:00

DIRECTION  
286 deg(T)

35.01203°N  
117.55568°W

ACCURACY 18 m  
DATUM WGS84



SEGSIV Power  
Block:

Potential nest  
observed

2021-07-07  
13:24:39-07:00



DIRECTION  
260 deg(T)

35.01233°N  
117.55551°W

ACCURACY 6 m  
DATUM WGS84



SEGSIV Power Block:

Significant house  
finch activity

2021-07-07  
13:28:41-07:00

DIRECTION  
315 deg(T)

35.01260°N  
117.55542°W

ACCURACY 8 m  
DATUM WGS84



SEGSIV Power Block:

HTF draining taking  
place

2021-07-07  
13:29:55-07:00

DIRECTION  
164 deg(T)

35.02055°N  
117.55534°W

ACCURACY 11 m  
DATUM WGS84



SEGSV Power Block:

Potential raven nest

2021-07-07  
14:28:26-07:00



DIRECTION  
155 deg(T)

35.02037°N  
117.55532°W

ACCURACY 5 m  
DATUM WGS84



SEGSV Power Block:

Potential raven nest

2021-07-07  
14:28:59-07:00

DIRECTION  
317 deg(T)

35.01118°N  
117.55564°W

ACCURACY 10 m  
DATUM WGS84



SEGSIV power block

2021-07-07  
15:32:53-07:00

DIRECTION  
86 deg(T)

35.00887°N  
117.55608°W

ACCURACY 26 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:30:58-07:00



DIRECTION  
92 deg(T)

35.00816°N  
117.55604°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:31:24-07:00

DIRECTION  
167 deg(T)

35.00718°N  
117.55604°W

ACCURACY 17 m  
DATUM WGS84



DIRECTION  
113 deg(T)

35.00678°N  
117.55600°W

ACCURACY 16 m  
DATUM WGS84





DIRECTION  
82 deg(T)

35.00617°N  
117.55588°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:35:50-07:00

DIRECTION  
355 deg(T)

35.00621°N  
117.55592°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:35:53-07:00

DIRECTION  
44 deg(T)

35.00627°N  
117.55543°W

ACCURACY 10 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:36:46-07:00



DIRECTION  
280 deg(T)

35.00639°N  
117.55545°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:37:07-07:00

DIRECTION  
339 deg(T)

35.00643°N  
117.55549°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:37:24-07:00



DIRECTION  
260 deg(T)

35.00647°N  
117.55542°W

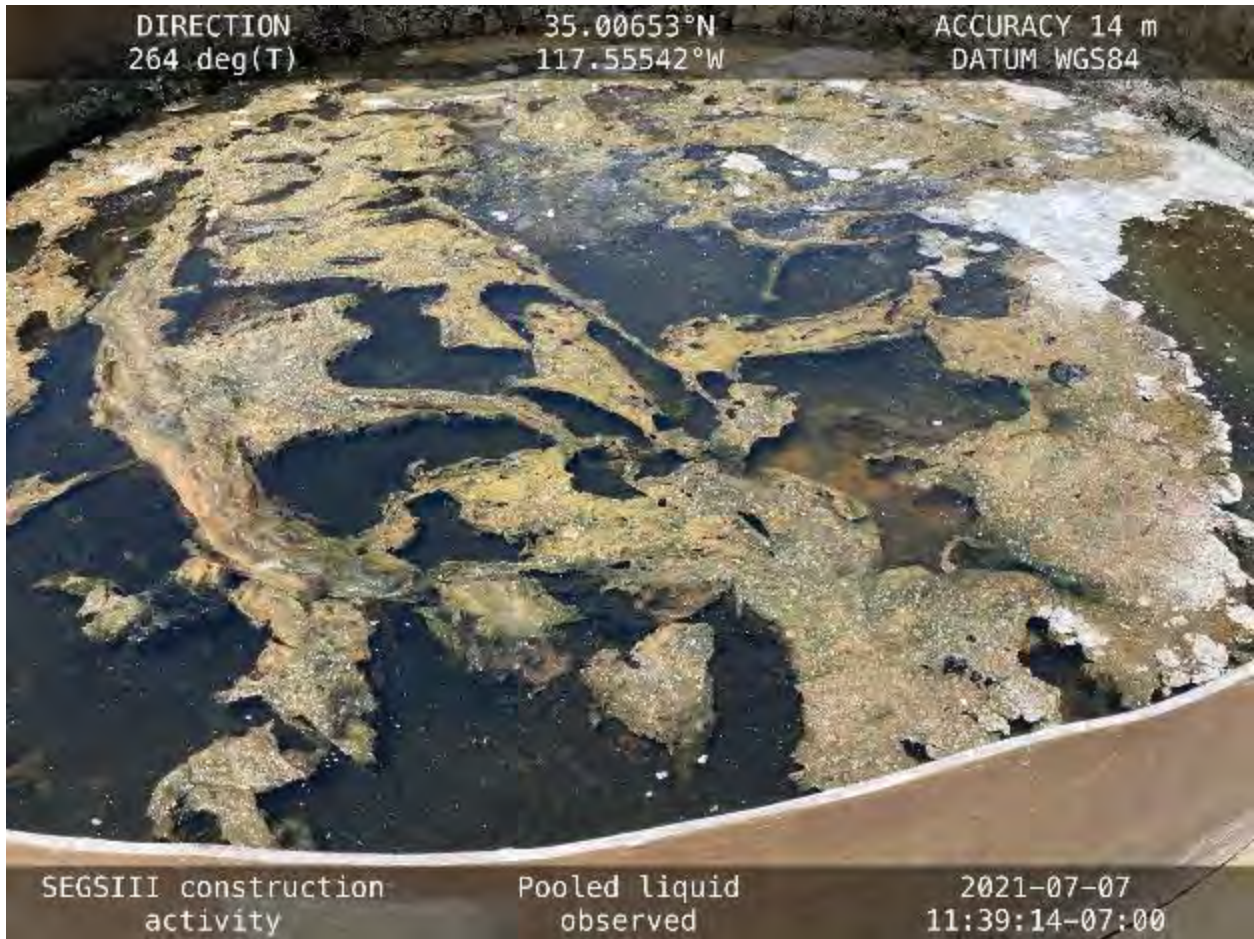
ACCURACY 17 m  
DATUM WGS84

SEGSIII construction  
activity

Pooled liquid  
observed

2021-07-07  
11:39:02-07:00





DIRECTION  
264 deg(T)

35.00653°N  
117.55542°W

ACCURACY 14 m  
DATUM WGS84

SEGSIII construction  
activity

Pooled liquid  
observed

2021-07-07  
11:39:14-07:00

DIRECTION  
345 deg(T)

35.00663°N  
117.55542°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII construction  
activity

2021-07-07  
11:40:02-07:00



NextEra SEGS III-VII Decommissioning Project  
Biological Monitoring Activity Log

Biological Monitor:

Maria Patrick

Date and Time Onsite:

7/15/2021  
1100 - 1500

Items Checked While Onsite:

- Perimeter fencing has no gaps Many gaps filled; others discovered & noted.
- Avoidance areas marked N/A
- Open pits and trenches do not have wildlife and have ramps N/A
- Speed limit signs in place (15 mph unpaved and 25 mph paved)  
Yes.
- Equipment storage and parking are in designated areas Yes.
- All food-related trash items are being disposed of in appropriate closed containers and removed at least once a week from the site Yes.
- Deliberate feeding of wildlife is not occurring None observed.
- Firearms, except for those carried by certified law enforcement personnel, are not on the Project site None observed.
- Pets are not on the Project site None observed.
- Any water applied for dust suppression is applied in a manner to limit pooling or puddling Puddling observed due to running hose. Crews addressed immediately.

**Instructions:** For each line above, enter an "X" to indicate it has been checked onsite. Add any notes if needed. If the measure does not currently apply enter "NA".

Additional BMPs Checked While Onsite:

- **Avoid Vehicle Impacts to Desert Tortoise.** Parking and storage will occur within the area enclosed by fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area will be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed, it will be left to move on its own.
  - **NOTE: No handling of special-status species by anyone is allowed.**
- **Avoid Wildlife Pitfalls.** Pits and trenches will be filled as soon as feasible. While they are open, pits and trenches will be inspected daily by an appropriately-trained, designated on-site person, and a wildlife ramp will be installed to allow wildlife a safe escape at the end of each workday.
- **Minimize Standing Water.** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement will use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract desert tortoises and common ravens to construction sites. An appropriately-trained, designated on-site person will periodically patrol these areas to ensure water does not puddle and will take appropriate action to reduce water application where necessary.
- **Dispose of Road-killed Animals.** During construction, road killed animals or other carcasses detected by personnel on roads associated with the Project Area will be reported immediately to the Designated Biologist or a Biological Monitor, who will remove the road kill promptly for disposal (e.g., removal to a landfill or disposal at the Project site). For special-status species road-kill, the Designated Biologist or Biological Monitor will contact CDFW and USFWS for guidance on disposal or storage of the carcass and report the special-status species record as described in Section 3.5 of the BRMIP.



- **Minimize Spills of Hazardous Materials.** All vehicles and equipment will be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist will be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills will be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment will take place only at a designated area. Service/maintenance vehicles will carry a bucket and pads to absorb leaks or spills.
- **Worker Guidelines.** During construction all trash and food related waste will be placed in self-closing containers and removed at least weekly from the site. Workers will not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site will bring firearms or weapons. Vehicular traffic will be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas will be prohibited.

**Notes on Compliance with BMPs:** Basin with standing water noted last week has been resolved - fluid was drained. Many fence gaps have been repaired. More fence gaps noted. Contractor will be on-site soon for permanent fence repairs.

**Instructions:** The biological monitor will check that each of the BMPs is being followed. Notes on any issues will be recorded.

**Additional Notes (list common wildlife species observed, etc.):**

antelope ground squirrel, house finch, common raven, Eurasian collared dove.

**Notes on Photos Taken Onsite:** House finch activity observed at SEGS IV power block. Landscaping sprinklers in admin parking lot (~0.5mi away) were causing water to pool. No concern due to high evaporation rate and not decom.-related.

**Photos Taken of the Worker Environmental Awareness Program Log (Need to Take Each Time Onsite):** Yes.

**Onsite Staff Have WEAP Sticker on Hardhats (Yes/No):** NOT on-site yet.

**Notes on Decommissioning Activity Occurring Onsite:** Demolition taking place in SEGS III solar field and SEGS III power block. SEGS IV cooling towers removal postponed to future date. HTF draining taking place near SEGS IV power block.

**Incident & Wildlife Observation Report Form:** Will be completed for any deviation from approved environmental protection measures.

**Was an Incident or Special-Status Species Observed that Required Completion of the Incident & Wildlife Observation Report Form (Yes/No)?** (No)

**Instructions:** If the answer is yes, notify the Designated Biologist immediately.



DIRECTION  
42 deg(T)

35.00761°N  
117.55571°W

ACCURACY 38 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:37:03-07:00



DIRECTION  
179 deg(T)

35.01233°N  
117.55574°W

ACCURACY 12 m  
- DATUM WGS84

SEGSIV Power Block

2021-07-15  
11:48:56-07:00



DIRECTION  
338 deg(T)

35.01094°N  
117.55565°W

ACCURACY 9 m  
DATUM WGS84



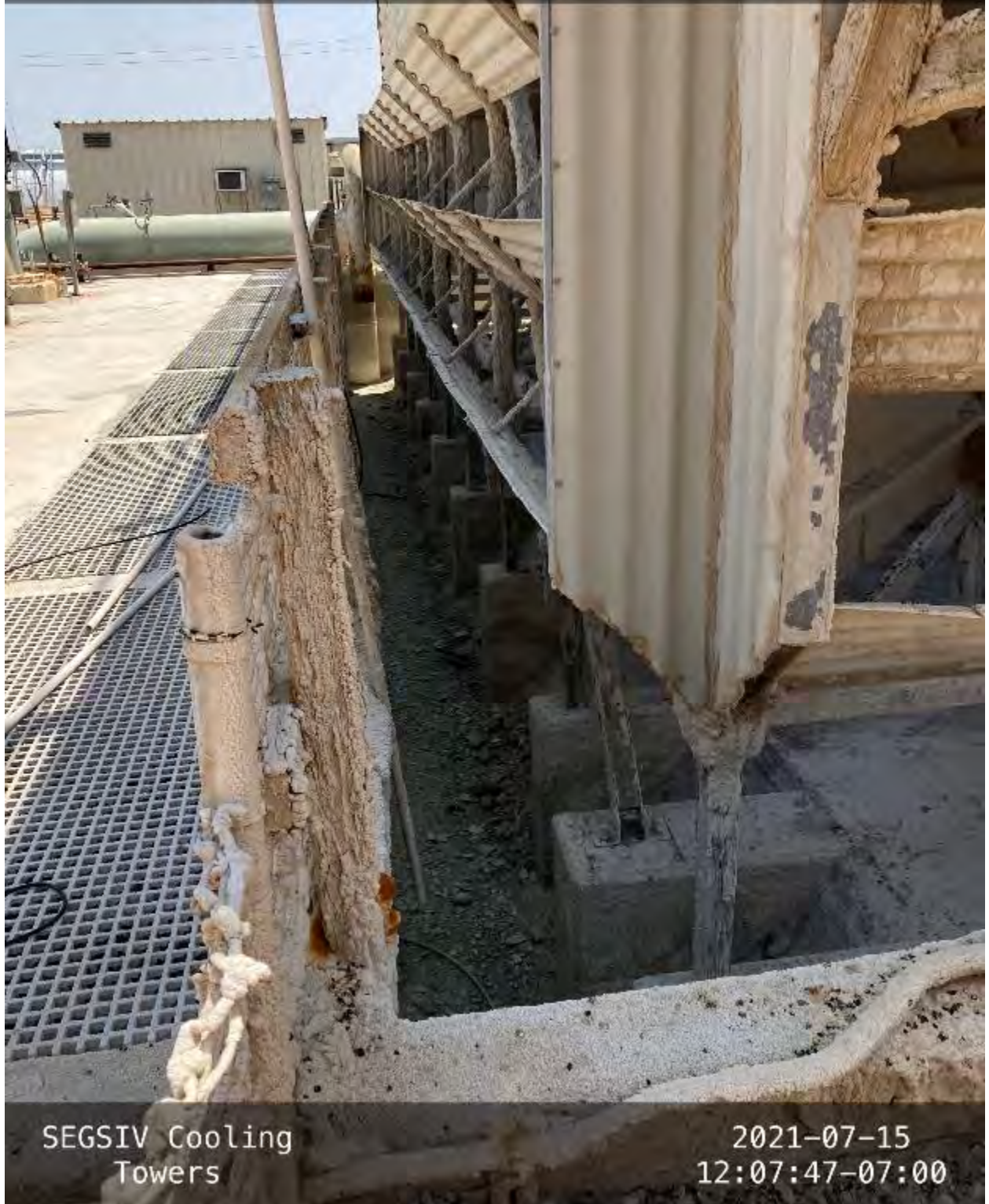
SEGSIV Cooling Towers

2021-07-15  
12:06:00-07:00

DIRECTION  
102 deg(T)

35.01146°N  
117.55600°W

ACCURACY 17 m  
DATUM WGS84



SEGSIV Cooling  
Towers

2021-07-15  
12:07:47-07:00



DIRECTION  
213 deg(T)

35.01150°N  
117.55581°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV Cooling Towers

2021-07-15  
12:08:45-07:00



DIRECTION  
13 deg(T)

35.01154°N  
117.55572°W

ACCURACY 10 m  
DATUM WGS84



SEGSIV Power Block

2021-07-15  
12:10:35-07:00

DIRECTION  
257 deg(T)

35.01300°N  
117.55543°W

ACCURACY 4 m  
DATUM WGS84



SEGSIV Power Block

2021-07-15  
12:21:26-07:00

DIRECTION  
266 deg(T)

35.01293°N  
117.55544°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV Power Block

2021-07-15  
12:21:40-07:00



DIRECTION  
87 deg(T)

35.01270°N  
117.55588°W

ACCURACY 12 m  
DATUM WGS84



SEGSIV Power Block

2021-07-15  
12:23:18-07:00

DIRECTION  
240 deg(T)

35.01297°N  
117.55546°W

ACCURACY 7 m  
DATUM WGS84



SEGSIV Power Block

2021-07-15  
12:24:46-07:00

DIRECTION  
311 deg(T)

35.00965°N  
117.55631°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII/IV water  
tower

2021-07-15  
12:35:28-07:00



DIRECTION  
345 deg(T)

35.01001°N  
117.56081°W

ACCURACY 9 m  
DATUM WGS84



SEGSIV perimeter

2021-07-15  
12:43:06-07:00

DIRECTION  
146 deg(T)

35.02441°N  
117.56172°W

ACCURACY 7 m  
DATUM WGS84



SEGSVI fence gap  
filled

2021-07-15  
13:23:51-07:00

DIRECTION  
278 deg(T)

35.01791°N  
117.57019°W

ACCURACY 6 m  
DATUM WGS84



SEGSVI/VII fence gap

2021-07-15  
13:42:48-07:00



DIRECTION  
348 deg(T)

35.01137°N  
117.57022°W

ACCURACY 4 m  
DATUM WGS84



SEGSVII fence gap

2021-07-15  
13:52:51-07:00

DIRECTION  
213 deg(T)

35.01137°N  
117.57020°W

ACCURACY 4 m  
DATUM WGS84



SEGSVII fence gap

2021-07-15  
13:52:58-07:00

DIRECTION  
233 deg(T)

35.00943°N  
117.56073°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII fence gap

2021-07-15  
14:15:13-07:00



DIRECTION  
191 deg(T)

35.00285°N  
117.56048°W

ACCURACY 12 m  
DATUM WGS84



SEGSIII fence gap

2021-07-15  
14:21:25-07:00

DIRECTION  
219 deg(T)

35.00959°N  
117.55535°W

ACCURACY 4 m  
DATUM WGS84



SEGSI solar field

2021-07-15  
14:49:20-07:00

DIRECTION  
200 deg(T)

35.00959°N  
117.55527°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII solar field

2021-07-15  
14:49:24-07:00





DIRECTION  
284 deg(T)

35.01285°N  
117.54881°W

ACCURACY 6 m  
DATUM WGS84

SEGSIIII solar field

2021-07-15  
14:53:09-07:00

DIRECTION  
225 deg(T)

35.01284°N  
117.54880°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII solar field

2021-07-15  
14:53:15-07:00





DIRECTION  
267 deg(T)

35.01283°N  
117.54892°W

ACCURACY 6 m  
DATUM WGS84

LEADER IN SOLAR ENERGY

SEGSIII solar field

2021-07-15  
14:53:30-07:00



DIRECTION  
220 deg(T)

35.00962°N  
117.55244°W

ACCURACY 12 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-15  
11:17:27-07:00

DIRECTION  
248 deg(T)

35.00961°N  
117.55247°W

ACCURACY 10 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-15  
11:17:29-07:00

DIRECTION  
218 deg(T)

35.00964°N  
117.55476°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-15  
11:18:52-07:00



DIRECTION  
134 deg(T)

35.00824°N  
117.55605°W

ACCURACY 13 m  
DATUM WGS84



SEGSI III Power Block

2021-07-15  
11:20:07-07:00

DIRECTION  
151 deg(T)

35.00820°N  
117.55602°W

ACCURACY 9 m  
DATUM WGS84



SEGSI III Power Block

2021-07-15  
11:20:08-07:00

DIRECTION  
149 deg(T)

35.00707°N  
117.55601°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:20:50-07:00



DIRECTION  
163 deg(T)

35.00684°N  
117.55602°W

ACCURACY 5 m  
DATUM WGS84



SEGSI III Power Block

2021-07-15  
11:21:10-07:00

DIRECTION  
128 deg(T)

35.00684°N  
117.55604°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:21:12-07:00

DIRECTION  
95 deg(T)

35.00684°N  
117.55604°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:21:13-07:00



DIRECTION  
77 deg(T)

35.00673°N  
117.55593°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:21:32-07:00

DIRECTION  
52 deg(T)

35.00689°N  
117.55591°W

ACCURACY 11 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:25:02-07:00

DIRECTION  
24 deg(T)

35.00690°N  
117.55596°W

ACCURACY 12 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:25:07-07:00



DIRECTION  
29 deg(T)

35.00677°N  
117.55589°W

ACCURACY 18 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:26:59-07:00

DIRECTION  
172 deg(T)

35.00669°N  
117.55587°W

ACCURACY 10 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:29:52-07:00

DIRECTION  
125 deg(T)

35.00670°N  
117.55564°W

ACCURACY 4 m  
DATUM WGS84



SEGSI III Power Block

2021-07-15  
11:30:20-07:00



DIRECTION  
215 deg(T)

35.00672°N  
117.55563°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:30:23-07:00

DIRECTION  
232 deg(T)

35.00671°N  
117.55539°W

ACCURACY 5 m  
DATUM WGS84



SEGSI III Power Block

2021-07-15  
11:30:50-07:00

DIRECTION  
269 deg(T)

35.00648°N  
117.55542°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:31:28-07:00



DIRECTION  
347 deg(T)

35.00621°N  
117.55571°W

ACCURACY 13 m  
DATUM WGS84



SEGSIII Power Block

2021-07-15  
11:32:56-07:00



NextEra SEGS III-VII Decommissioning Project  
Biological Monitoring Activity Log

Biological Monitor:

Maria Patrick

Date and Time Onsite:

7/21/21  
1055 - 1455

Items Checked While Onsite:

- Perimeter fencing has no gaps Fence gaps identified last week - no change.
- Avoidance areas marked N/A
- Open pits and trenches do not have wildlife and have ramps N/A
- Speed limit signs in place (15 mph unpaved and 25 mph paved)  
yes.
- Equipment storage and parking are in designated areas yes.
- All food-related trash items are being disposed of in appropriate closed containers and removed at least once a week from the site yes.
- Deliberate feeding of wildlife is not occurring None observed.
- Firearms, except for those carried by certified law enforcement personnel, are not on the Project site None observed.
- Pets are not on the Project site None observed.
- Any water applied for dust suppression is applied in a manner to limit pooling or puddling yes.

**Instructions:** For each line above, enter an "X" to indicate it has been checked onsite. Add any notes if needed. If the measure does not currently apply enter "NA".

Additional BMPs Checked While Onsite:

- **Avoid Vehicle Impacts to Desert Tortoise.** Parking and storage will occur within the area enclosed by fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area will be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed, it will be left to move on its own.
  - **NOTE: No handling of special-status species by anyone is allowed.**
- **Avoid Wildlife Pitfalls.** Pits and trenches will be filled as soon as feasible. While they are open, pits and trenches will be inspected daily by an appropriately-trained, designated on-site person, and a wildlife ramp will be installed to allow wildlife a safe escape at the end of each workday.
- **Minimize Standing Water.** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement will use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract desert tortoises and common ravens to construction sites. An appropriately-trained, designated on-site person will periodically patrol these areas to ensure water does not puddle and will take appropriate action to reduce water application where necessary.
- **Dispose of Road-killed Animals.** During construction, road killed animals or other carcasses detected by personnel on roads associated with the Project Area will be reported immediately to the Designated Biologist or a Biological Monitor, who will remove the road kill promptly for disposal (e.g., removal to a landfill or disposal at the Project site). For special-status species road-kill, the Designated Biologist or Biological Monitor will contact CDFW and USFWS for guidance on disposal or storage of the carcass and report the special-status species record as described in Section 3.5 of the BRMIP.



- **Minimize Spills of Hazardous Materials.** All vehicles and equipment will be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist will be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills will be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment will take place only at a designated area. Service/maintenance vehicles will carry a bucket and pads to absorb leaks or spills.
- **Worker Guidelines.** During construction all trash and food related waste will be placed in self-closing containers and removed at least weekly from the site. Workers will not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site will bring firearms or weapons. Vehicular traffic will be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas will be prohibited.

**Notes on Compliance with BMPs:** Additional WEAP sign-in sheet has been added - located in north star trailer. Contractor to fill gaps in fence in coming weeks.

**Instructions:** The biological monitor will check that each of the BMPs is being followed. Notes on any issues will be recorded.

**Additional Notes (list common wildlife species observed, etc.):**

House finch, eurasian collared dove, common raven.

**Notes on Photos Taken Onsite:** Two inactive common raven nests observed in SEGSV POWER BLOCK. HTF draining taking place at SEGSV BLOCK. Inactive burrows along SEGSIV perimeter were monitored. No decom. in this area yet. Significant house finch activity in SEGSIV still observed.

**Photos Taken of the Worker Environmental Awareness Program Log (Need to Take Each Time Onsite):** YES.

**Onsite Staff Have WEAP Sticker on Hardhats (Yes/No):** Not yet arrived.

**Notes on Decommissioning Activity Occurring Onsite:**

SEGSIII Solar Field and Power Block. Demolition occurring at SEGSIV observed. HTF draining at SEGSV.

**Incident & Wildlife Observation Report Form:** Will be completed for any deviation from approved environmental protection measures.

**Was an Incident or Special-Status Species Observed that Required Completion of the Incident & Wildlife Observation Report Form (Yes/No)?**

**Instructions:** If the answer is yes, notify the Designated Biologist immediately.



DIRECTION  
334 deg(T)

35.00699°N  
117.55556°W

ACCURACY 10 m  
DATUM WGS84



SEGSI III Power Block

2021-07-21  
11:24:53-07:00

DIRECTION  
272 deg(T)

35.00699°N  
117.55552°W

ACCURACY 6 m  
DATUM WGS84



SEGSIII Power Block

2021-07-21  
11:24:55-07:00



DIRECTION  
152 deg(T)

35.01236°N  
117.55584°W

ACCURACY 15 m  
DATUM WGS84



SEGSIV Power Block

2021-07-21  
12:01:24-07:00



DIRECTION  
180 deg(T)

35.01234°N  
117.55580°W

ACCURACY 18 m  
DATUM WGS84



SEGSIV Power Block

2021-07-21  
12:01:46-07:00

DIRECTION  
128 deg(T)

35.01179°N  
117.55558°W

ACCURACY 12 m  
DATUM WGS84



SEGSIV Cooling Towers

2021-07-21  
12:32:47-07:00

DIRECTION  
124 deg(T)

35.02067°N  
117.55547°W

ACCURACY 12 m  
DATUM WGS84



SEGSV Power Block

2021-07-21  
12:43:18-07:00



DIRECTION  
211 deg(T)

35.00806°N  
117.55445°W

ACCURACY 13.6 km  
DATUM WGS84



SEGSV Power Block

2021-07-21  
13:12:21-07:00

DIRECTION  
169 deg(T)

35.00806°N  
117.55445°W

ACCURACY 13.6 km  
DATUM WGS84



SEGSV Power Block

2021-07-21  
13:12:23-07:00

DIRECTION  
183 deg(T)

35.00806°N  
117.55445°W

ACCURACY 13.6 km  
DATUM WGS84



SEGSV Power Block

2021-07-21  
13:13:15-07:00



DIRECTION  
261 deg(T)

35.01933°N  
117.55556°W

ACCURACY 12 m  
DATUM WGS84



SEGSV Power  
Block

2021-07-21  
13:22:44-07:00



DIRECTION  
299 deg(T)

35.01927°N  
117.55560°W

ACCURACY 5 m  
DATUM WGS84



SEGSV Power  
Block

2021-07-21  
13:23:09-07:00

DIRECTION  
347 deg(T)

35.01940°N  
117.55570°W

ACCURACY 15 m  
DATUM WGS84



SEGSV Power Block

2021-07-21  
13:25:54-07:00



DIRECTION  
172 deg(T)

35.01943°N  
117.55563°W

ACCURACY 5 m  
DATUM WGS84



SEGSV Power  
Block

2021-07-21  
13:26:36-07:00

DIRECTION  
116 deg(T)

35.02140°N  
117.56624°W

ACCURACY 20 m  
DATUM WGS84



SEGSVI Power Block

2021-07-21  
13:45:03-07:00



DIRECTION  
319 deg(T)

35.01437°N  
117.56567°W

ACCURACY 12 m  
DATUM WGS84



SEGSVII Power Block

2021-07-21  
13:51:50-07:00



DIRECTION  
231 deg(T)

35.01513°N  
117.56074°W

ACCURACY 4 m  
DATUM WGS84



SEGSIV potential  
borrows monitored

2021-07-21  
14:21:58-07:00

DIRECTION  
152 deg(T)

35.00961°N  
117.55109°W

ACCURACY 6 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-21  
11:09:54-07:00

DIRECTION  
191 deg(T)

35.00959°N  
117.55111°W

ACCURACY 15 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-21  
11:09:56-07:00



DIRECTION  
247 deg(T)

35.00960°N  
117.55429°W

ACCURACY 13 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-21  
11:11:09-07:00

DIRECTION  
205 deg(T)

35.00958°N  
117.55429°W

ACCURACY 7 m  
DATUM WGS84



SEGSIII Solar Field  
Demo

2021-07-21  
11:11:12-07:00

DIRECTION  
29 deg(T)

35.00621°N  
117.55598°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII Power Block

2021-07-21  
11:16:50-07:00



DIRECTION  
251 deg(T)

35.00626°N  
117.55540°W

ACCURACY 9 m  
DATUM WGS84



SEGSIII Power Block

2021-07-21  
11:18:11-07:00

DIRECTION  
336 deg(T)

35.00622°N  
117.55549°W

ACCURACY 5 m  
DATUM WGS84



SEGSIIII Power Block

2021-07-21  
11:18:29-07:00



DIRECTION  
30 deg(T)

35.00624°N  
117.55540°W

ACCURACY 4 m  
DATUM WGS84



SEGSI III Power Block

2021-07-21  
11:18:40-07:00



DIRECTION  
52 deg(T)

35.00659°N  
117.55534°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-21  
11:19:27-07:00

DIRECTION  
329 deg(T)

35.00662°N  
117.55536°W

ACCURACY 5 m  
DATUM WGS84



SEGSI III Power Block

2021-07-21  
11:19:42-07:00

DIRECTION  
314 deg(T)

35.00673°N  
117.55539°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Power Block

2021-07-21  
11:20:20-07:00



NextEra SEGS III-VII Decommissioning Project  
Biological Monitoring Activity Log

Biological Monitor: Maria Patrick

Date and Time Onsite: 7/29/21  
1100 - 1500

Items Checked While Onsite:

- Perimeter fencing has no gaps some gaps patched; others still identified.
- Avoidance areas marked None at time of monitoring.
- Open pits and trenches do not have wildlife and have ramps N/A
- Speed limit signs in place (15 mph unpaved and 25 mph paved)  
yes
- Equipment storage and parking are in designated areas yes.
- All food-related trash items are being disposed of in appropriate closed containers and removed at least once a week from the site yes.
- Deliberate feeding of wildlife is not occurring None observed.
- Firearms, except for those carried by certified law enforcement personnel, are not on the Project site None observed.
- Pets are not on the Project site None observed.
- Any water applied for dust suppression is applied in a manner to limit pooling or puddling yes.

**Instructions:** For each line above, enter an "X" to indicate it has been checked onsite. Add any notes if needed. If the measure does not currently apply enter "NA".

Additional BMPs Checked While Onsite:

- **Avoid Vehicle Impacts to Desert Tortoise.** Parking and storage will occur within the area enclosed by fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area will be moved prior to an inspection of the ground beneath the vehicle for the presence of desert tortoise. If a desert tortoise is observed, it will be left to move on its own.
  - **NOTE: No handling of special-status species by anyone is allowed.**
- **Avoid Wildlife Pitfalls.** Pits and trenches will be filled as soon as feasible. While they are open, pits and trenches will be inspected daily by an appropriately-trained, designated on-site person, and a wildlife ramp will be installed to allow wildlife a safe escape at the end of each workday.
- **Minimize Standing Water.** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement will use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract desert tortoises and common ravens to construction sites. An appropriately-trained, designated on-site person will periodically patrol these areas to ensure water does not puddle and will take appropriate action to reduce water application where necessary.
- **Dispose of Road-killed Animals.** During construction, road killed animals or other carcasses detected by personnel on roads associated with the Project Area will be reported immediately to the Designated Biologist or a Biological Monitor, who will remove the road kill promptly for disposal (e.g., removal to a landfill or disposal at the Project site). For special-status species road-kill, the Designated Biologist or Biological Monitor will contact CDFW and USFWS for guidance on disposal or storage of the carcass and report the special-status species record as described in Section 3.5 of the BRMIP.



- **Minimize Spills of Hazardous Materials.** All vehicles and equipment will be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist will be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills will be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment will take place only at a designated area. Service/maintenance vehicles will carry a bucket and pads to absorb leaks or spills.
- **Worker Guidelines.** During construction all trash and food related waste will be placed in self-closing containers and removed at least weekly from the site. Workers will not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site will bring firearms or weapons. Vehicular traffic will be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas will be prohibited.

**Notes on Compliance with BMPs:** Buffer zone will be implemented beginning next week. SEGS IV Power Block shall have 50' buffer zone due to demo schedule update.

**Instructions:** The biological monitor will check that each of the BMPs is being followed. Notes on any issues will be recorded.

**Additional Notes (list common wildlife species observed, etc.):**

House finch, Eurasian collared dove, common raven, mourning dove.

**Notes on Photos Taken Onsite:** House finch activity at SEGS IV Power Block is significant. Will implement 50' buffer. No nests observed, but are suspected.

**Photos Taken of the Worker Environmental Awareness Program Log (Need to Take Each Time Onsite):**

**Onsite Staff Have WEAP Sticker on Hardhats (Yes/No):**

**Notes on Decommissioning Activity Occurring Onsite:** Demolition occurring at SEGS III Power Block & Solar Field. HTF draining taking place at

**Incident & Wildlife Observation Report Form:** Will be completed for any deviation from approved environmental protection measures.

**Was an Incident or Special-Status Species Observed that Required Completion of the Incident & Wildlife Observation Report Form (Yes/No)?**

**Instructions:** If the answer is yes, notify the Designated Biologist immediately.



DIRECTION  
251 deg(T)

35.01938°N  
117.55555°W

ACCURACY 16 m  
DATUM WGS84



SEGSV Power  
Block

2021-07-29  
13:13:33-07:00



DIRECTION  
252 deg(T)

35.01943°N  
117.55558°W

ACCURACY 19 m  
DATUM WGS84



SEGSV Power  
Block

2021-07-29  
13:13:37-07:00

DIRECTION  
64 deg(T)

35.01934°N  
117.55565°W

ACCURACY 10 m  
DATUM WGS84



SEGSV Power Block

2021-07-29  
13:14:58-07:00

DIRECTION  
173 deg(T)

35.02068°N  
117.55538°W

ACCURACY 13 m  
DATUM WGS84



SEGSV Power Block

2021-07-29  
13:26:47-07:00



DIRECTION  
121 deg(T)

35.02132°N  
117.56594°W

ACCURACY 11 m  
DATUM WGS84



SEGSVI Power Block

2021-07-29  
13:38:56-07:00

DIRECTION  
205 deg(T)

35.01512°N  
117.56594°W

ACCURACY 4 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:50:32-07:00

DIRECTION  
345 deg(T)

35.01518°N  
117.56590°W

ACCURACY 4 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:50:42-07:00



DIRECTION  
269 deg(T)

35.01462°N  
117.56568°W

ACCURACY 29 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:52:39-07:00

DIRECTION  
265 deg(T)

35.01415°N  
117.56573°W

ACCURACY 12 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:53:43-07:00

DIRECTION  
346 deg(T)

35.01419°N  
117.56611°W

ACCURACY 30 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:55:09-07:00



DIRECTION  
2 deg(T)

35.01416°N  
117.56633°W

ACCURACY 8 m  
DATUM WGS84



SEGSVII Power Block

2021-07-29  
13:55:28-07:00

DIRECTION  
196 deg(T)

35.00959°N  
117.55105°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:28:09-07:00

DIRECTION  
219 deg(T)

35.00961°N  
117.55105°W

ACCURACY 7 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:28:12-07:00



DIRECTION  
266 deg(T)

35.00929°N  
117.55604°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:29:36-07:00

DIRECTION  
31 deg(T)

35.00756°N  
117.55585°W

ACCURACY 7 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:31:40-07:00

DIRECTION  
27 deg(T)

35.00759°N  
117.55568°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:31:54-07:00



DIRECTION  
198 deg(T)

35.00750°N  
117.55554°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:32:14-07:00

DIRECTION  
153 deg(T)

35.00750°N  
117.55554°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:32:16-07:00

DIRECTION  
92 deg(T)

35.00750°N  
117.55554°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:32:18-07:00



DIRECTION  
316 deg(T)

35.00684°N  
117.55529°W

ACCURACY 114 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:33:27-07:00

DIRECTION  
263 deg(T)

35.00689°N  
117.55530°W

ACCURACY 13 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:33:29-07:00

DIRECTION  
311 deg(T)

35.00674°N  
117.55551°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:34:16-07:00



DIRECTION  
45 deg(T)

35.00675°N  
117.55575°W

ACCURACY 4 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:34:43-07:00

DIRECTION  
251 deg(T)

35.00683°N  
117.55602°W

ACCURACY 5 m  
DATUM WGS84



SEGSIII Demo

2021-07-29  
11:35:09-07:00

DIRECTION  
213 deg(T)

35.01161°N  
117.55574°W

ACCURACY 3 m  
DATUM WGS84



SEGSIV Cooling Towers

2021-07-29  
11:44:24-07:00



DIRECTION  
24 deg(T)

35.01157°N  
117.55594°W

ACCURACY 14 m  
DATUM WGS84



SEGSIV Power Block

2021-07-29  
11:47:32-07:00

DIRECTION  
253 deg(T)

35.01213°N  
117.55568°W

ACCURACY 10 m  
DATUM WGS84



SEGSIV Power  
Block

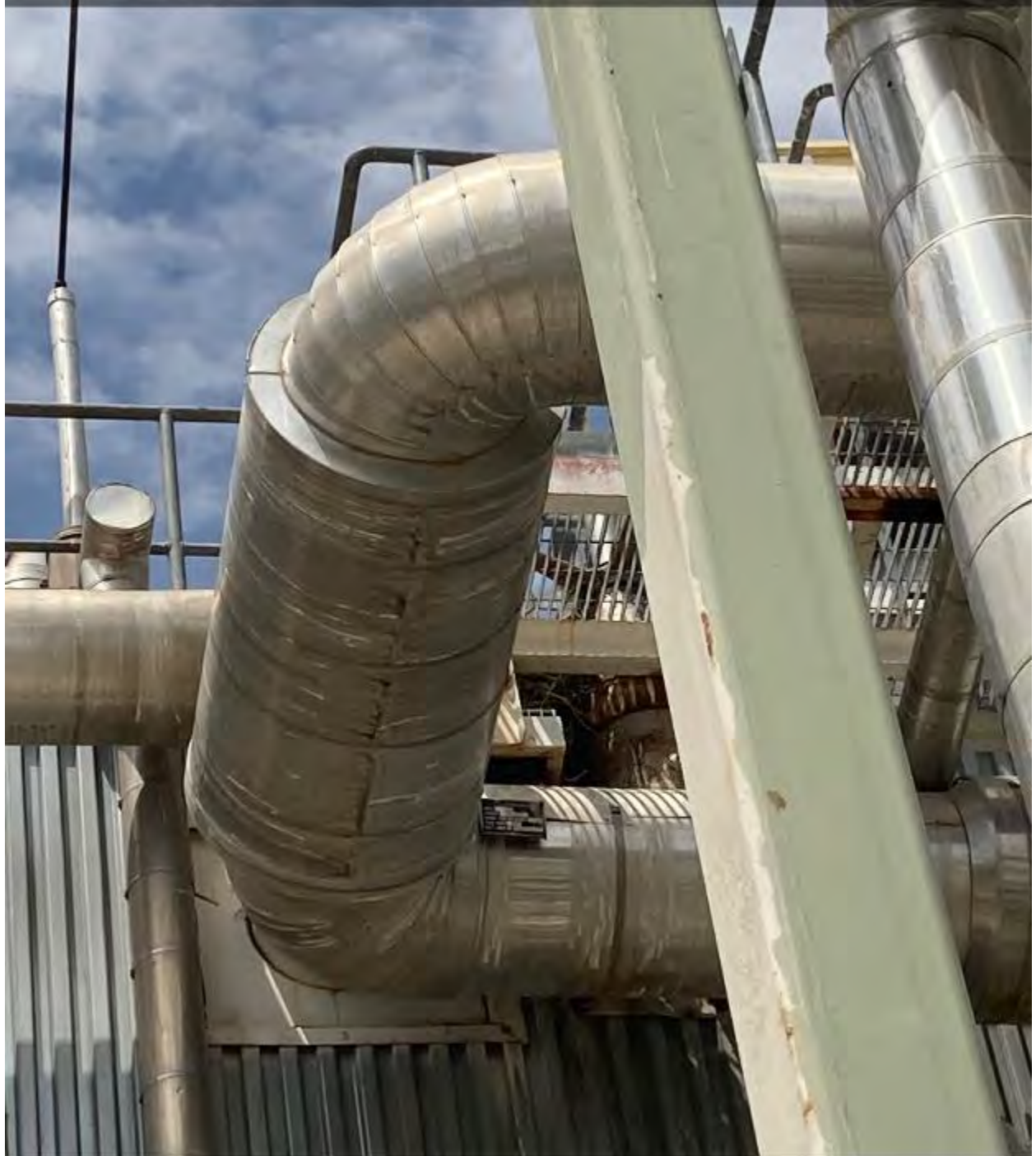
2021-07-29  
11:52:15-07:00



DIRECTION  
254 deg(T)

35.01210°N  
117.55566°W

ACCURACY 12 m  
DATUM WGS84



SEGSIV Power  
Block

2021-07-29  
11:52:21-07:00



DIRECTION  
161 deg(T)

35.01234°N  
117.55564°W

ACCURACY 9 m  
DATUM WGS84



SEGSIV Power  
Block

2021-07-29  
11:57:40-07:00





DIRECTION  
155 deg(T)

35.01235°N  
117.55570°W

ACCURACY 9 m  
DATUM WGS84

SEGSIV Power Block

2021-07-29  
11:57:52-07:00

DIRECTION  
106 deg(T)

35.01219°N  
117.55592°W

ACCURACY 13 m  
DATUM WGS84



SEGSIV Power Block

2021-07-29  
11:58:47-07:00





DIRECTION  
320 deg(T)

35.01216°N  
117.55575°W

ACCURACY 11 m  
DATUM WGS84



SEGSIV Power Block

2021-07-29  
12:12:30-07:00

DIRECTION  
14 deg(T)

35.01215°N  
117.55577°W

ACCURACY 3 m  
DATUM WGS84



SEGSIV Power Block

2021-07-29  
12:12:59-07:00



DIRECTION  
233 deg(T)

35.01597°N  
117.56078°W

ACCURACY 6 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:34:14-07:00

DIRECTION  
237 deg(T)

35.01599°N  
117.56080°W

ACCURACY 7 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:34:22-07:00



DIRECTION  
269 deg(T)

35.01590°N  
117.56081°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:34:37-07:00



DIRECTION  
262 deg(T)

35.01594°N  
117.56080°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:34:43-07:00



DIRECTION  
202 deg(T)

35.01589°N  
117.56078°W

ACCURACY 5 m  
DATUM WGS84



SEGSIV Solar  
Field

2021-07-29  
12:34:56-07:00



DIRECTION  
248 deg(T)

35.01511°N  
117.56078°W

ACCURACY 6 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:39:19-07:00



DIRECTION  
263 deg(T)

35.01500°N  
117.56075°W

ACCURACY 10 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:41:55-07:00

DIRECTION  
273 deg(T)

35.01500°N  
117.56075°W

ACCURACY 8 m  
DATUM WGS84



SEGSIV Solar Field

2021-07-29  
12:41:58-07:00

DIRECTION  
67 deg(T)

35.00621°N  
117.56078°W

ACCURACY 8 m  
DATUM WGS84



SEGSIII Solar Field

2021-07-29  
12:59:02-07:00