

Westlake US 2 Daily Report

Date Reported: 12/21/2024

Pressure Data:

Time	BW #7B Tubing Pressure (PSI)	BW #7B Casing Pressure (PSI)	BW #7B Downhole Pressure @ 2,650' (PSI)	#7B Brine Injection Flow (GPM)	BW #6X Casing Pressure (PSI)	BW #2 Tubing Pressure (PSI)	BW #2 Casing Pressure (PSI)	BW #4 Tubing Pressure (PSI)	BW #4 Casing Pressure (PSI)
12/20/24 5:00 AM	113.555	409.387	1416.154	550.216	634.277	288.955	294.505	289.591	348.087
12/20/24 6:00 AM	113.590	409.590	1416.249	550.053	634.258	288.966	294.525	289.624	348.115
12/20/24 7:00 AM	113.595	409.712	1416.373	549.549	634.251	288.993	294.561	289.697	348.226
12/20/24 8:00 AM	113.594	409.965	1416.463	548.771	634.224	289.031	294.453	290.023	348.382
12/20/24 9:00 AM	113.729	410.461	1416.565	548.671	634.252	289.135	294.488	290.049	348.441
12/20/24 10:00 AM	113.568	410.908	1416.598	547.253	634.316	289.247	294.535	289.997	348.718
12/20/24 11:00 AM	113.583	411.245	1416.577	547.043	634.400	289.301	294.745	289.730	348.712
12/20/24 12:00 PM	113.753	411.538	1416.574	546.713	634.449	289.358	294.892	289.508	348.695
12/20/24 1:00 PM	113.793	411.742	1416.582	546.987	634.525	289.414	295.035	289.242	348.711
12/20/24 2:00 PM	113.713	411.991	1416.590	547.375	634.585	289.455	295.115	289.151	348.773
12/20/24 3:00 PM	113.488	412.180	1416.585	546.552	634.625	289.512	295.223	289.357	348.807
12/20/24 4:00 PM	113.362	412.094	1416.574	546.278	634.615	289.526	295.170	289.914	349.016
12/20/24 5:00 PM	113.224	411.896	1416.553	546.231	634.603	289.498	295.042	290.003	348.891
12/20/24 6:00 PM	113.070	411.790	1416.528	545.765	634.524	289.478	294.989	289.990	348.892
12/20/24 7:00 PM	113.109	411.800	1416.523	546.302	634.434	289.488	294.994	290.000	348.914
12/20/24 8:00 PM	113.165	411.746	1416.556	546.824	634.370	289.524	295.051	290.053	348.954
12/20/24 9:00 PM	113.078	411.752	1416.574	546.285	634.335	289.546	295.053	290.083	349.010
12/20/24 10:00 PM	113.159	411.814	1416.576	546.931	634.315	289.576	295.090	290.129	349.018
12/20/24 11:00 PM	113.175	411.814	1416.605	547.311	634.275	289.569	295.124	290.163	349.054
12/21/24 12:00 AM	113.222	411.899	1416.636	547.358	634.243	289.594	295.166	290.205	349.089
12/21/24 1:00 AM	113.147	412.043	1416.650	547.421	634.201	289.622	295.191	290.232	349.113
12/21/24 2:00 AM	113.102	412.102	1416.669	546.955	634.170	289.626	295.212	290.254	349.112
12/21/24 3:00 AM	113.052	412.244	1416.664	546.875	634.145	289.625	295.261	290.275	349.144
12/21/24 4:00 AM	113.098	412.315	1416.660	547.220	634.102	289.656	295.276	290.314	349.180
12/21/24 5:00 AM	113.144	412.437	1416.657	547.508	634.067	289.674	295.307	290.346	349.213

Site Observations:

- Water samples collected from Central Pond.

Operational Notes:

- None

Containment Update:

Engineering/Testing:

- Core Well pad – working pier options with Terracon, all borings completed. Westlake will award contractor for well pad by end of year and start construction after the holidays.
- Southwest Levee (Area 3) – working on culvert design and valve selection.
- Well Levee (area 1) – working on culvert design and valve selection
- Salt Lake (Area 1) – preparing alignment drawings
- Investigating drainage around finger lakes

Construction:

- Area 2 passed compaction 95 and moisture 26, applied geo fabric and started spreading rock unload matts. Installed drain pipe for matt road south end of area 2 at ramps.
- Hauled dirt in area 5 for 2nd lift and roll with sheep's foot did not pass compaction or moisture, cut drains in area 1.

Reported by Kevin LaVergne (Westlake)





Date: 12/10/24

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: Sulphur Brine or Starks Brine (Circle One)

- Brine Well #7:

- Bled Oil from cavern? Y or N (Circle One)

- If yes, provide frac tank level

- Brine Well #4

- Bled brine from cavern? Y or N (Circle One)

- Bled gas from annulus? Y or N (Circle One)

- If yes, provide pressures below

- Before After

- Brine Well #2:

- Bled brine from cavern? Y or N (Circle One)

- Bled gas from annulus? Y or N (Circle One)

- If yes, provide pressure below

- Before After

- Miscellaneous Comments

Date: 12/20/24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0.50
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	0.00
Water Well #40	1661.6

Site 1 (E of #22 BW)	Circle One	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O ₂		20.6	20.7		
H ₂ S/Methane		0	0		
H ₂ s		0	0		
PID (VOC)		0	0		

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O ₂		20.6	20.7		
Methane		0	0		
H ₂ s		0	0		
PID (VOC)		0	0		

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		

O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		

O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		

O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		

O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.6	20.7		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	Not Present
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	Morning	Afternoon
O2	N/A	N/A
Methane	N/A	N/A
H2s	N/A	N/A
PID (VOC)	N/A	N/A

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.6	20.7
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#7 Well Pad Site General Housekeeping

- ✓ Check Berms for leaks or oil/brine
- ✓ Check hoses at each connection from rental pump to piping tie-in
- ✓ Check cellar for oil
- ✓ Check Wellhead for leaks

New Observation or comments?

H2O samples @ central

LA

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Cond -

Cond.

Cond

Central Lake Water Column Profile			
Sulphur Dome - Calcasieu Parish, Louisiana			
Date:	12/20/24	Time:	8:00
Depth (ft):	5 ft. 2		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.44	7.41	7.41
SC (uS/cm)	21160	2150	2159
ORP (mV)	246	176	37
Temp (°C)	16.3	16.3	16.3
TDS (ppm)	11615	11604	11613
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

12-20-24

Sulphur Field Observation Daily Report (Nightshift)

Site 1 (E of H22 BM)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
OT	20.8				20.6
ORT/CLAY	00				00
H21	00				00
H22	00				00
H23	00				00
H24	00				00
H25	00				00
H26	00				00
H27	00				00
H28	00				00
H29	00				00
H30	00				00
H31	00				00
H32	00				00
H33	00				00
H34	00				00
H35	00				00
H36	00				00
H37	00				00
H38	00				00
H39	00				00
H40	00				00
H41	00				00
H42	00				00
H43	00				00
H44	00				00
H45	00				00
H46	00				00
H47	00				00
H48	00				00
H49	00				00
H50	00				00
H51	00				00
H52	00				00
H53	00				00
H54	00				00
H55	00				00
H56	00				00
H57	00				00
H58	00				00
H59	00				00
H60	00				00
H61	00				00
H62	00				00
H63	00				00
H64	00				00
H65	00				00
H66	00				00
H67	00				00
H68	00				00
H69	00				00
H70	00				00
H71	00				00
H72	00				00
H73	00				00
H74	00				00
H75	00				00
H76	00				00
H77	00				00
H78	00				00
H79	00				00
H80	00				00
H81	00				00
H82	00				00
H83	00				00
H84	00				00
H85	00				00
H86	00				00
H87	00				00
H88	00				00
H89	00				00
H90	00				00
H91	00				00
H92	00				00
H93	00				00
H94	00				00
H95	00				00
H96	00				00
H97	00				00
H98	00				00
H99	00				00
H100	00				00

7A Plugged Well Site		(Cable Core)	Moist Intensity	Less Intensity	Soil Moisture	Bubbling - no change in intensity	
01	20.8						20.6
02	0						0
03	0						0
04	0						0
05	0						0
06	0						0
07	0						0
08	0						0
09	0						0
10	0						0
11	0						0
12	0						0
13	0						0
14	0						0
15	0						0
16	0						0
17	0						0
18	0						0
19	0						0
20	0						0
21	0						0
22	0						0
23	0						0
24	0						0
25	0						0
26	0						0
27	0						0
28	0						0
29	0						0
30	0						0
31	0						0
32	0						0
33	0						0
34	0						0
35	0						0
36	0						0
37	0						0
38	0						0
39	0						0
40	0						0
41	0						0
42	0						0
43	0						0
44	0						0
45	0						0
46	0						0
47	0						0
48	0						0
49	0						0
50	0						0
51	0						0
52	0						0
53	0						0
54	0						0
55	0						0
56	0						0
57	0						0
58	0						0
59	0						0
60	0						0
61	0						0
62	0						0
63	0						0
64	0						0
65	0						0
66	0						0
67	0						0
68	0						0
69	0						0
70	0						0
71	0						0
72	0						0
73	0						0
74	0						0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	4.5-5.0	Building 72 Change in Intensity	
OR	20.8						20.6
	0						0
MAINTENANCE	0						0
123	0						0
SHUT DOWN	0						0

Site 9 (aka BW Pond)		Circle Gravel	More Intense	Less Intense	No Bubble Change in Intensity	Bubbling - No Change in Intensity
OT	208					206
NORTHWOOD	0					0
HAS	0					0
FINDYCO	0					0
						207

Site 29 (44 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.8					20.6
03	0					0
04	0					0
05	0					0
06	0					0
07	0					0
08	0					0
09	0					0
10	0					0
11	0					0
12	0					0
13	0					0
14	0					0
15	0					0
16	0					0
17	0					0
18	0					0
19	0					0
20	0					0
21	0					0
22	0					0
23	0					0
24	0					0
25	0					0
26	0					0
27	0					0
28	0					0
29	0					0
30	0					0
31	0					0
32	0					0
33	0					0
34	0					0
35	0					0
36	0					0
37	0					0
38	0					0
39	0					0
40	0					0
41	0					0
42	0					0
43	0					0
44	0					0
45	0					0
46	0					0
47	0					0
48	0					0
49	0					0
50	0					0
51	0					0
52	0					0
53	0					0
54	0					0
55	0					0
56	0					0
57	0					0
58	0					0
59	0					0
60	0					0
61	0					0
62	0					0
63	0					0
64	0					0
65	0					0
66	0					0
67	0					0
68	0					0
69	0					0
70	0					0
71	0					0
72	0					0
73	0					0
74	0					0
75	0					0
76	0					0
77	0					0
78	0					0
79	0					0
80	0					0
81	0					0
82	0					0
83	0					0
84	0					0
85	0					0
86	0					0
87	0					0
88	0					0
89	0					0
90	0					0
91	0					0
92	0					0
93	0					0
94	0					0
95	0					0
96	0					0
97	0					0
98	0					0
99	0					0
100	0					0

#76 Wellhead Celler		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
01	20.8					20.6
02	0					0
03	0					0
04	0					0
05	0					0
06	0					0
07	0					0
08	0					0
09	0					0
10	0					0
11	0					0
12	0					0
13	0					0
14	0					0
15	0					0
16	0					0
17	0					0
18	0					0
19	0					0
20	0					0
21	0					0
22	0					0
23	0					0
24	0					0
25	0					0
26	0					0
27	0					0
28	0					0
29	0					0
30	0					0
31	0					0
32	0					0
33	0					0
34	0					0
35	0					0
36	0					0
37	0					0
38	0					0
39	0					0
40	0					0
41	0					0
42	0					0
43	0					0
44	0					0
45	0					0
46	0					0
47	0					0
48	0					0
49	0					0
50	0					0
51	0					0
52	0					0
53	0					0
54	0					0
55	0					0
56	0					0
57	0					0
58	0					0
59	0					0
60	0					0
61	0					0
62	0					0
63	0					0
64	0					0
65	0					0
66	0					0
67	0					0
68	0					0
69	0					0
70	0					0
71	0					0
72	0					0
73	0					0
74	0					0
75	0					0
76	0					0
77	0					0
78	0					0
79	0					0
80	0					0
81	0					0
82	0					0
83	0					0
84	0					0
85	0					0
86	0					0
87	0					0
88	0					0
89	0					0
90	0					0
91	0					0
92	0					0
93	0					0
94	0					0
95	0					0
96	0					0
97	0					0
98	0					0
99	0					0
100	0					0

#77 Bubble site (Road 5 of Yellow rock shop)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
01	20.8					20.8
02	0					0
03	0					0
04	0					0
05	0					0
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