

Westlake US 2 Daily Report

Date Reported: 9/1/2024

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)
8/31/24 5:00 AM	100.786	429.354	1416.447	502.684	641.641	734.474	737.255	-0.963	225.178
8/31/24 6:00 AM	99.169	429.283	1416.502	495.371	641.659	734.449	737.223	-0.945	225.319
8/31/24 7:00 AM	94.194	428.817	1416.012	473.927	641.672	734.897	737.589	-0.969	245.289
8/31/24 8:00 AM	95.980	428.429	1415.422	484.571	641.666	736.621	739.143	-0.944	256.763
8/31/24 9:00 AM	96.415	428.365	1415.181	486.320	641.639	738.414	740.776	-0.876	260.779
8/31/24 10:00 AM	96.649	428.295	1414.999	487.867	641.677	740.236	742.327	-0.795	262.528
8/31/24 11:00 AM	96.142	428.255	1414.796	486.199	641.705	741.974	743.819	-0.788	264.658
8/31/24 12:00 PM	95.836	428.242	1414.563	485.031	641.739	743.698	745.332	-0.700	267.706
8/31/24 1:00 PM	95.673	428.014	1414.333	485.576	641.767	745.330	746.774	-0.715	269.002
8/31/24 2:00 PM	95.669	427.839	1414.139	486.563	641.782	746.959	748.286	-0.700	271.575
8/31/24 3:00 PM	95.494	427.751	1413.959	486.418	641.792	748.611	749.907	-0.741	274.455
8/31/24 4:00 PM	95.992	427.554	1413.802	490.040	641.808	750.205	751.472	-0.700	277.072
8/31/24 5:00 PM	97.451	427.547	1413.907	497.010	641.823	751.663	752.961	-0.810	272.989
8/31/24 6:00 PM	95.378	427.432	1413.898	487.286	641.778	751.921	753.235	-0.774	252.070
8/31/24 7:00 PM	94.841	427.101	1413.669	486.827	641.770	751.663	752.971	-0.874	251.568
8/31/24 8:00 PM	94.387	426.827	1413.477	486.389	641.755	751.475	752.783	-0.947	251.373
8/31/24 9:00 PM	93.994	426.586	1413.281	485.723	641.746	751.308	752.637	-0.917	251.802
8/31/24 10:00 PM	98.031	426.651	1413.385	504.247	641.713	751.170	752.519	-0.986	252.059
8/31/24 11:00 PM	99.598	427.181	1413.957	508.588	641.686	751.067	752.416	-1.038	252.226
9/1/24 12:00 AM	99.965	427.565	1414.379	508.830	641.690	750.966	752.322	-1.103	252.382
9/1/24 1:00 AM	100.268	427.864	1414.728	508.067	641.695	750.892	752.232	-1.109	252.554
9/1/24 2:00 AM	100.036	428.174	1415.021	505.694	641.680	750.822	752.172	-1.099	252.694
9/1/24 3:00 AM	100.347	428.376	1415.249	505.844	641.698	750.762	752.090	-1.098	252.822
9/1/24 4:00 AM	100.604	428.590	1415.471	506.500	641.710	750.705	752.018	-1.126	252.925
9/1/24 5:00 AM	100.056	428.733	1415.643	503.044	641.687	750.646	751.958	-1.131	253.011

Site Observations:

None. Yesterday's Observation Report is attached.

Operational Notes:

-PPG 4 workover/MIT: workover and sonar complete, continuing to pre-pressure cavern for MIT. Plan to start the MIT activities on 9/3.

Containment Update:

Containment Update:

Engineering/Testing:

Recon continues to analyze soil samples.

Recon continuing on monitoring well pad engineering.

Recon finalizing plan for interior levee design

ERM is working on process water plant design specifications.

Terracon continuing to receive soil samples from proposed levee locations

Engineering working GPR in areas before start of construction on interior levee

Verifying minimum thickness for sheet piles

Plan complete to clear east side of levee

Reported by Kevin LaVergne (Westlake)



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Construction:

R&R is installing wattle along the West side of Salt Lake

R&R finished clearing the monitoring well pad area.

Boxes brought in to maintain site housekeeping throughout the project.

R&R dug trenches to verify boring results along the interior portion of the levee. Path forward has been determined from this process.

R&R to begin interior levee work upon receipt of materials.

Identifying suitable dirt pits in prep to start raising elevation of interior levee

Prepping to clear east side of levee





Date: 8-31-24

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)

- o 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: 8-31-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	360.14
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1275.5
Water Well #40	0.00

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O ₂		20.9	20.8		
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		20.9	20.8		
Methane		0	0		
H ₂ s		0	0		
PID (VOC)		0	0		

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	20.9	20.8
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	20.8	20.8		
	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	20.8	20.8		
	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	20.9	20.9		
	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	20.8	20.8		
	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
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	Morning	Afternoon
O2	20.9	20.8
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
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	Morning	Afternoon
O2	20.9	20.8
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
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	Morning	Afternoon
O2	20.9	20.8
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
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	Morning	Afternoon
O2	20.9	20.8
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
		Morning	Afternoon		
	O2	20.9	20.9		
	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
		Morning	Afternoon		
	O2	20.8	20.8		
	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
		Morning	Afternoon		
	O2	20.8	20.8		
	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
		Morning	Afternoon		
	O2	20.8	20.8		
	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
		Morning	Afternoon		

O2	20.9	20.9
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	Not Present
		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
		Morning	Afternoon		

O2	20.9	20.9
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
		Morning	Afternoon		

O2	20.9	20.9
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
		Morning	Afternoon		

O2	20.9	20.8
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
		Morning	Afternoon		

O2	20.9	20.8
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
		Morning	Afternoon		

O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#7 Well Pad Site General Housekeeping

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

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New Observation or comments?

Date: 8-31-24

Sulphur Field Observation Daily Report (Nightsift)

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.2						20.3	20.7
Methane	0						0	0
H2S	0						0	0
PH/VOC	0							

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
PH/VOC	0							

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
PH/VOC	0							

Site 9 (4A BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
PH/VOC	0							

Site 19 (44 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
pH (VOC)	0							

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
pH (VOC)	0							

#27 Bubble site (Road S of Yellow rock shop)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
pH (VOC)	0							

#28 Bubble site (MM-2 500' Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.8	20.7
Methane	0						0	0
H2S	0						0	0
pH (VOC)	0							

#7 Well Pad Site General Housekeeping	Check Berms for leaks or oil/brine Check hoses at each connection from aerial pump to dipping line Check cellar for oil Check wellhead for leaks
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New Observation, intensity changes, or comments?	
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Signature: *Edie Vailen*