

Westlake US 2 Daily Report

Date Reported: 12/18/2024

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)
12/17/24 5:00 AM	112.559	384.841	1415.398	553.602	635.118	286.827	292.059	287.301	344.452
12/17/24 6:00 AM	112.656	385.526	1415.378	554.250	635.119	286.871	292.081	287.318	344.493
12/17/24 7:00 AM	112.649	386.203	1415.374	553.879	635.120	286.901	292.136	287.332	344.536
12/17/24 8:00 AM	112.649	386.818	1415.351	554.043	635.095	286.954	292.190	287.355	344.599
12/17/24 9:00 AM	112.752	387.548	1415.344	554.084	635.073	286.985	292.250	287.386	344.688
12/17/24 10:00 AM	112.711	388.277	1415.337	553.838	635.089	287.053	292.325	287.374	344.834
12/17/24 11:00 AM	112.851	388.843	1415.313	554.347	635.146	287.107	292.369	287.502	344.908
12/17/24 12:00 PM	112.908	389.621	1415.298	554.512	635.215	287.153	292.456	287.405	344.962
12/17/24 1:00 PM	112.390	390.561	1415.249	552.829	635.253	287.217	292.585	287.084	345.001
12/17/24 2:00 PM	112.139	391.299	1415.169	552.000	635.277	287.282	292.740	286.936	345.040
12/17/24 3:00 PM	112.183	391.650	1415.074	551.667	635.303	287.315	292.798	287.284	345.114
12/17/24 4:00 PM	112.233	391.983	1415.002	552.687	635.289	287.327	292.690	287.702	345.267
12/17/24 5:00 PM	112.053	392.254	1414.935	552.294	635.252	287.280	292.565	287.726	345.202
12/17/24 6:00 PM	111.931	392.564	1414.899	553.129	635.188	287.280	292.564	287.717	345.252
12/17/24 7:00 PM	111.914	392.603	1414.846	552.952	635.127	287.306	292.600	287.727	345.258
12/17/24 8:00 PM	112.041	392.592	1414.817	553.529	635.091	287.327	292.628	287.772	345.313
12/17/24 9:00 PM	111.823	392.949	1414.792	553.289	635.052	287.345	292.651	287.812	345.352
12/17/24 10:00 PM	111.823	393.346	1414.740	553.526	635.012	287.375	292.702	287.838	345.400
12/17/24 11:00 PM	111.819	393.762	1414.704	553.342	634.987	287.386	292.728	287.867	345.438
12/18/24 12:00 AM	111.904	394.448	1414.689	553.840	634.953	287.414	292.738	287.913	345.480
12/18/24 1:00 AM	111.874	395.140	1414.679	553.916	634.910	287.434	292.786	287.964	345.527
12/18/24 2:00 AM	111.793	395.794	1414.656	553.807	634.900	287.450	292.827	287.976	345.565
12/18/24 3:00 AM	111.894	396.427	1414.645	554.191	634.883	287.496	292.847	288.018	345.628
12/18/24 4:00 AM	111.881	397.092	1414.630	553.969	634.867	287.516	292.891	288.071	345.693

Site Observations:

- ERM is onsite collecting gas and water samples from Central pond. Collecting monitoring well samples. Airboat observation with DNR.

Operational Notes:

- PPG 20 Update: After relieving brine pressure from PPG 20, the leaking connection ceased any fluid loss. We discovered that the leaking connection is a Swagelok fitting where the geophone array wires exit the wellhead and connect to the surface junction box. At this time no further action is required and Westlake will maintain a lower pressure on this cavern to avoid a leaking connection.

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- spreading rock from cattle guard t gates.
- Area 1- dressing up levee and cutting drains.

Reported by Randy Broussard (Westlake)





Date: 12/17/24

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: 12/17/24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	429.78
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1404.5
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	20.7	20.9		
	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	20.7	20.9		
	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
		Morning	Afternoon		
	O2	20.7	20.9		
	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
		Morning	Afternoon		
	O2	20.7	20.9		
	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
		Morning	Afternoon		
	O2	20.7	20.9		
	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
		Morning	Afternoon		
	O2	20.7	20.9		
	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	20.7	20.9		
	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	20.7	20.9		
	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	20.7	20.4		
	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	20.7	20.9		
	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
O ₂	10.7	10.4
Methane	0	0
H ₂ s	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
O ₂	10.7	10.4
Methane	0	0
H ₂ s	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
O ₂	10.7	10.4
Methane	0	0
H ₂ s	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
O ₂	10.7	10.4
Methane	0	0
H ₂ s	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	10.7	10.9		
	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	10.7	10.9		
	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	10.7	10.9		
	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	10.7	10.9		
	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		
		O ₂ 20.7	20.9		
		Methane 0	0		
		H ₂ s 0	0		
		PID (VOC) 0	0		

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	Not Present
		Morning	Afternoon
		O ₂ N/A	N/A
		Methane N/A	N/A
		H ₂ s 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		
		O ₂ 20.7	20.9		
		Methane 0	0		
		H ₂ s 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		
		O ₂ 20.7	20.9		
		Methane 0	0		
		H ₂ s 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	20.7	20.9
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	20.7	20.4
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	20.7	20.9
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?

LA

Date:

12/17/24

Sulphur Field Observation Daily Report (Nightshift)

Site 1 (E of 122 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.5
DP	20.6					0	0
methane	0					0	0
H ₂ S	0					0	0
PID (VOC)	0					0	0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.5
DP	20.6					0	0
methane	0					0	0
H ₂ S	0					0	0
PID (VOC)	0					0	0

Site 10 (Yellowrock RT)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.5
DP	20.6					0	0
methane	0					0	0
H ₂ S	0					0	0
PID (VOC)	0					0	0

Site 9 (44 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.5
DP	20.6					0	0
methane	0					0	0
H ₂ S	0					0	0
PID (VOC)	0					0	0

Site 19 (4th BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6 0 0 0	20.5 0 0 0
O2	20.6						
Methane	0						
H2S	0						
pH (VOC)	0						

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6 0 0 0	20.5 0 0 0
O2	20.6						
Methane	0						
H2S	0						
pH (VOC)	0						

#27 Bubble site (Road 5 of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6 0 0 0	20.5 0 0 0
O2	20.7						
Methane	0						
H2S	0						
pH (VOC)	0						

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6 0 0 0	20.5 0 0 0
O2	20.6						
Methane	0						
H2S	0						
pH (VOC)	0						

#7 Well Pad Site General Housekeeping	Check Bumps for leaks or oil/brine
	Check hoses at each connection from aerial pump to dipping line-in
	Check cellar for oil
	Check Wellhead for leaks

New Observation, intensity changes, or comments?	
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Signature	Y.W. E.
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