

Westlake US 2 Daily Report

Date Reported: 8/20/2024

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)
8/19/24 5:00 AM	93.329	427.804	1415.399	471.885	641.876	119.903	557.345	-1.247	-1.687
8/19/24 6:00 AM	93.555	427.803	1415.399	473.631	641.849	120.724	561.699	-1.223	-1.665
8/19/24 7:00 AM	93.614	427.767	1415.396	473.423	641.811	121.539	566.017	-1.195	-1.621
8/19/24 8:00 AM	102.995	428.412	1415.736	511.432	641.769	122.417	570.555	-1.125	-1.571
8/19/24 9:00 AM	96.124	429.837	1416.418	459.348	641.764	123.234	575.006	-1.126	-1.588
8/19/24 10:00 AM	95.567	429.430	1415.756	457.361	641.772	124.080	579.443	-1.076	-1.557
8/19/24 11:00 AM	93.216	428.556	1414.956	445.635	641.805	124.862	583.755	-1.158	-1.656
8/19/24 12:00 PM	96.759	428.053	1414.360	461.975	641.781	125.725	588.035	-1.096	-1.548
8/19/24 1:00 PM	99.807	428.975	1414.674	486.434	641.779	126.610	592.224	-0.995	-1.478
8/19/24 2:00 PM	87.332	429.412	1414.191	447.498	641.861	126.797	595.959	-1.140	-1.668
8/19/24 3:00 PM	96.137	428.302	1414.168	483.739	641.836	127.166	599.942	-1.153	-1.611
8/19/24 4:00 PM	92.917	427.374	1414.226	471.392	641.883	127.616	604.009	-1.129	-1.600
8/19/24 5:00 PM	92.249	426.828	1413.990	470.418	641.903	127.716	607.796	-1.175	-1.652
8/19/24 6:00 PM	94.471	426.747	1414.043	481.976	641.898	127.762	611.756	-1.180	-1.685
8/19/24 7:00 PM	94.723	426.924	1414.240	482.403	641.885	128.521	616.739	-1.146	-1.693
8/19/24 8:00 PM	94.814	427.019	1414.397	482.557	641.906	129.863	622.518	-1.172	-1.702
8/19/24 9:00 PM	94.611	427.052	1414.528	481.801	641.872	131.157	627.905	-1.168	-1.687
8/19/24 10:00 PM	94.418	427.072	1414.633	480.826	641.846	132.209	632.724	-1.183	-1.706
8/19/24 11:00 PM	94.213	427.114	1414.692	479.810	641.791	133.175	637.088	-1.184	-1.678
8/20/24 12:00 AM	94.233	427.138	1414.739	479.464	641.780	134.026	640.911	-1.184	-1.680
8/20/24 1:00 AM	94.086	427.234	1414.870	478.364	641.785	134.736	644.615	-1.188	-1.692
8/20/24 2:00 AM	94.162	427.296	1414.958	477.805	641.775	135.443	648.325	-1.181	-1.688
8/20/24 3:00 AM	94.115	427.382	1415.046	477.552	641.747	136.157	651.927	-1.177	-1.653
8/20/24 4:00 AM	94.154	427.455	1415.097	477.342	641.762	136.864	655.570	-1.196	-1.625
8/20/24 5:00 AM	94.205	427.505	1415.132	477.460	641.726	137.575	659.141	-1.218	-1.649
8/20/24 6:00 AM	94.239	427.526	1415.151	477.849	641.760	138.282	662.656	-1.227	-1.661

Site Observations:

-Air boat observations conducted yesterday.

Operational Notes:

-PPG 4 workover/MIT

-Investigating several micro seismic events around PPG 4.

Containment Update:

Engineering/Testing:

Recon continues to analyze soil samples.

Recon continuing on monitoring well pad engineering.

Recon continuing to work with Terracon on path forward for exterior levee work.

ERM is working on process water plant design specifications.

Terracon is drilling on the east side of the lake and has completed soil drilling for samples around salt lake.

Westlake received the design plans for the interior well levee around 7. We are awaiting a duration schedule and I'll send to the DNR by end of the week.

Construction:

R&R is installing silt fence around the cleared areas of the future monitoring well pad

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

R&R continues to clear the monitoring well pad area.

Boxes being brought in to maintain site housekeeping throughout the project.

R&R digging trenches to verify boring results along the interior portion of the levee.

Reported by Josh Bradley (Westlake)





Date: 8-19-24

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: Brine Well #4 work over Rig

Ran Starks Brine for 6 hrs for sulphur outage

Date: Aug. 19

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	389.5
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1342.1
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	20.9		
		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 20.9	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
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	Morning	Afternoon
O ₂	20.9	20.9
Methane	0	0
H ₂ s	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
O ₂	20.9	20.9
Methane	0	0
H ₂ s	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
O ₂	20.9	20.9
Methane	0	0
H ₂ s	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
O ₂	20.9	20.9
Methane	0	0
H ₂ s	0	0
PID (VOC)	0	0

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	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	<u>Bubbling - no change in intensity</u>

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

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	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	<u>No Bubbles</u>	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	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
		Morning	Afternoon		
	O2	20.9	20.9		
	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	20.9	20.9		
	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	20.9	20.9		
	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	20.9	20.9		
	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	20.9	20.9		
	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	20.9	20.9		
	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	20.9	20.9		
	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		

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	20.9		
		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	
		Morning Afternoon				
		O2	20.9	20.9		
		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	20.9		
		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?

Air boat with date @ central

LA

Date: 8-19-24

Sulphur Field Observation Daily Report (Nightsht)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	0				0
H2S	0				0
PH (VOC)	0				0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	0				0
H2S	0				0
PH (VOC)	0				0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	0				0
H2S	0				0
PH (VOC)	0				0

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	0				0
H2S	0				0
PH (VOC)	0				0

Site 13 (14 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.8	20.8
oz	20.8						20.8	20.8
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.8
oz	20.8						20.9	20.8
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#27 Bubble site (Road S of Yellow rock shop)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.8
oz	20.8						20.9	20.8
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#28 Bubble site (MW-2 500' Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.8
oz	20.8						20.9	20.8
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						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, intensity changes, or comments?	
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Signature: *Eddie Vetter*