

Westlake US 2 Daily Report

Date Reported: 4/22/2024

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)
4/21/24 5:00 AM	70.615	427.389	1412.000	342.952	8.380	247.472	616.969	244.515	262.415
4/21/24 6:00 AM	70.582	427.380	1412.000	342.748	8.216	247.506	617.094	244.572	262.465
4/21/24 7:00 AM	70.431	427.396	1412.000	342.887	8.170	247.531	617.100	244.621	262.518
4/21/24 8:00 AM	70.493	427.437	1412.000	342.681	8.306	247.598	617.153	244.680	262.589
4/21/24 9:00 AM	70.732	427.574	1412.000	342.750	8.404	247.641	617.196	244.727	262.660
4/21/24 10:00 AM	71.043	427.792	1412.000	342.897	237.457	247.703	617.234	244.908	262.859
4/21/24 11:00 AM	71.661	428.076	1412.000	342.672	300.787	247.777	617.474	245.005	262.902
4/21/24 12:00 PM	71.446	428.341	1412.000	342.756	309.709	247.842	617.790	245.077	262.964
4/21/24 1:00 PM	70.974	428.487	1412.000	339.167	499.256	247.911	617.909	245.129	262.986
4/21/24 2:00 PM	70.578	428.541	1412.000	335.960	664.543	247.977	618.062	245.135	262.991
4/21/24 3:00 PM	70.319	428.513	1412.000	334.513	664.973	248.078	618.196	245.166	263.011
4/21/24 4:00 PM	70.161	428.442	1412.000	334.911	665.301	248.146	618.609	245.208	263.027
4/21/24 5:00 PM	69.905	428.256	1412.000	334.383	665.562	248.142	619.083	245.230	262.970
4/21/24 6:00 PM	69.523	427.959	1412.000	334.059	665.762	248.141	619.081	245.135	263.088
4/21/24 7:00 PM	69.198	427.609	1412.000	333.684	665.915	248.115	619.035	245.111	263.170
4/21/24 8:00 PM	69.001	427.318	1412.000	333.300	665.990	248.112	619.012	245.110	263.194
4/21/24 9:00 PM	69.049	427.115	1412.000	335.019	666.023	248.156	619.118	245.147	263.264
4/21/24 10:00 PM	69.146	427.017	1411.000	335.832	666.077	248.170	619.155	245.187	263.322
4/21/24 11:00 PM	69.500	426.984	1411.000	338.287	666.078	248.225	619.258	245.240	263.373
4/22/24 12:00 AM	69.500	426.942	1411.000	338.415	666.130	248.270	619.356	245.282	263.462
4/22/24 1:00 AM	69.657	426.971	1411.000	339.001	666.167	248.299	619.444	245.314	263.480
4/22/24 2:00 AM	69.597	426.976	1412.000	338.790	666.226	248.361	619.998	245.351	263.523
4/22/24 3:00 AM	69.590	426.957	1412.000	338.719	666.282	248.401	620.099	245.370	263.556
4/22/24 4:00 AM	69.561	426.956	1412.000	338.613	666.281	248.430	620.148	245.433	263.629
4/22/24 5:00 AM	69.585	426.921	1412.000	338.545	666.294	248.458	620.185	245.489	263.700

Site Observations:

-None

Operational Notes:

- WalkerHill to continue drilling the deformation device locations (tiltmeter, GPS, and Insar).
- Lonquist completed installation of geophones in both PPG 6X and PPG 20. Some additional photos attached from the PPG 6X install.



Westlake US 2 Daily Report
Date Reported: 4/22/2024



Reported by Josh Bradley (Westlake)



Westlake

Date: 4/21/24

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: #22, #21, #18, or Starks Tie-In (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:

4/21/24

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7h Downhole Gauge	1412	1412	1412	1412	1411	1411	1411	1411	1411	1412	1412	1412

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity		
O ₂	21.0						20.9	20.9
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		
O ₂	20.9						20.8	20.8
Methane	0						0	0
H ₂ S	0						0	0
PID (VOC)	0						0	0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity		
O ₂	21.0						20.8	20.9
Methane	0						0	0
H ₂ S	0						0	0
PID (VOC)	0						0	0

Site 9 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity		
O ₂	21.0						20.8	20.9
Methane	0						0	0
H ₂ S	0						0	0
PID (VOC)	0						0	0

Site 19 (H4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity	20.8	20.9
O2						0	0
Methane						0	0
H2S						0	0
pH (VOC)						0	0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity	20.8	20.8
O2						0	0
Methane						0	0
H2S						0	0
pH (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	20.9	20.9
O2						0	0
Methane						0	0
H2S						0	0
pH (VOC)						0	0

#28 Bubble site (MW 2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity	20.8	20.9
O2						0	0
Methane						0	0
H2S						0	0
pH (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
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New Observation, intensity changes, or comments?	
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Signature	M.E.
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Date:

4-21-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	545.5
Water Well #12	1483.1
Water Well #13	0.00
Water Well #19	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	14.12	14.12

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	21.0	21.0
H2S/Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O2	21.0	21.1
Methane	0	0
H2s	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	21.1	21.1
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	21.0	21.0
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	21.1	21.1
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	21.1	21.0		
	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	20.9	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	20.9	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	21.0	21.1		
	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	20.9	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	20.8	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
		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
		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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.0		
	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	21.1	21.1		
	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	21.1	21.1		
	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	<u>Not Present</u>
		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	<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		

#7A Plugged Well Site	(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		

#26 Bubble site (Salt Lake (Big Pond))	(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		

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.0		
	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

Signature

U.T.

New Observation or comments?
