

Westlake US 2 Daily Report

Date Reported: 2/24/2024

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)
2/23/24 5:00 AM	69.401	429.773	1417.000	322.236	146.801	250.024	728.686	247.107	255.742
2/23/24 6:00 AM	69.386	429.869	1417.000	322.167	146.797	250.073	728.802	247.182	255.790
2/23/24 7:00 AM	69.470	430.018	1417.000	322.169	146.790	250.085	728.915	247.252	255.875
2/23/24 8:00 AM	69.500	430.248	1417.000	322.182	146.773	250.147	729.081	247.455	256.113
2/23/24 9:00 AM	69.668	430.539	1417.000	322.105	146.783	250.166	729.282	247.631	256.193
2/23/24 10:00 AM	69.999	430.797	1417.000	321.815	146.818	250.280	729.340	247.711	256.226
2/23/24 11:00 AM	70.230	430.999	1417.000	321.595	146.868	250.357	729.397	247.690	256.208
2/23/24 12:00 PM	70.466	431.203	1417.000	320.886	146.952	250.477	729.597	247.697	256.186
2/23/24 1:00 PM	70.664	431.329	1417.000	320.139	147.000	250.555	729.793	247.706	256.182
2/23/24 2:00 PM	70.655	431.373	1417.000	320.461	147.012	250.666	729.942	247.749	256.189
2/23/24 3:00 PM	70.649	431.260	1417.000	321.335	147.057	250.732	730.018	247.820	256.126
2/23/24 4:00 PM	70.438	431.178	1417.000	321.345	147.081	250.753	730.076	247.876	256.132
2/23/24 5:00 PM	70.267	431.002	1417.000	321.375	147.095	250.764	730.192	247.853	256.213
2/23/24 6:00 PM	70.039	430.860	1417.000	321.109	147.067	250.715	730.251	247.697	256.206
2/23/24 7:00 PM	69.942	430.768	1417.000	320.975	147.047	250.724	730.417	247.723	256.298
2/23/24 8:00 PM	69.945	430.729	1417.000	320.895	147.039	250.738	730.538	247.742	256.363
2/23/24 9:00 PM	69.906	430.677	1417.000	320.921	147.029	250.753	730.639	247.783	256.442
2/23/24 10:00 PM	69.936	430.646	1417.000	320.942	146.992	250.807	730.706	247.848	256.539
2/23/24 11:00 PM	69.765	430.637	1417.000	320.934	146.966	250.843	730.852	247.949	256.640
2/24/24 12:00 AM	69.723	430.608	1417.000	320.953	147.005	250.896	730.938	247.985	256.669
2/24/24 1:00 AM	70.472	430.604	1417.000	320.233	147.030	250.910	731.055	247.983	256.685
2/24/24 2:00 AM	70.350	430.645	1417.000	325.246	147.020	250.979	731.175	248.059	256.763
2/24/24 3:00 AM	70.852	430.845	1417.000	328.368	147.038	250.986	731.247	248.109	256.794
2/24/24 4:00 AM	71.022	431.024	1417.000	328.213	147.038	251.016	731.348	248.148	256.842
2/24/24 5:00 AM	71.180	431.178	1417.000	327.178	147.044	251.050	731.455	248.192	256.906
2/24/24 6:00 AM	70.479	431.182	1417.000	321.236	147.031	251.088	731.539	248.236	256.964
2/24/24 7:00 AM	70.700	431.233	1417.000	321.155	147.052	251.079	731.561	248.343	257.075

Site Observations:

-None

Operational Notes:

-None



Westlake

Date: 2/23/24

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: 2/23/24

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Downhole Gauge	1417	1417	1417	1417	1417	1417	1417	1417	1417	1417	1417	1417

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.9		20.8
Methane	0						0		0
H2s	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			
O2	20.9						20.9		20.8
Methane	0						0		0
H2s	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			
O2	20.9						20.9		20.8
Methane	0						0		0
H2s	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			
O2	20.8						20.9		20.8
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 19 (#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
PID (VOC)	0				0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9				20.9
Methane	0				0
H2s	0				0
PID (VOC)	0				0

#27 Bubble site (Road 5 of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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
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, intensity changes, or comments?	
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Signature	W. E.
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Date: 2-23-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0
Water Well #12	0
Water Well #13	0
Water Well #19	0
Water Well #40	0

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1417	1417

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	21.1	21.4
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	21.3
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	21.0	21.3
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	21.1	21.3
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	21.3
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	21.0	21.4		
	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	21.0	21.4		
	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	21.2	21.4		
	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	21.2	21.3		
	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	21.1	21.3		
	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	21.1	21.3		
	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	21.1	21.3		
	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	21.2	21.4		
	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	21.3		
	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	21.3		
	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	21.3		
	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	21.0	21.4		
	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	21.0	21.4		
	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	21.2	21.4		
	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	21.1	21.5		
	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	21.1	21.5		
	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	21.1	21.4		
	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	21.1	21.5		
	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	21.1	21.5		
	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:

MC

New Observation or comments?

changed Boom on #22

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	2-23-24	Time:	12:45
Depth (ft):	5'		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.75	7.65	7.70
SC (uS/cm)	1766	1767	1782
ORP (mV)	146	137	115
Temp (°C)	20.5	21.1	20.9
TDS (ppm)	1289	1286	1299

Cond -

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond.

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			