

Westlake US 2 Daily Report

Date Reported: 3/8/2024

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)
3/7/24 5:00 AM	70.638	431.375	1417.000	319.443	152.969	252.805	800.490	249.931	258.861
3/7/24 6:00 AM	71.046	431.489	1417.000	321.217	152.986	252.838	800.481	249.994	258.915
3/7/24 7:00 AM	71.341	431.685	1417.000	321.862	153.033	252.884	800.511	250.095	259.021
3/7/24 8:00 AM	71.517	431.898	1417.000	322.218	153.063	252.921	800.567	250.236	259.167
3/7/24 9:00 AM	71.770	432.141	1417.000	322.822	153.108	253.006	800.625	250.452	259.332
3/7/24 10:00 AM	72.517	432.456	1417.000	323.746	153.169	253.083	800.741	250.593	259.403
3/7/24 11:00 AM	72.142	432.726	1417.000	323.401	153.238	253.156	800.783	250.493	259.341
3/7/24 12:00 PM	72.289	432.947	1417.000	322.807	153.298	253.212	800.854	250.509	259.401
3/7/24 1:00 PM	72.018	432.980	1417.000	321.334	153.342	253.267	800.857	250.388	259.325
3/7/24 2:00 PM	69.653	432.789	1417.000	306.587	153.359	253.354	800.955	250.473	259.403
3/7/24 3:00 PM	70.380	432.463	1417.000	314.117	153.408	253.381	800.930	250.449	259.350
3/7/24 4:00 PM	70.242	432.254	1417.000	315.835	153.439	253.437	800.954	250.527	259.378
3/7/24 5:00 PM	69.949	431.928	1417.000	316.209	153.457	253.439	800.912	250.481	259.354
3/7/24 6:00 PM	69.786	431.787	1417.000	316.286	153.458	253.452	800.993	250.487	259.416
3/7/24 7:00 PM	69.778	431.657	1417.000	316.373	153.482	253.479	801.360	250.565	259.503
3/7/24 8:00 PM	70.050	431.543	1417.000	316.167	153.516	253.520	801.547	250.639	259.552
3/7/24 9:00 PM	70.299	431.445	1417.000	315.997	153.512	253.556	801.712	250.698	259.633
3/7/24 10:00 PM	70.236	431.254	1417.000	315.891	153.532	253.606	801.814	250.727	259.678
3/7/24 11:00 PM	70.515	431.225	1416.000	315.758	153.535	253.651	801.889	250.796	259.735
3/8/24 12:00 AM	70.654	431.239	1416.000	315.563	153.587	253.680	801.940	250.892	259.817
3/8/24 1:00 AM	70.885	431.200	1416.000	315.328	153.635	253.729	801.975	250.967	259.875
3/8/24 2:00 AM	71.523	431.149	1416.000	314.682	153.638	253.791	801.978	251.010	259.920
3/8/24 3:00 AM	70.913	431.098	1416.000	315.296	153.672	253.837	802.002	251.049	259.957
3/8/24 4:00 AM	70.979	431.041	1416.000	315.279	153.736	253.874	802.031	251.085	260.017
3/8/24 5:00 AM	71.074	431.005	1416.000	315.299	153.749	253.933	802.072	251.127	260.057

Site Observations:

-None

Operational Notes:

-Central lake water profile collected in observation report attached.



Date: 3/07/24

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	1416	1416	1416	1416	1416	1416

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

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

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	3/7/24	Time:	12:40
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.59	7.53	7.59
SC (uS/cm)	1956	1950	1988
ORP (mV)	164	108	-17
Temp (°C)	24.0	24.6	24.1
TDS (ppm)	1443	1431	1463

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)			

Date: 3/7/24

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
		Morning	Afternoon		
	O2	20.9	21.1		
	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
		Morning	Afternoon		
	O2	20.9	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
		Morning	Afternoon		
	O2	20.9	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
		Morning	Afternoon		
	O2	20.9	21.1		
	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	20.9	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	20.9	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	21.1		
	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	21.1		
	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	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	21.1		
	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	21.1		
	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	21.1		
	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	21.1		
	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	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	20.9	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	20.9	21.1		
	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	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	20.9	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	21.1		
	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	21.1		
	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	21.1		
	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	21.0	21.1		
	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	21.1		
	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	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#7 Well Pad Site General Housekeeping	<input checked="" type="checkbox"/> Check Berms for leaks or oil/brine <input checked="" type="checkbox"/> Check hoses at each connection from rental pump to piping tie-in <input checked="" type="checkbox"/> Check cellar for oil <input checked="" type="checkbox"/> Check Wellhead for leaks
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Signature:

MC

New Observation or comments?

samples @ central lake