

## Westlake US 2 Daily Report

Date Reported: 7/27/2024

### 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)
7/26/24 5:00 AM	109.885	430.061	1390.395	540.873	641.445	186.071	604.000	175.545	677.141
7/26/24 6:00 AM	109.979	430.050	1390.403	540.762	641.445	186.194	604.433	175.713	677.608
7/26/24 7:00 AM	110.039	430.099	1390.476	540.965	641.445	186.316	604.474	175.853	677.996
7/26/24 8:00 AM	110.081	430.098	1390.585	541.178	641.428	185.810	604.687	153.673	676.750
7/26/24 9:00 AM	110.128	430.092	1390.609	541.595	641.392	183.905	604.053	143.431	674.031
7/26/24 10:00 AM	111.134	430.250	1390.735	544.737	641.415	182.088	603.792	141.723	674.472
7/26/24 11:00 AM	110.903	430.503	1390.847	542.956	641.407	180.422	603.683	140.107	676.740
7/26/24 12:00 PM	111.076	430.701	1390.958	543.108	641.462	178.772	603.582	138.489	680.224
7/26/24 1:00 PM	111.072	430.802	1391.036	543.276	641.510	177.122	603.668	136.913	684.891
7/26/24 2:00 PM	111.139	430.913	1391.101	543.153	641.523	175.521	604.009	135.345	690.781
7/26/24 3:00 PM	111.110	431.047	1391.161	542.658	641.541	174.047	604.557	134.027	697.942
7/26/24 4:00 PM	111.007	431.182	1391.192	542.321	641.574	173.107	605.506	151.202	705.675
7/26/24 5:00 PM	110.729	431.220	1391.193	541.063	641.590	173.529	607.437	162.367	714.545
7/26/24 6:00 PM	110.469	431.104	1391.152	539.902	641.629	173.935	609.336	163.070	722.407
7/26/24 7:00 PM	110.003	430.885	1391.066	538.972	641.624	174.250	611.193	163.632	729.086
7/26/24 8:00 PM	109.728	430.667	1390.950	538.117	641.596	174.580	612.976	164.098	734.948
7/26/24 9:00 PM	109.486	430.467	1390.806	537.786	641.573	174.853	614.554	164.543	740.123
7/26/24 10:00 PM	109.456	430.319	1390.720	538.112	641.537	175.118	616.037	164.929	744.727
7/26/24 11:00 PM	109.312	430.212	1390.670	537.506	641.515	175.346	617.483	165.290	748.695
7/27/24 12:00 AM	109.252	430.078	1390.553	538.177	641.489	175.575	618.741	165.619	752.236
7/27/24 1:00 AM	109.200	430.011	1390.488	537.722	641.495	175.779	619.742	165.930	755.376
7/27/24 2:00 AM	109.170	429.939	1390.430	538.093	641.496	175.961	620.668	166.225	758.144
7/27/24 3:00 AM	109.134	429.858	1390.336	538.335	641.461	176.155	621.342	166.512	760.589
7/27/24 4:00 AM	109.174	429.804	1390.276	538.173	641.472	176.327	621.993	166.749	762.718

7/26 Evening Update	7/27 Morning Update
<p><b>Site Observations:</b> -None.</p> <p><b>Operational Notes:</b> -Attached is the #7 investigation schedule. I'll add the containment schedule to the future schedule. -Attached is the 6x4 pump specification that we are now using brine injection into #7. -Depressuring PPG 4 for an upcoming MIT. This will be done over the next 2 weeks. -We are observing gas influx in the casing of PPG 4 as we bleed brine from the PPG 4 tubing. PPG 2 is seeing a similar influx which was expected at lower cavern pressures. -We have started clearing trees along the Salt lake for construction of the containment berm. -Lonquist is scheduled to install the downhole gauge on Sunday.</p>	<p><b>Site Observations:</b> -None.</p> <p><b>Operational Notes:</b> -Depressuring PPG 4 for an upcoming MIT. This will be done over the next 2 weeks. -We are observing gas influx in the casing of PPG 4 as we bleed brine from the PPG 4 tubing. PPG 2 is seeing a similar influx which was expected at lower cavern pressures. -We have started clearing trees along the Salt lake for construction of the containment berm. -Lonquist is scheduled to install the downhole gauge on Sunday.</p>





Date: July 26 2024

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	442.5
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1467.5
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		
		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
		Morning	Afternoon		
		o2 21.0	21.0		
		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	21.0	21.0		
	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	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
		Morning	Afternoon		
	O2	21.0	21.0		
	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	21.0		
	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	21.0	21.0		
		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	21.0	21.0	
		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	21.0	
		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	21.0	21.0	
		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	21.0	21.0	
		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	21.0	21.0	
		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	21.0	21.0	
		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	21.0	21.0	
		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	21.0	21.0		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	U	U				

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
			Morning	Afternoon		
		O2	21.0	21.0		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	U	U				

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
			Morning	Afternoon		
		O2	21.0	21.0		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	U	U				

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
			Morning	Afternoon		
		O2	21.0	21.0		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	U	U				

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.0	21.0	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	U	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	21.0	21.0	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	U	

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.0	21.0	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	U	



#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	21.0		
		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	
			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	No Bubbles	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	<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

New Observation or comments?

H2O samples @ central

LA

### Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	7-26-24	Time:	10:15
Depth (ft):	6 ft 2		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.11	7.24	7.19
SC (uS/cm)	1304	1310	1331
ORP (mV)	85	26	35
Temp (°C)	26.5	26.8	26.7
TDS (ppm)	922.8	930.2	942.6

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: 7/26/24

Sulphur Field Observation Daily Report (Nightsift)

Site 1 (E of #22 BW)	(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
PH (ppm)	0						

7A Plugged Well Site	(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
PH (ppm)	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
PH (ppm)	0						

Site 9 (H4 BW Pond)	(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
PH (ppm)	0						

Site 19 (94 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.9				
Methane	0				
H2S	0				
PH2 (ppm)	0				

#75 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.9				
Methane	0				
H2S	0				
PH2 (ppm)	0				

#27 bubble site (Road 5 of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.9				
Methane	0				
H2S	0				
PH2 (ppm)	0				

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.9				
Methane	0				
H2S	0				
PH2 (ppm)	0				

#7 Well Pad Site General Housekeeping

Check Berms for leaks or oil/drums

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?

Signature