

Westlake US 2 Daily Report

Date Reported: 10/12/2024

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)
10/11/24 5:00 AM	104.460	424.020		526.598	641.332	280.182	279.185	274.010	302.373
10/11/24 6:00 AM	104.565	424.189		526.465	641.325	280.212	279.205	274.033	302.429
10/11/24 7:00 AM	104.687	424.275		526.208	641.289	280.239	279.227	274.066	302.483
10/11/24 8:00 AM	104.848	424.444		525.952	641.298	280.292	279.244	274.129	302.658
10/11/24 9:00 AM	105.066	424.775		526.085	641.350	280.406	279.379	274.432	302.933
10/11/24 10:00 AM	105.294	425.148		526.011	641.435	280.531	279.501	274.669	303.065
10/11/24 11:00 AM	105.365	425.505		525.895	641.532	280.660	279.493	274.729	303.014
10/11/24 12:00 PM	105.568	425.804		525.937	641.590	280.767	279.665	274.144	302.988
10/11/24 1:00 PM	105.623	426.073		525.585	641.647	280.872	279.842	274.038	303.016
10/11/24 2:00 PM	105.609	426.257		524.705	641.729	281.009	280.067	273.667	300.654
10/11/24 3:00 PM	105.570	426.353		524.416	641.766	281.054	280.185	273.684	295.062
10/11/24 4:00 PM	105.607	426.375		524.253	641.777	281.044	280.202	273.769	295.014
10/11/24 5:00 PM	105.669	426.342		523.924	641.785	281.038	280.090	274.081	295.124
10/11/24 6:00 PM	105.652	426.212		524.018	641.766	281.019	279.908	274.723	295.230
10/11/24 7:00 PM	105.590	426.078		524.337	641.682	280.918	279.783	274.696	295.349
10/11/24 8:00 PM	105.682	426.090		524.018	641.582	280.894	279.798	274.681	295.453
10/11/24 9:00 PM	105.573	426.122		522.932	641.488	280.902	279.825	274.709	295.518
10/11/24 10:00 PM	105.474	426.206		522.058	641.431	280.917	279.846	274.742	295.604
10/11/24 11:00 PM	105.437	426.277		521.352	641.374	280.919	279.896	274.762	295.669
10/12/24 12:00 AM	105.434	426.357		520.837	641.317	280.952	279.929	274.817	295.753
10/12/24 1:00 AM	105.378	426.416		520.357	641.310	280.980	279.964	274.859	295.783
10/12/24 2:00 AM	105.318	426.513		519.797	641.263	280.998	279.973	274.874	295.832
10/12/24 3:00 AM	105.346	426.613		519.397	641.243	281.044	280.006	274.906	295.924
10/12/24 4:00 AM	105.331	426.686		519.162	641.227	281.062	280.059	274.954	295.982
10/12/24 5:00 AM	105.459	426.706		519.003	641.211	281.088	280.089	274.991	296.020

Site Observations:

-None

Operational Notes:

- Lonquist will be monitoring and gathering data from #7B downhole fiber optic till Monday, there will be no down hole gauge pressure readings during this time.
- Bled gas from #4 brine well annulus.

Containment Update:

Engineering/Testing:

- Well Levee-continue working levee sections and detail drawings
- Terracon will mob on site and at the dirt pits on 10/16
- Continue working alignment drawings for SW section of the containment
- Continue to work on LDEQ SWPPP for upcoming construction work sections.

Construction:

- Installed a total of 22 double sheet piles yesterday.

Reported by Kevin LaVergne (Westlake)





Date: 10-11-24

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: 303 After: 295

- 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: Wireline on #7B

Date: 10/11/24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0.00
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1585.6
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
O2	20.9	20.9
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	20.9	20.9
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	20.9	20.9
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
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	Morning	Afternoon
O2	20.9	20.9
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
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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 9 (#4 BW Pond)	(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 10 (Yellow rock #7)	(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 12 (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 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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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		

	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		

	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		

	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?

H2O samples @ central

LA

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Conc

Date:	10-11-24	Time:	11:30
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.80	7.69	7.70
SC (uS/cm)	1900	1870	1893
ORP (mV)	196	174	90
Temp (°C)	26.7	26.1	26.4
TDS (ppm)	1390	1363	1384

Conc -

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

Conc.

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

Conc

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

10-11-24

Sulphur Field Observation Daily Report (Nightshift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	70.8				70.8
Methane	0				0
H2S	0				0
PHD (NO3)	0				0

7A Plugged Well Site		(Circle One)	More Intense	less intense	No Bubbles	Bubbling - no change in intensity						
02	20.9						20.8					20.9
Methane	0						0					0
H2S	0						0					0
PID NDCI	0						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
N2	0				0
PID (NO2)	0				0

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9				20.7
Methane	0				0
N2	0				0
PH (WOC)	0				0

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9				20.7
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	20.8				20.8
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
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	20.8				20.9
Methane	0				0
H2s	0				0
PID (VOC)	0				0

#7 Well Pad Site General Housekeeping	Check Bernis for leaks or oil/bt/rhe	✓
	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:	Sehn
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