

Westlake US 2 Daily Report
Date Reported: 2/10/2024

Pressure Data:

Time	BW #7B Tubing Pressur e (PSI)	BW #7B Casing Pressur e (PSI)	BW #7B Downhole Pressure @ 2,650' (PSI)	#7B Brine Injection Flow (GPM)	BW #6X Casing Pressur e (PSI)	BW #2 Tubing Pressur e (PSI)	BW #2 Casing Pressur e (PSI)	BW #4 Tubing Pressur e (PSI)	BW #4 Casing Pressur e (PSI)
2/9/24 5:00 AM	69.591	429.272	1414.000	319.433	144.223	251.364	624.892	248.613	256.859
2/9/24 6:00 AM	69.675	429.332	1414.000	319.309	144.221	251.386	624.986	248.641	256.904
2/9/24 7:00 AM	69.730	429.448	1414.000	319.319	144.225	251.435	625.145	248.692	256.961
2/9/24 8:00 AM	69.765	429.510	1414.000	319.156	144.218	251.479	625.312	248.791	257.067
2/9/24 9:00 AM	69.859	429.635	1414.000	319.190	144.174	251.553	625.536	248.962	257.215
2/9/24 10:00 AM	69.932	429.774	1414.000	319.191	144.208	251.639	625.707	249.046	257.252
2/9/24 11:00 AM	69.955	429.879	1414.000	319.093	144.243	251.679	625.828	249.069	257.271
2/9/24 12:00 PM	70.033	429.998	1414.000	319.035	144.285	251.741	625.991	249.107	257.341
2/9/24 1:00 PM	69.970	429.989	1414.000	318.669	144.330	251.790	626.080	249.082	257.316
2/9/24 2:00 PM	69.850	429.918	1414.000	318.435	144.332	251.832	626.192	249.132	257.352
2/9/24 3:00 PM	69.933	429.883	1414.000	318.521	144.349	251.863	626.297	249.177	257.386
2/9/24 4:00 PM	69.993	429.848	1414.000	318.989	144.340	251.916	626.446	249.221	257.428
2/9/24 5:00 PM	69.948	429.796	1414.000	319.495	144.332	251.944	626.512	249.175	257.406
2/9/24 6:00 PM	69.892	429.752	1414.000	319.848	144.317	251.973	626.597	249.174	257.432
2/9/24 7:00 PM	69.959	429.763	1414.000	319.822	144.310	252.003	626.696	249.230	257.494
2/9/24 8:00 PM	69.945	429.766	1414.000	319.774	144.295	252.051	626.814	249.294	257.551
2/9/24 9:00 PM	69.979	429.729	1414.000	319.896	144.298	252.091	626.912	249.341	257.604
2/9/24 10:00 PM	69.973	429.738	1414.000	320.049	144.298	252.148	626.967	249.409	257.665
2/9/24 11:00 PM	70.039	429.764	1414.000	320.327	144.294	252.178	626.988	249.463	257.715
2/10/24 12:00 AM	70.134	429.816	1414.000	320.427	144.297	252.228	627.166	249.531	257.751
2/10/24 1:00 AM	70.216	429.870	1414.000	320.518	144.345	252.283	627.233	249.560	257.825
2/10/24 2:00 AM	70.303	429.932	1414.000	320.613	144.354	252.324	627.244	249.610	257.858
2/10/24 3:00 AM	70.251	429.969	1414.000	320.222	144.316	252.380	627.290	249.665	257.905
2/10/24 4:00 AM	70.211	429.997	1414.000	319.868	144.317	252.419	627.439	249.704	257.975
2/10/24 5:00 AM	70.164	430.000	1414.000	319.611	144.333	252.443	627.572	249.758	258.020
2/10/24 6:00 AM	70.114	429.982	1414.000	319.357	144.336	252.498	627.702	249.816	258.067

Site Observations:

- #28 bubble location no longer visible

Operational Notes:

-None



Date:

2/9/24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	494.2
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1293.1
Water Well #40	0.00

Downhole Gauge #7 Brite Well	Morning	Afternoon
	1414	1414

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	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	21.1	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	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
		Morning	Afternoon		
	O2	21.1	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	21.1	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	21.1	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	21.1	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	21.2	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	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	21.1	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	21.0	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	21.1	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	21.1	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	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	21.0		
	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	21.0		
	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	21.0		
	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	21.1		
	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	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	21.2	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	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	21.2	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	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	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	21.1	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:

LA

New Observation or comments?

H2O samples @ central lake

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Conc

Conc -

Conc.

Conc

Central Lake Water Column Profile			
Sulphur Dome - Calcasieu Parish, Louisiana			
Date:	2/9/24	Time: 8:35	
Depth (ft):	5'5		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.34	7.27	7.29
SC (uS/cm)	1570	1572	1607
ORP (mV)	58	76	14
Temp (°C)	18.7	18.5	18.5
TDS (ppm)	1143	1144	1171
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			
Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Westlake

Date: 2/9/24

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:

2/19/24

Sulphur Field Observation Daily Report (Nightshift)

7th Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1414	1414	1414	1414	1414	1414	1414	1414	1414	1414	1414	1414

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

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.9				20.7
Methane	0				0
H ₂	0				0
PID (VOC)	0				0

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

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

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
O ₂	20.9					20.8
Methane	0					0
H ₂ s	0					0
PID (VOC)	0					0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
O ₂	20.9					20.7
Methane	0					0
H ₂ s	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	
O ₂	20.9					20.8
Methane	0					0
H ₂ s	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	
O ₂	20.9					20.8
Methane	0					0
H ₂ s	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?	#28 bubble site dried up. Bubbling no longer visible.
Signature:	ym. E.