

Westlake US 2 Daily Report

Date Reported: 6/22/2024

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)
6/21/24 5:00 AM	91.048	433.688	1419.448	370.576	657.035	255.032	583.369	251.587	284.419
6/21/24 6:00 AM	91.718	433.626	1419.270	369.098	657.004	255.050	584.699	251.654	284.473
6/21/24 7:00 AM	92.397	433.559	1419.104	370.826	656.900	255.009	586.052	251.840	284.672
6/21/24 8:00 AM	88.019	433.517	1419.178	371.003	656.880	255.156	587.372	252.015	284.836
6/21/24 9:00 AM	84.959	433.161	1418.618	389.999	656.906	255.243	588.668	252.170	284.960
6/21/24 10:00 AM	85.558	433.394	1418.077	393.509	656.951	255.402	589.893	252.223	284.999
6/21/24 11:00 AM	85.490	433.805	1418.936	393.485	656.976	255.596	591.123	252.290	284.997
6/21/24 12:00 PM	85.863	434.159	1419.188	394.952	657.039	255.748	592.378	252.325	285.018
6/21/24 1:00 PM	86.042	434.400	1419.334	396.629	657.053	255.803	593.432	252.240	284.984
6/21/24 2:00 PM	86.451	434.948	1419.594	397.484	657.061	255.955	594.589	252.294	285.122
6/21/24 3:00 PM	85.621	435.381	1420.094	391.393	657.063	256.140	595.588	252.253	285.121
6/21/24 4:00 PM	85.612	435.579	1420.332	390.550	657.076	256.028	596.414	252.280	285.066
6/21/24 5:00 PM	85.690	435.684	1420.502	391.129	657.057	256.111	597.281	252.321	285.167
6/21/24 6:00 PM	85.760	435.824	1420.683	390.202	657.008	256.118	598.126	252.479	285.326
6/21/24 7:00 PM	85.739	435.839	1420.814	390.395	657.055	256.047	598.724	252.459	285.277
6/21/24 8:00 PM	85.044	435.694	1420.982	386.578	657.014	256.049	599.264	252.378	285.227
6/21/24 9:00 PM	83.697	435.484	1420.978	379.126	656.922	256.032	599.813	252.400	285.283
6/21/24 10:00 PM	83.624	435.239	1420.885	379.923	656.825	256.044	600.391	252.470	285.361
6/21/24 11:00 PM	83.880	435.050	1420.725	381.702	656.784	256.083	600.912	252.532	285.404
6/22/24 12:00 AM	83.919	435.074	1420.625	382.538	656.731	256.114	601.526	252.589	285.479
6/22/24 1:00 AM	83.768	435.272	1420.774	381.878	656.665	256.160	602.127	252.664	285.563
6/22/24 2:00 AM	82.934	435.312	1420.973	376.052	656.628	256.180	602.699	252.733	285.625
6/22/24 3:00 AM	82.795	435.162	1420.861	375.849	656.609	256.247	603.228	252.796	285.645
6/22/24 4:00 AM	82.614	434.958	1420.691	375.997	656.555	256.283	603.484	252.855	285.733
6/22/24 5:00 AM	82.500	434.793	1420.623	376.270	656.516	256.328	603.910	252.894	285.749

6/21 Evening Update	6/22 Morning Update
Site Observations: -None	Site Observations: -None
Operational Notes: -Central Lake sampling attached in observation reports.	Operational Notes: -None

Reported by Josh Bradley (Westlake)



Westlake

Date: 6-21-24

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: Swapped pumps to South pump

Date: 6-21-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	477.5
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1550.1
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	20.9	20.9		
	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	20.9		
	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	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
		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
		Morning	Afternoon		
	O2	20.9	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Time	Downhole Gauge #7 Brine Well
5am	1419.448
6am	1419.270
7am	1419.104
8am	1419.178
9am	1418.618
10am	1418.077
11am	1418.936
12pm	1419.188
1pm	1419.334
2pm	1419.594
3pm	1420.094
4pm	1420.332

Site 7 (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 8 (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 9 (#4 BW Pond)	(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 10 (Yellow rock #7)	(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 12 (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 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
		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
		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
		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
		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
		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
		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	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
		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		
	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		
	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		
	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

Signature:

LA

New Observation or comments?

H2O samples @ central

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:	6/21/24	Time:	9:03 am
Depth (ft):	5 ft 6		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.42	7.44	7.34
SC (uS/cm)	1154	1152	1207
ORP (mV)	64	44	-50
Temp (°C)	29.1	29.2	29.4
TDS (ppm)	810.2	808.6	848.2
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)			

Date: 6-21-24

Sulphur Field Observation Daily Report (Nights Shift)

7h Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1420.502	1420.683	1420.814	1420.932	1420.978	1420.885	1420.725	1420.625	1420.774	1420.973	1420.861	1420.651

Site 1 (E of #22 BW)	(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

7A Plugged Well Site	(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

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
H2S	0				0
PID (VOC)	0				0

Site 9 (H4 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

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	00				00
H2S	00				00
PH (VOC)	00				00

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	00				00
H2S	00				00
PH (VOC)	00				00

#27 Bubble site (Road 5 of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	00				00
H2S	00				00
PH (VOC)	00				00

#28 Bubble site (MM-2 500 Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.9
Methane	00				00
H2S	00				00
PH (VOC)	00				00

#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?

Signature: *Edie Chell*