

Westlake US 2 Daily Report

Date Reported: 11/23/2024

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)
11/22/24 5:00 AM	111.904	111.023	1415.982	543.268	639.454	270.123	274.330	272.006	313.734
11/22/24 6:00 AM	112.000	111.493	1416.094	543.403	639.443	270.265	274.453	272.097	313.811
11/22/24 7:00 AM	112.157	112.054	1416.302	542.981	639.413	270.387	274.539	272.305	314.080
11/22/24 8:00 AM	112.278	112.773	1416.484	542.356	639.442	270.574	274.667	272.700	314.188
11/22/24 9:00 AM	112.486	113.513	1416.617	541.230	639.494	270.798	274.856	272.674	314.429
11/22/24 10:00 AM	112.633	114.211	1416.727	541.017	639.564	270.982	274.976	272.509	314.555
11/22/24 11:00 AM	112.717	114.896	1416.795	540.449	639.621	271.141	275.141	272.420	314.622
11/22/24 12:00 PM	112.861	115.540	1416.835	540.517	639.687	271.256	275.343	272.227	314.674
11/22/24 1:00 PM	112.467	116.116	1416.878	538.386	639.744	271.392	275.517	272.083	314.717
11/22/24 2:00 PM	110.874	116.404	1416.695	532.041	639.806	271.487	275.723	271.955	314.784
11/22/24 3:00 PM	110.825	116.444	1416.505	532.253	639.839	271.589	275.856	272.192	314.877
11/22/24 4:00 PM	110.571	116.412	1416.346	533.124	639.861	271.661	275.852	272.949	315.120
11/22/24 5:00 PM	110.244	116.579	1416.212	533.238	639.858	271.634	275.738	272.944	314.985
11/22/24 6:00 PM	110.052	116.776	1416.082	533.319	639.774	271.614	275.778	272.929	315.038
11/22/24 7:00 PM	110.044	117.006	1415.950	533.630	639.688	271.672	275.851	272.942	315.105
11/22/24 8:00 PM	109.918	117.215	1415.831	533.827	639.620	271.727	275.950	272.998	315.180
11/22/24 9:00 PM	109.915	117.420	1415.724	534.523	639.562	271.785	276.023	273.057	315.271
11/22/24 10:00 PM	110.015	117.670	1415.651	535.130	639.540	271.848	276.108	273.129	315.331
11/22/24 11:00 PM	109.960	117.936	1415.584	535.593	639.485	271.920	276.184	273.183	315.387
11/23/24 12:00 AM	109.987	118.238	1415.535	536.052	639.458	271.980	276.256	273.238	315.448
11/23/24 1:00 AM	110.221	118.484	1415.508	537.335	639.438	272.039	276.329	273.292	315.507
11/23/24 2:00 AM	110.308	118.767	1415.511	537.475	639.425	272.112	276.380	273.363	315.613
11/23/24 3:00 AM	112.378	119.207	1415.639	546.211	639.380	272.182	276.439	273.421	315.683
11/23/24 4:00 AM	111.955	119.768	1415.900	543.243	639.371	272.242	276.487	273.472	315.745
11/23/24 5:00 AM	111.044	120.091	1415.886	539.088	639.322	272.294	276.556	273.517	315.794

Site Observations:

- ERM is onsite collecting (monthly) gas and water samples from Central Lake and sampling monitoring Wells.
- #7 investigation schedule attached. Sampling has been combined and updated to show that ERM will be on site to sample every third week of the month. Also moved the seismic monthly reporting end dates to the first week of the next month so that there is time for the report to be compiled.

Operational Notes:

- None

Containment Update:

Engineering/Testing:

- Well pad construction drawing received by Westlake. Westlake will start the bidding process for the well pad construction.
- Continue to work on Salt lake (area 1) alignment drawings.
- Well Levee (areas 4 & 5): continue drainage culvert design; preparing to issue for construction.
- Terracon is working on well pad pile design.
- Pelican to topo/investigate drainage around Finger Lakes.

Construction:

- Cutting rock from road in area 4 hauling to designated location. Proof roll area 4, Terracon witness.
- Cutting grade and slopes in area 3.
- Cutting grade and slopes in area 2.

Reported by Kevin LaVergne (Westlake)





Date: 11-22-24

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: 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: Nov. 22, 2024

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	0.00
Water Well #40	1695.6

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O ₂	21.0	21.0		
	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	21.0	21.0		
	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
		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)	0	0		

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)	0	0		

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)	0	0		

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)	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	21.0	21.0
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	21.0	21.0
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	21.0	21.0
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
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	Morning	Afternoon
O ₂	21.0	21.0
Methane	0	0
H ₂ s	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
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	Morning	Afternoon
O ₂	21.0	21.0
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
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	Morning	Afternoon
O ₂	21.0	21.0
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
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New Observation or comments?

H₂O samples e central

LA

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
02	20.9				20.7
Methane	0				0
H ₂ S	0				0
PID (VOC)	0				0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
021	20.9					20.7
Methane	00					00
H ₂ S	00					00
PH ₂ (VOC)	00					00

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.5					20.7
Methane	0					0
H2S	0					0
PID VOC1	0					0

Site 9 (H4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9					20.7
Methane	00					00
H2S	00					00
PHD VOC	00					00

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.7	20.7
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	20.7	20.7
O2						0	0
Methane						0	0
H2S						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	20.7	20.7
O2						0	0
Methane						0	0
H2S						0	0
PID (VOC)						0	0

#28 Bubble site (MMW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.7	20.7
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?	

Signature: *Edie Chellon*

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Cond -

Cond.

Cond

Central Lake Water Column Profile			
Sulphur Dome - Calcasieu Parish, Louisiana			
Date:	Nov. 22	Time:	9:00
Depth (ft):	5 ft.		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.45	7.39	7.35
SC (uS/cm)	2147	2095	2094
ORP (mV)	279	236	195
Temp (°C)	17.6	17.4	17.2
TDS (ppm)	1608	1559	1560
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)			