

Westlake US 2 Daily Report

Date Reported: 1/18/2025

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)
1/17/25 5:00 AM	107.624	423.769	1475.080	552.180	623.145	263.322	271.600	267.077	281.278
1/17/25 6:00 AM	107.578	423.803	1475.080	551.914	623.133	264.061	272.243	267.349	281.592
1/17/25 7:00 AM	107.424	423.798	1475.069	551.457	623.128	264.638	272.752	267.537	281.871
1/17/25 8:00 AM	107.371	423.792	1475.035	551.300	623.092	265.139	273.214	267.746	282.189
1/17/25 9:00 AM	107.347	423.867	1475.018	550.973	623.089	265.611	273.591	267.822	282.452
1/17/25 10:00 AM	107.193	423.976	1474.969	550.615	623.174	266.041	273.977	268.038	282.781
1/17/25 11:00 AM	106.970	423.915	1474.900	549.871	623.262	266.369	274.315	268.213	282.952
1/17/25 12:00 PM	106.790	423.894	1474.836	549.833	623.291	266.683	274.615	268.433	283.154
1/17/25 1:00 PM	107.045	423.801	1474.781	550.883	623.329	266.937	274.860	268.519	283.385
1/17/25 2:00 PM	106.754	423.545	1474.741	550.990	623.358	267.202	275.133	268.686	283.575
1/17/25 3:00 PM	106.730	423.734	1474.683	550.102	623.362	267.433	275.321	268.819	283.746
1/17/25 4:00 PM	106.657	423.711	1474.597	549.818	623.386	267.626	275.485	268.958	283.897
1/17/25 5:00 PM	106.524	423.612	1474.524	549.443	623.382	267.803	275.651	269.048	284.043
1/17/25 6:00 PM	106.341	423.462	1474.443	549.431	623.365	267.983	275.832	269.162	284.233
1/17/25 7:00 PM	106.253	423.314	1474.366	549.131	623.359	268.149	276.000	269.262	284.363
1/17/25 8:00 PM	106.524	423.307	1474.287	548.701	623.331	268.312	276.158	269.354	284.514
1/17/25 9:00 PM	106.446	423.246	1474.172	548.037	623.326	268.468	276.320	269.478	284.645
1/17/25 10:00 PM	106.153	423.121	1474.070	547.279	623.327	268.593	276.457	269.594	284.823
1/17/25 11:00 PM	106.091	423.013	1473.969	547.332	623.278	268.744	276.590	269.671	284.971
1/18/25 12:00 AM	106.082	422.922	1473.898	547.673	623.292	268.891	276.725	269.750	285.090
1/18/25 1:00 AM	106.265	422.858	1473.863	548.537	623.322	269.054	276.882	269.854	285.212
1/18/25 2:00 AM	105.921	422.819	1473.830	547.406	623.294	269.167	277.006	269.948	285.364
1/18/25 3:00 AM	105.621	422.853	1473.782	546.844	623.291	269.279	277.123	270.045	285.480
1/18/25 4:00 AM	105.566	422.829	1473.721	546.600	623.294	269.385	277.237	270.130	285.609
1/18/25 5:00 AM	105.546	422.775	1473.640	546.136	623.288	269.486	277.351	270.209	285.733

Site Observations:

-None

Operational Notes:

-Westlake is preparing for inclement weather starting from Monday night through Thursday. Power outages are possible so generators have been set up at our water wells and diesel injection pumps have been installed at #22 brine well to provide adequate brine for #7 injection.

-See attached gantt chart for overall investigation and containment project.

Containment Update:

Engineering/Testing:

-Core Well Pad- Recommendations for pile design have been submitted to Recon. Well pad construction is anticipated to be awarded and commence no later than beginning of February with expected completion by end of March.

-Southwest Levee (Area 3) – continue drainage culvert design

-Salt Lake (Area 1) – working on ditch improvement design

-Southeast Levee (Area 10)- goal is to issue plan and section drawings by end of the week

Construction:

Area 1 - Use trac-hoe to muck out ditch west of area 1 gate. Clear out area for surveying.

Reported by Josh Bradley (Westlake)





Date: 1-17-25

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:

- o 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: Jan. 17, 2025

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	1564.3
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	20.8	20.7		
	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	20.8	20.7		
	Methane	0	0		
	H ₂ s	0	0		
	PID (VOC)	0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 4 (Central Lake)					

	Morning	Afternoon
O ₂	20.8	20.7
Methane	0	0
H ₂ s	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
O ₂	20.8	20.7
Methane	0	0
H ₂ s	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
O ₂	20.8	20.7
Methane	0	0
H ₂ s	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
O ₂	20.8	20.7
Methane	0	0
H ₂ s	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	20.8	20.7
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	20.8	20.7
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	20.8	20.7
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	20.8	20.7
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
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	Morning	Afternoon
O ₂	20.8	20.7
Methane	0	0
H ₂ s	0	0
PID (VOC)	0	0

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O ₂	20.8	20.7
Methane	0	0
H ₂ s	0	0
PID (VOC)	0	0

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O ₂	20.8	20.7
Methane	0	0
H ₂ s	0	0
PID (VOC)	0	0

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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	Morning	Afternoon
O ₂	20.8	20.7
Methane	0	0
H ₂ s	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
O ₂	10.8	10.7
Methane	0	0
H ₂ S	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
O ₂	10.8	10.7
Methane	0	0
H ₂ S	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
O ₂	10.8	10.7
Methane	0	0
H ₂ S	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
O ₂	10.8	10.7
Methane	0	0
H ₂ S	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	20.8	20.7	
		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	20.8	20.7	
		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	20.8	20.7	
		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	10.8	10.7
Methane	0	0
H2s	3	3
PID (VOC)	3	3

#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	10.8	10.7
Methane	0	0
H2s	0	0
PID (VOC)	3	3

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

	Morning	Afternoon
O2	10.8	10.7
Methane	0	0
H2s	3	0
PID (VOC)	3	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

Conc -

Conc.

Conc

Date: Jun 17, 2025				Time: 9:45			
Depth (ft): 5 ft 5 in.							
		Top (Blue)		Middle (Yellow)		Bottom (Red)	
pH		7.98		7.93		7.84	
SC (uS/cm)		1820		1825		1812	
ORP (mV)		263		233		145	
Temp (°C)		11.9		11.5		12.3	
TDS (ppm)		1351		1350		1337	
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: 1-17-25

Sulphur Field Observation Daily Report (Nightshift)

Site 1 (E of H22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
O2	0						0	0
Acetylene	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
O2	0						0	0
Acetylene	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
O2	0						0	0
Acetylene	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

Site 9 (4a BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
O2	0						0	0
Acetylene	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

Site 19 (W4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
02	20.6						0	0
Methanol	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#75 Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
02	20.6						0	0
Methanol	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#27 Bubble site (road S of yellow rock shop)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
02	20.6						0	0
Methanol	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#22 Bubble site (NW-2 500' Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.6	20.6
02	20.6						0	0
Methanol	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

#7 Well Pad Site General Housekeeping	Check berms for leaks or oil/urine
	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: 