

Westlake US 2 Daily Report

Date Reported: 2/15/2025

Pressure Data:

Time	BW #7B Tubing Pressure (PSI)	BW #7B Casing Pressure (PSI)	BW #7B Downhole Pressure (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)
2/14/25 5:00 AM	104.507	417.173	1469.829	558.702	617.617	283.046	286.367	287.860	293.822
2/14/25 6:00 AM	104.731	417.256	1469.899	558.809	617.617	283.048	286.402	287.881	293.862
2/14/25 7:00 AM	104.865	417.367	1470.002	559.152	617.617	283.085	286.451	287.941	293.538
2/14/25 8:00 AM	104.851	417.524	1470.108	558.925	617.593	283.138	286.525	287.943	292.601
2/14/25 9:00 AM	104.852	417.738	1470.153	558.214	617.594	283.201	286.606	288.013	291.180
2/14/25 10:00 AM	105.069	417.829	1470.201	558.513	617.609	283.249	286.664	288.051	290.829
2/14/25 11:00 AM	105.149	417.975	1470.242	558.470	617.631	283.245	286.725	288.098	285.260
2/14/25 12:00 PM	105.237	418.035	1470.292	558.361	617.635	283.252	286.796	288.111	288.286
2/14/25 1:00 PM	105.499	418.219	1470.334	558.803	617.680	283.327	286.858	288.202	288.375
2/14/25 2:00 PM	105.548	418.365	1470.378	558.722	617.700	283.436	286.930	288.270	288.417
2/14/25 3:00 PM	105.807	418.460	1470.424	559.046	617.703	283.512	286.978	288.306	288.466
2/14/25 4:00 PM	105.744	418.505	1470.486	558.793	617.773	283.528	286.987	288.345	288.506
2/14/25 5:00 PM	105.872	418.542	1470.539	559.138	617.773	283.531	287.001	288.378	288.526
2/14/25 6:00 PM	105.962	418.571	1470.590	559.216	617.722	283.567	287.029	288.404	288.618
2/14/25 7:00 PM	106.091	418.646	1470.651	559.559	617.738	283.628	287.065	288.440	288.677
2/14/25 8:00 PM	106.164	418.727	1470.728	559.453	617.737	283.676	287.105	288.483	288.753
2/14/25 9:00 PM	106.220	418.799	1470.774	559.375	617.748	283.697	287.118	288.508	288.812
2/14/25 10:00 PM	106.334	418.896	1470.825	559.413	617.785	283.752	287.152	288.505	288.890
2/14/25 11:00 PM	106.404	418.973	1470.872	559.481	617.834	283.835	287.196	288.539	288.953
2/15/25 12:00 AM	106.575	419.076	1470.916	559.521	617.879	283.900	287.250	288.573	289.004
2/15/25 1:00 AM	106.719	419.190	1470.966	559.631	617.926	283.940	287.310	288.617	289.063
2/15/25 2:00 AM	106.787	419.261	1471.011	559.789	618.000	283.983	287.378	288.686	289.143
2/15/25 3:00 AM	106.835	419.356	1471.044	559.359	618.008	284.016	287.434	288.742	289.232
2/15/25 4:00 AM	106.921	419.457	1471.075	559.687	618.001	284.068	287.468	288.772	289.320
2/15/25 5:00 AM	107.014	419.536	1471.116	559.566	618.029	284.113	287.535	288.817	289.401

Site Observations:

-None

Operational Notes:

-None

Containment Update:

Engineering/Testing:

- Core Well Pad – Recon is continuing to work on pile design based on Nabors rig.
- Area 2 - Recon is working on outfall weir design and ditch improvement to Parish drainage lateral.
- Area 3 – updating construction drawings with culvert design
- Area 1 – working on ditch improvement design
- Area 10 – Recon is designing the outfall weir culvert sizing
- Area 7 - drawings issued for construction bids
- Area 6 - working on plan drawings
- Area 9 - Parish gravity drainage district is working with Finger Lake Estates property owner to address the proposed drainage changes on East side of the dome.

Construction:

- Area 4 & Well Pad- mulching brush & trees on south end of core well site.
- Area 3- Digging & sloping drain ditch

Reported by Josh Bradley (Westlake)





Date: 2-14-25

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 294 After 288

- 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: Feb. 14, 2025

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	459.51
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1623.5
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	21.0	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	21.0	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
		Morning	Afternoon		
	O ₂	21.0	20.9		
	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
		Morning	Afternoon		
	O ₂	21.0	20.9		
	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
		Morning	Afternoon		
	O ₂	21.0	20.9		
	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
		Morning	Afternoon		
	O ₂	21.0	20.9		
	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	21.0	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	21.0	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	21.0	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	21.0	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
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	Morning	Afternoon
O2	21.0	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
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	Morning	Afternoon
O2	21.0	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
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	Morning	Afternoon
O2	21.0	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
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	Morning	Afternoon
O2	21.0	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
O ₂	21.0	20.9
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	21.0	20.9
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	21.0	20.9
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	21.0	20.9
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
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	Morning	Afternoon
O2	21.0	20.9
Methane	0	0
H2s	3	2
PID (VOC)		

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	20.9
Methane	0	0
H2s	0	2
PID (VOC)		

#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	20.9
Methane	0	0
H2s	8	2
PID (VOC)		

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		

O2	21.0	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	21.0	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	21.0	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 & control

(LA)

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	2-14-25	Time:	12:30
Depth (ft):	5.9'		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.77	7.54	7.58
SC (uS/cm)	1884	1876	1878
ORP (mV)	161	84	61
Temp (°C)	14.3	15.2	15.2
TDS (ppm)	1393	1386	1388

Cond -

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

Cond.

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

Cond

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

Date: 2-14-25

Sulphur Field Observation Daily Report (Nights/Shift)

Site 1 (E of H22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.9
OX	21.0						0	0
Methane	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	21.0	20.8
OX	20.5						0	0
Methane	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	21.0	20.9
OX	21.0						0	0
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

Site 9 (1A BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.8
OX	21.0						0	0
Methane	0						0	0
H2S	0						0	0
PID (VOC)	0						0	0

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.8
O2						0	0
Methane						0	0
H2S						0	0
PIB (VOC)						0	0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.8
O2						0	0
Methane						0	0
H2S						0	0
PIB (VOC)						0	0

#7J Bubble site (Road 5 of Yellow rock strip)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.9
O2						0	0
Methane						0	0
H2S						0	0
PIB (VOC)						0	0

#7B Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.9
O2						0	0
Methane						0	0
H2S						0	0
PIB (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?	
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Signature	<i>[Signature]</i>
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