

Westlake US 2 Daily Report

Date Reported: 11/16/2024

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)
11/15/24 5:00 AM	109.142	283.248	1416.903	529.772	639.922	279.319	282.734	279.601	317.174
11/15/24 6:00 AM	108.616	283.473	1416.763	528.047	639.923	279.344	282.752	279.646	317.243
11/15/24 7:00 AM	106.697	283.537	1416.408	521.107	639.907	279.367	282.746	279.864	317.415
11/15/24 8:00 AM	102.663	284.955	1415.794	507.894	639.945	279.391	282.752	279.939	317.521
11/15/24 9:00 AM	106.568	284.666	1415.313	518.665	639.992	279.505	282.857	280.012	317.833
11/15/24 10:00 AM	106.583	284.709	1415.036	520.218	640.103	279.596	282.992	279.868	317.864
11/15/24 11:00 AM	106.616	285.005	1414.792	521.126	640.196	279.664	283.145	279.575	317.671
11/15/24 12:00 PM	105.738	285.436	1414.533	517.959	640.270	279.746	283.329	279.342	317.729
11/15/24 1:00 PM	104.922	285.636	1414.136	515.985	640.315	279.822	283.475	279.096	317.750
11/15/24 2:00 PM	106.836	285.970	1413.931	525.525	640.393	279.888	283.667	279.009	317.773
11/15/24 3:00 PM	109.693	286.611	1414.203	537.596	640.418	279.967	283.738	279.101	317.855
11/15/24 4:00 PM	110.335	287.179	1414.555	538.648	640.456	279.954	283.682	280.163	318.071
11/15/24 5:00 PM	110.038	287.520	1414.831	536.934	640.437	279.904	283.397	280.135	317.964
11/15/24 6:00 PM	109.614	287.802	1414.939	535.911	640.336	279.848	283.293	280.122	317.995
11/15/24 7:00 PM	110.494	288.431	1415.209	538.873	640.242	279.859	283.322	280.128	318.068
11/15/24 8:00 PM	110.489	289.027	1415.434	537.515	640.171	279.883	283.342	280.142	318.110
11/15/24 9:00 PM	110.359	289.523	1415.577	536.322	640.115	279.934	283.376	280.189	318.149
11/15/24 10:00 PM	110.356	290.009	1415.679	536.278	640.081	279.972	283.408	280.237	318.199
11/15/24 11:00 PM	110.167	290.427	1415.750	535.575	640.045	279.992	283.442	280.295	318.266
11/16/24 12:00 AM	110.197	290.864	1415.800	535.276	640.012	280.015	283.490	280.318	318.322
11/16/24 1:00 AM	110.286	291.301	1415.858	535.440	640.003	280.069	283.521	280.372	318.388
11/16/24 2:00 AM	108.249	291.595	1415.746	526.903	639.991	280.091	283.546	280.429	318.459
11/16/24 3:00 AM	108.251	291.821	1415.556	527.559	639.941	280.150	283.579	280.474	318.509
11/16/24 4:00 AM	108.046	292.062	1415.397	527.616	639.943	280.176	283.608	280.510	318.599

Site Observations:

- Collected water samples from Central pond

Operational Notes:

- None.

Containment Update:

Engineering/Testing:

- Well Levee (areas 4 & 5): continue drainage culvert design; preparing to issue for construction.
- Terracon is on site this week to perform CPT testing for the core well pad and for marsh buggy borings for containment design.
- Pelican to topo/investigate drainage around Finger Lakes.
- See attached containment schedule with engineering and construction combined.

Construction:

- Spreading dirt and rolling 4th lift in area 3 on the east end
- Spreading dirt and rolling 1st lift on east west run in area 2
- Cut ditch to drain east side of area 4 & 5 south of brine well 7





Date: 11/15/24

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: 11-15-24

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	1683.5
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		
		o2 21.1	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 21.1	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		
	O ₂	21.1	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	21.1	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	21.1	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	21.1	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
		Morning	Afternoon		
		O ₂ 21.1	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
		Morning	Afternoon		
		O ₂ 21.1	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
		Morning	Afternoon		
		O ₂ 21.1	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
		Morning	Afternoon		
		O ₂ 21.1	20.9		
		Methane 0	0		
		H ₂ s 0	0		
		PID (VOC) 0	0		

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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 @ central

(LA)

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:	11-15-24	Time:	7:30 am
Depth (ft):	5 ft. 3		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.29	7.25	7.19
SC (uS/cm)	2041	2032	2067
ORP (mV)	141	97	84
Temp (°C)	19.4	19.9	20.0
TDS (ppm)	1514	1511	1534
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: 11/15/24

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
O ₂	21.0				20.9
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
O ₂	21.0				20.8
Methane	0				0
H ₂ S	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	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
O ₂	21.0				20.8
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	20.8	20.9
O2	21.0					0	0
Methane	0					0	0
H2S	0					0	0
PID (VOC)	0					0	0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.8	20.9
O2	21.0					0	0
Methane	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	20.8	20.9
O2	21.0					0	0
Methane	0					0	0
H2S	0					0	0
PID (VOC)	0					0	0

#28 Bubble site (MW-2 500' well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.8	20.9
O2	20.9					0	0
Methane	0					0	0
H2S	0					0	0
PID (VOC)	0					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:	M.E.
------------	------