

Westlake US 2 Daily Report

Date Reported: 12/28/2024

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)
12/27/24 5:00 AM	94.776	413.227	1400.290	536.467	633.384	294.413	299.904	294.917	356.627
12/27/24 6:00 AM	97.390	414.038	1401.187	543.919	633.340	294.449	299.997	294.962	356.649
12/27/24 7:00 AM	82.378	414.479	1401.577	441.310	633.298	294.488	300.077	294.982	356.707
12/27/24 8:00 AM	37.224	406.405	1393.591	192.822	633.234	294.489	300.019	295.062	356.822
12/27/24 9:00 AM	78.572	402.977	1389.916	480.529	633.129	294.506	299.913	295.301	357.030
12/27/24 10:00 AM	90.918	406.285	1392.923	550.631	633.127	294.608	300.001	295.323	357.311
12/27/24 11:00 AM	91.876	408.384	1394.896	545.292	633.202	294.710	300.099	295.142	357.247
12/27/24 12:00 PM	92.692	410.025	1396.354	542.235	633.209	294.754	300.175	295.071	357.201
12/27/24 1:00 PM	94.104	411.387	1397.634	541.858	633.265	294.828	300.324	294.936	357.199
12/27/24 2:00 PM	97.737	412.970	1399.097	552.339	633.304	294.872	300.385	294.909	357.260
12/27/24 3:00 PM	98.739	414.347	1400.478	550.062	633.326	294.892	300.464	294.993	357.309
12/27/24 4:00 PM	99.544	415.398	1401.743	548.550	633.310	294.891	300.426	295.357	357.434
12/27/24 5:00 PM	99.910	416.397	1402.972	546.993	633.300	294.866	300.330	295.289	357.362
12/27/24 6:00 PM	100.479	417.500	1404.105	543.282	633.232	294.848	300.296	295.273	357.363
12/27/24 7:00 PM	100.462	418.237	1404.987	540.877	633.154	294.859	300.333	295.288	357.385
12/27/24 8:00 PM	100.544	418.959	1405.650	538.458	633.097	294.890	300.364	295.309	357.437
12/27/24 9:00 PM	101.293	419.530	1406.253	536.795	633.040	294.899	300.388	295.349	357.465
12/27/24 10:00 PM	100.989	419.901	1406.775	534.460	633.040	294.944	300.420	295.383	357.521
12/27/24 11:00 PM	101.070	420.524	1407.292	532.409	632.976	294.958	300.467	295.403	357.579
12/28/24 12:00 AM	101.436	421.008	1407.688	531.252	632.989	295.001	300.501	295.437	357.636
12/28/24 1:00 AM	101.269	421.127	1407.978	530.574	632.967	295.046	300.566	295.463	357.700
12/28/24 2:00 AM	101.363	421.565	1408.265	529.195	632.933	295.083	300.592	295.509	357.763
12/28/24 3:00 AM	101.752	421.714	1408.509	529.713	632.925	295.117	300.637	295.542	357.817
12/28/24 4:00 AM	102.116	422.120	1408.750	528.594	632.895	295.116	300.665	295.568	357.870

Site Observations:

- Collected weekly water samples from Central Lake.

Operational Notes:

- Downhole pressure drop was due to pump issues. A new pump is onsite.

Containment Update:

Engineering/Testing:

- Core Well pad – working pier options with Terracon, all borings completed. Westlake will award contractor for well pad by end of year and start construction after the holidays.
- Southwest Levee (Area 3) – working on culvert design and valve selection.
- Well Levee (area 1) – working on culvert design and valve selection
- Salt Lake (Area 1) – preparing alignment drawings
- Investigating drainage around finger lakes

Construction:

- Area 2/3 – Added and spread rock at ramp for board run.
- Area 2 – Staged temporary fence panels to use for entrance on south side of existing gate.
- Area 2/3 – Cleaned mud off roads.
- Site was still wet from previous heavy rains.

Reported by Randy Broussard (Westlake)





Date: 12/27/24

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

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:	12-17-24	Time: 12:15	
Depth (ft):	5ft 5		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.86	7.65	7.73
SC (uS/cm)	2119	2134	2129
ORP (mV)	209	108	111
Temp (°C)	21.4	21.2	20.3
TDS (ppm)	1582	1581	1574
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: 12/17/24

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	0.00
Water Well #40	1666.4

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O ₂		20.7	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		20.7	20.7		
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	20.7	20.7		
	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	20.7	20.7		
	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	20.7	20.7		
	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	20.7	20.7		
	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 70.7	70.7		
		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 70.7	70.7		
		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 70.7	70.7		
		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 70.7	70.7		
		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	20.7	20.7		
	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	20.7	20.7		
	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	20.7	20.7		
	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	20.7	20.7		
	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 20.7	20.7		
		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 20.7	20.7		
		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 20.7	20.7		
		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 20.7	20.7		
		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	20.7	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
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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	20.7	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
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	Morning	Afternoon
O2	20.7	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		20.7	20.7		
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		20.7	20.7		
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		20.7	20.7		
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

Date: 12/27/24

Sulphur Field Observation Daily Report (Nights/Shift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	20.6				20.5
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
02	20.6				20.5
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
02	20.5				20.5
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
02	20.6				20.5
Methane	0				0
H2S	0				0
PID (VOC)	0				0

Site 19 (41 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Oil	20.6				20.5
Methane	0				0
H2s	0				0
PID (VOC)	0				0

#76 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Oil	20.6				20.5
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
Oil	20.5				20.5
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
Oil	20.5				20.5
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?	
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Signature	M.E.
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