

Westlake US 2 Daily Report

Date Reported: 12/15/2024

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)
12/14/24 5:00 AM	113.058	324.189	1416.353	553.770	635.387	284.212	289.330	284.870	340.069
12/14/24 6:00 AM	112.936	324.538	1416.347	553.964	635.385	284.260	289.367	284.904	340.119
12/14/24 7:00 AM	112.894	324.855	1416.335	553.966	635.368	284.300	289.432	284.955	340.195
12/14/24 8:00 AM	112.867	325.249	1416.329	554.266	635.392	284.385	289.473	285.076	340.329
12/14/24 9:00 AM	113.100	325.961	1416.338	554.535	635.418	284.434	289.578	285.020	340.400
12/14/24 10:00 AM	113.207	326.612	1416.359	554.581	635.442	284.494	289.664	285.035	340.465
12/14/24 11:00 AM	113.270	327.237	1416.366	554.953	635.470	284.575	289.697	284.997	340.579
12/14/24 12:00 PM	113.096	327.838	1416.366	554.325	635.513	284.629	289.718	285.074	340.640
12/14/24 1:00 PM	112.977	328.284	1416.324	553.573	635.544	284.657	289.820	285.137	340.723
12/14/24 2:00 PM	112.543	328.542	1416.255	552.279	635.554	284.669	289.793	285.194	340.757
12/14/24 3:00 PM	112.051	328.800	1416.156	550.845	635.547	284.681	289.807	285.223	340.797
12/14/24 4:00 PM	111.846	329.024	1416.014	549.206	635.533	284.709	289.834	285.262	340.848
12/14/24 5:00 PM	111.674	329.152	1415.817	547.098	635.499	284.721	289.843	285.274	340.896
12/14/24 6:00 PM	111.394	329.336	1415.626	546.686	635.513	284.747	289.867	285.308	340.935
12/14/24 7:00 PM	111.222	329.613	1415.431	547.011	635.469	284.779	289.907	285.324	340.998
12/14/24 8:00 PM	111.219	329.864	1415.282	547.433	635.463	284.807	289.945	285.342	341.061
12/14/24 9:00 PM	111.176	330.266	1415.143	547.935	635.456	284.829	289.993	285.389	341.126
12/14/24 10:00 PM	111.550	330.520	1415.058	549.596	635.461	284.839	290.003	285.430	341.154
12/14/24 11:00 PM	111.763	330.984	1415.016	550.687	635.397	284.887	290.049	285.462	341.208
12/15/24 12:00 AM	111.847	331.398	1414.990	551.573	635.422	284.914	290.069	285.515	341.265
12/15/24 1:00 AM	111.862	331.858	1414.972	551.437	635.391	284.961	290.110	285.537	341.335
12/15/24 2:00 AM	111.797	332.329	1414.947	551.247	635.397	284.970	290.138	285.583	341.367
12/15/24 3:00 AM	111.740	332.807	1414.920	551.236	635.388	285.009	290.182	285.599	341.413
12/15/24 4:00 AM	111.820	333.245	1414.906	551.457	635.357	285.034	290.215	285.657	341.488

Site Observations:

- None

Operational Notes:

- Westlake has identified a nitrogen leak within the geophone hanger assembly of PPG 20. In order to remediate, the cavern pressure will need to be bled down to achieve a zero-wellhead ressure. Westlake is initiating this process today. It will take some days to get the pressure bled down, and then what we believe will be a relatively straight forward remediation of the hanger will be performed.

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- Push dirt with dozer to build ramp over road on south end of Area 2.
- Area 3- Load and haul spoils from south side of Area 3 drainage trenching.

Reported by Randy Broussard (Westlake)





Date: 12/14/24

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: 12.14.24

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	1670.4
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	20.8		
	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	20.7	20.7		
	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	20.8	20.8		
	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	20.7	20.7		
	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	20.8	20.8		
	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
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	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
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	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
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	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
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	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	20.8	20.8		
	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	20.8	20.8		
	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	20.8	20.8		
	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	20.8	20.8		
	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	20.8	20.8		
		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
		Methane	N/A
		H2s	N/A
PID (VOC)	N/A		

#7B Wellhead Cellar	(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		

#7A Plugged Well Site	(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		

#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	20.8	20.8		
	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	20.8	20.8		
	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

L.J.

New Observation or comments?

Date:

12/14/24

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
Q1	20.5				20.5
Q2	0				0
Q3	0				0
PID (VOC)	0				0
20.8					0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Q1	20.5				20.5
Q2	0				0
Q3	0				0
PID (VOC)	0				0
20.5					0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Q1	20.6				20.5
Q2	0				0
Q3	0				0
PID (VOC)	0				0
20.5					0

Site 9 (H4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Q1	20.5				20.5
Q2	0				0
Q3	0				0
PID (VOC)	0				0
20.6					0

Site 25 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity
O2	20.5				20.5
Methane	0				0
H2S	0				0
pH (VOC)	0				0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity
O2	20.5				20.5
Methane	0				0
H2S	0				0
pH (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
O2	20.6				20.5
Methane	0				0
H2S	0				0
pH (VOC)	0				0

#28 Bubble site (NW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling, no change in intensity
O2	20.6				20.5
Methane	0				0
H2S	0				0
pH (VOC)	0				0

#7 Well Pad Site General Housekeeping	Check Berms for leaks or oil/brine
	Check boxes at earth excavation from retrieval pad no to piping the in
	Check cellar for oil
	Check Wellhead for leaks

New Observation, intensity changes, or comments?	
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Signature	W. E.
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