

Westlake US 2 Daily Report

Date Reported: 8/28/2024

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)
8/27/24 5:00 AM	99.254	430.210	1416.558	495.142	641.586	795.610	905.180	-1.146	-1.681
8/27/24 6:00 AM	100.269	430.380	1416.629	491.502	641.541	796.454	906.275	-1.132	-1.678
8/27/24 7:00 AM	100.559	430.388	1416.660	491.569	641.573	797.252	907.160	-1.129	-1.650
8/27/24 8:00 AM	111.400	431.122	1417.307	537.564	641.570	798.160	908.387	-1.066	-1.561
8/27/24 9:00 AM	103.548	432.389	1418.454	494.949	641.640	799.138	909.936	-0.856	-1.366
8/27/24 10:00 AM	98.298	431.843	1417.671	474.655	641.688	800.230	911.482	-0.667	-1.301
8/27/24 11:00 AM	98.267	431.410	1417.096	476.605	641.777	801.347	912.827	-0.637	44.949
8/27/24 12:00 PM	97.861	431.077	1416.646	478.116	641.823	802.391	914.051	-0.731	172.005
8/27/24 1:00 PM	97.847	430.542	1416.352	479.689	641.851	788.516	884.521	-1.001	172.968
8/27/24 2:00 PM	97.719	430.216	1416.142	480.384	641.797	701.166	705.073	-1.076	174.163
8/27/24 3:00 PM	97.782	429.970	1415.975	481.403	641.841	702.375	706.164	-1.192	175.413
8/27/24 4:00 PM	88.831	429.308	1415.318	438.112	641.783	703.299	707.096	-1.219	171.862
8/27/24 5:00 PM	81.439	427.054	1413.031	412.229	641.764	703.936	707.755	-1.201	169.550
8/27/24 6:00 PM	81.197	425.333	1411.213	421.194	641.752	704.573	708.496	-1.166	170.189
8/27/24 7:00 PM	81.620	424.096	1409.915	430.407	641.749	705.174	709.084	-1.198	171.286
8/27/24 8:00 PM	89.277	423.454	1409.469	472.700	641.742	705.651	709.521	-1.276	170.832
8/27/24 9:00 PM	92.317	423.957	1410.039	485.524	641.693	706.144	710.002	-1.292	171.349
8/27/24 10:00 PM	92.576	424.354	1410.449	485.570	641.638	706.621	710.517	-1.267	171.982
8/27/24 11:00 PM	93.199	424.658	1410.777	486.193	641.622	707.102	711.039	-1.243	172.544
8/28/24 12:00 AM	93.517	424.929	1411.071	486.969	641.627	707.604	711.535	-1.219	173.115
8/28/24 1:00 AM	93.668	425.135	1411.320	486.878	641.604	708.079	712.001	-1.239	173.867
8/28/24 2:00 AM	93.962	425.382	1411.542	487.089	641.578	708.537	712.480	-1.241	174.587
8/28/24 3:00 AM	94.185	425.546	1411.728	486.963	641.559	709.002	712.949	-1.208	175.236
8/28/24 4:00 AM	94.356	425.719	1411.903	486.894	641.555	709.456	713.414	-1.192	175.964
8/28/24 5:00 AM	95.370	425.888	1412.096	491.865	641.567	709.938	713.874	-1.189	177.608
8/28/24 6:00 AM	96.373	426.231	1412.491	496.268	641.567	710.468	714.425	-1.218	179.152

Site Observations:

-None

Operational Notes:

-PPG 4 workover/MIT: workover and sonar complete, continuing to pre-pressure cavern for MIT.

-Bled gas from PPG #2

Containment Update:

Engineering/Testing:

Recon continues to analyze soil samples.

Recon continuing on monitoring well pad engineering.

Recon finalizing plan for interior levee design and schedule.

ERM is working on process water plant design specifications.

Terracon continuing to receive soil samples from proposed levee locations

Engineering working GPR in areas before start of construction on interior levee

Meeting today to discuss updating LDEQ discharge permit for the containment levee.

Reported by Josh Bradley (Westlake)



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Construction:

R&R is installing wattle along the West side of Salt Lake

R&R finished clearing the monitoring well pad area.

Boxes brought in to maintain site housekeeping throughout the project.

R&R dug trenches to verify boring results along the interior portion of the levee. Path forward has been determined from this process.

R&R to begin interior levee work upon receipt of materials.

Identifying suitable dirt pits in prep to start raising elevation of interior levee





Date: 8/27/24

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: 915 After: 704

- Miscellaneous Comments:

Date: 8.27.24

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	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9			21.0
		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	20.9			21.0
		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	20.9			21.0
		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	20.9			21.0
		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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.0		
	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	20.9	21.6
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	20.9	21.0
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	20.9	21.0
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	20.9	21.0
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	20.9	21.0
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	20.9	21.0
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?

Date: 8/27/24

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				21.0
Methane	0				0
H ₂ S	0				0
PID (NOCL)	0				0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	21.0				21.0
Methane	0				0
H ₂ S	0				0
PID (NOCL)	0				0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.9				21.0
Methane	0				0
H ₂ S	0				0
PID (NOCL)	0				0

Site 9 (44 BW Pond)	(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 (NOCL)	0				0

Site 19 (46 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O ₂		21.0				0	0
Methane		0				0	0
H ₂ S		0				0	0
PID (VOC)		0				0	0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	21.0	20.9
O ₂		21.0				0	0
Methane		0				0	0
H ₂ S		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	21.0	20.9
O ₂		21.0				0	0
Methane		0				0	0
H ₂ S		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	21.0	20.9
O ₂		20.9				0	0
Methane		0				0	0
H ₂ S		0				0	0
PID (VOC)		0				0	0

#7 Well Pad Site General Housekeeping	Check Burms for leaks or oil/brine
	Check hoses at each connection from rental burner to piping tie-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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