

Westlake US 2 Daily Report

Date Reported: 9/22/2024

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)
9/21/24 5:00 AM	99.655	426.317	1413.648	516.286	644.282	276.125	274.432	278.929	282.252
9/21/24 6:00 AM	99.590	426.252	1413.612	516.133	644.239	276.176	274.458	278.982	282.337
9/21/24 7:00 AM	100.263	426.244	1413.600	518.021	644.255	276.201	274.423	279.068	282.415
9/21/24 8:00 AM	101.780	426.494	1413.802	512.486	644.258	276.274	274.532	279.121	282.563
9/21/24 9:00 AM	101.813	426.938	1413.986	504.190	644.300	276.399	274.737	279.653	283.090
9/21/24 10:00 AM	101.792	427.285	1414.106	509.459	644.346	276.531	274.886	279.846	283.249
9/21/24 11:00 AM	101.781	427.626	1414.175	518.188	644.458	276.649	274.978	279.897	283.279
9/21/24 12:00 PM	101.745	427.878	1414.268	517.893	644.472	276.704	274.952	279.583	283.190
9/21/24 1:00 PM	101.908	428.143	1414.359	517.913	644.516	276.806	275.156	279.690	283.278
9/21/24 2:00 PM	102.552	428.314	1414.467	518.796	644.565	276.930	275.402	279.225	283.339
9/21/24 3:00 PM	102.718	428.375	1414.537	518.544	644.613	277.024	275.646	278.785	275.484
9/21/24 4:00 PM	102.851	428.443	1414.608	519.385	644.655	277.021	275.625	279.005	281.435
9/21/24 5:00 PM	102.981	428.419	1414.717	520.267	644.661	276.964	275.470	279.151	282.899
9/21/24 6:00 PM	103.266	428.346	1414.863	517.835	644.630	276.925	275.250	279.741	283.058
9/21/24 7:00 PM	103.396	428.219	1415.015	509.438	644.560	276.870	275.004	279.849	283.097
9/21/24 8:00 PM	103.519	428.240	1415.200	509.033	644.500	276.862	274.984	279.855	283.181
9/21/24 9:00 PM	103.430	428.267	1415.354	510.184	644.466	276.883	275.014	279.916	283.251
9/21/24 10:00 PM	103.343	428.322	1415.477	516.329	644.428	276.898	275.037	280.000	283.324
9/21/24 11:00 PM	103.368	428.374	1415.577	522.460	644.416	276.929	275.081	280.045	283.386
9/22/24 12:00 AM	103.462	428.390	1415.652	522.789	644.427	276.952	275.109	280.112	283.452
9/22/24 1:00 AM	103.611	428.485	1415.744	522.917	644.414	276.968	275.135	280.173	283.502
9/22/24 2:00 AM	103.483	428.533	1415.797	522.396	644.377	277.027	275.146	280.235	283.561
9/22/24 3:00 AM	103.505	428.569	1415.856	522.412	644.373	277.037	275.189	280.301	283.642
9/22/24 4:00 AM	103.560	428.595	1415.913	522.878	644.362	277.074	275.227	280.376	283.705

Site Observations:

-None

Operational Notes:

-None

Containment Update:

Engineering/Testing:

Recon continues to analyze soil samples
Recon continuing on monitoring well pad engineering.
ERM is working on process water plant design specifications.
Terracon continuing to receive soil samples from proposed levee locations
Engineering working probing plan for sheet pile work
Finalizing engineering package to begin work on South West portion of the containment.
Continuing to work plans for water treatment area once containment is finished
Soil samples received for North side, determining path forward for engineered berm.

Construction:

R&R to begin interior levee work upon receipt of materials. Probing will need to be done prior to install.
Probing plans expected completion 9/20
R&R has started to clear the east side of the levee
Maintaining the wattle that was laid on the North and West side of the levee
Continuing to work daily inspections and repairing any areas that have been damaged.

Reported by Randy Broussard (Westlake)





Date: 9/24/24

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: Sulphur Brine or Starks Brine (Circle One)

- Brine Well #7:

- o 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: 9-21-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	419.5
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1358.4
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 21.0	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 21.0	21.0		
		Methane	0	0	
		H ₂ s	0	0	
		PID (VOC)	0	0	

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O ₂	21.0	21.0		
	Methane	0	0		
	H ₂ s	0	0		
	PID (VOC)	0	0		

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O ₂	21.0	21.0		
	Methane	0	0		
	H ₂ s	0	0		
	PID (VOC)	0	0		

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O ₂	21.0	21.0		
	Methane	0	0		
	H ₂ s	0	0		
	PID (VOC)	0	0		

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O ₂	21.0	21.0		
	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		
	O2	21.0	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	21.0	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	21.0	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	21.0	21.0		
	Methane	0	0		
	H2s	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	21.0	21.0		
	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	21.0	21.0		
	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	21.0	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	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	21.0	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	21.0	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	21.0	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	21.0	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	21.0	21.0		
	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	21.0	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	21.0	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
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	Morning	Afternoon
O2	21.0	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
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	Morning	Afternoon
O2	21.0	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
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	Morning	Afternoon
O2	21.0	21.0
Methane	0	0
H2s	0	0
PID (VOC)	0	0

#7 Well Pad Site General Housekeeping	<input checked="" type="checkbox"/>	Check Berms for leaks or oil/brine
	<input checked="" type="checkbox"/>	Check hoses at each connection from rental pump to piping tie-in
	<input checked="" type="checkbox"/>	Check cellar for oil
	<input checked="" type="checkbox"/>	Check Wellhead for leaks

New Observation or comments?		LA

Sulphur Field Observation Daily Report (Nightshift)

Date: 9/21/24

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.8				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	20.8				20.9
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	20.9				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	20.8				20.9
Methane	0				0
H ₂ S	0				0
PID (VOC)	0				0

Site 19 (44 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.8				20.9
Methane	0				0
H ₂ S	0				0
PID (VOC)	0				0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.8				20.9
Methane	0				0
H ₂ S	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
O ₂	20.9				20.9
Methane	0				0
H ₂ S	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
O ₂	20.9				20.9
Methane	0				0
H ₂ S	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				
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New Observation, intensity changes, or comments?	
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Signature	M. C.
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