

Westlake US 2 Daily Report

Date Reported: 8/31/2024

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)
8/30/24 5:00 AM	95.253	426.803	1414.082	486.783	641.578	732.596	735.838	-1.174	219.896
8/30/24 6:00 AM	94.113	426.540	1413.875	482.346	641.605	732.577	735.773	-1.180	219.910
8/30/24 7:00 AM	95.665	426.726	1413.775	489.108	641.603	732.511	735.743	-1.167	219.959
8/30/24 8:00 AM	97.624	427.148	1414.018	497.373	641.563	732.417	735.722	-1.168	219.970
8/30/24 9:00 AM	97.904	427.305	1414.275	498.542	641.596	732.391	735.694	-1.155	48.219
8/30/24 10:00 AM	98.304	427.613	1414.521	498.851	641.598	732.397	735.682	-1.172	-0.105
8/30/24 11:00 AM	98.619	427.977	1414.752	499.104	641.615	732.416	735.652	-1.138	-0.093
8/30/24 12:00 PM	98.891	428.205	1414.972	499.428	641.620	732.364	735.599	-1.180	-0.170
8/30/24 1:00 PM	97.675	428.273	1415.085	493.114	641.627	732.342	735.570	-1.169	-0.118
8/30/24 2:00 PM	94.980	428.127	1414.859	481.358	641.643	732.484	735.694	-1.155	171.388
8/30/24 3:00 PM	94.309	427.764	1414.418	480.055	641.645	733.593	736.692	-1.197	234.378
8/30/24 4:00 PM	95.242	427.398	1414.142	486.547	641.611	734.741	737.729	-1.202	229.813
8/30/24 5:00 PM	97.283	427.451	1414.248	495.063	641.643	734.863	737.820	-1.187	222.366
8/30/24 6:00 PM	99.036	427.834	1414.536	502.004	641.645	734.795	737.726	-1.141	221.885
8/30/24 7:00 PM	98.997	428.129	1414.818	500.649	641.627	734.760	737.690	-1.170	222.592
8/30/24 8:00 PM	98.997	428.274	1415.032	500.017	641.611	734.696	737.660	-1.187	223.162
8/30/24 9:00 PM	98.980	428.392	1415.200	499.286	641.628	734.665	737.529	-1.184	223.571
8/30/24 10:00 PM	99.065	428.557	1415.339	499.082	641.630	734.648	737.479	-1.184	223.877
8/30/24 11:00 PM	99.264	428.653	1415.469	499.374	641.639	734.613	737.432	-1.170	224.143
8/31/24 12:00 AM	99.530	428.746	1415.595	499.744	641.638	734.602	737.410	-1.167	224.367
8/31/24 1:00 AM	99.779	428.865	1415.722	500.548	641.629	734.590	737.390	-1.174	224.574
8/31/24 2:00 AM	100.144	428.942	1415.880	501.878	641.624	734.522	737.370	-1.162	224.735
8/31/24 3:00 AM	100.490	429.025	1416.064	502.971	641.608	734.469	737.323	-1.159	224.915
8/31/24 4:00 AM	100.632	429.242	1416.250	502.625	641.610	734.449	737.299	-1.147	225.046
8/31/24 5:00 AM	100.786	429.354	1416.447	502.684	641.641	734.474	737.255	-0.963	225.178

Site Observations:

None. Yesterday's Observation Report is attached.

Operational Notes:

-PPG 4 workover/MIT: workover and sonar complete, continuing to pre-pressure cavern for MIT. Plan to start the MIT activities on 9/3.

Containment Update:

Containment Update:

Engineering/Testing:

Recon continues to analyze soil samples.

Recon continuing on monitoring well pad engineering.

Recon finalizing plan for interior levee design

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

Verifying minimum thickness for sheet piles

Plan complete to clear east side of 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

Prepping to clear east side of levee





Date: 8-30-24

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: Aug. 30, 2024

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	307.7
Water Well #12	
Water Well #13	0.00
Water Well #19	1290.3
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	20.9		
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		20.8	20.9		
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	20.4	20.4		
	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	20.8	20.9		
	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	20.8	20.9		
	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	20.8	20.9		
	Methane	0	0		
	H2s	0	0		
PID (VOC)	0	0			

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.8	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.8	20.9		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.8	20.9		
	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	20.8	20.9		
	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	20.8	20.9		
	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	20.8	20.9		
	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	20.8	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	20.8	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	20.8	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	20.8	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	20.8	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
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	Morning	Afternoon
O2	20.8	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
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	Morning	Afternoon
O2	20.8	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
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	Morning	Afternoon
O2	20.8	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 noses 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

Date:	8/30/24	Time:	12:45
Depth (ft):	15 ft. 3		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.37	7.36	7.28
SC (uS/cm)	1592	1600	1612
ORP (mV)	90	30	51
Temp (°C)	27.5	27.8	27.7
TDS (ppm)	1144	1144	1156

Cond -

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond.

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Date: 8-30-24

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		
Q2	20.7					20.8	
methane	0					0	
H2S	0					0	
PIG NOCI	0					0	

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
Q2	20.7					20.8	20.8
methane	0					0	0
H2S	0					0	0
PIG NOCI	0					0	0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
Q2	20.7					20.8	20.8
methane	0					0	0
H2S	0					0	0
PIG NOCI	0					0	0

Site 9 (4A BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
Q2	20.7					20.8	20.8
methane	0					0	0
H2S	0					0	0
PIG NOCI	0					0	0

Site 19 (4th BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.7					20.8
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	20.7					20.8
Methane	0					0
H2S	0					0
pH (VOC)	0					0

#27 Bubble site (Road 5 of Yellow rock strip)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.7					20.8
Methane	0					0
H2S	0					0
pH (VOC)	0					0

#28 Bubble site (MM-2 500' Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.7					20.8
Methane	0					0
H2S	0					0
pH (VOC)	0					0

#7 Well Pad Site General Housekeeping	Check Berms for leaks or oil/grease Check hoses at each connection from rental pump to dipping the in Check cellar for oil Check wellhead for leaks
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New Observation, intensity changes, or comments?	
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Signature: *Eldi Vall*