

Westlake US 2 Daily Report

Date Reported: 11/9/2024

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)
11/8/24 5:00 AM	109.386	210.542	1414.948	540.457	640.352	283.365	287.262	283.485	318.367
11/8/24 6:00 AM	108.729	210.999	1414.976	537.983	640.353	283.423	287.305	283.528	318.424
11/8/24 7:00 AM	108.431	211.394	1414.951	536.880	640.366	283.440	287.324	283.566	318.521
11/8/24 8:00 AM	108.651	211.849	1414.929	539.463	640.363	282.830	286.130	252.197	316.192
11/8/24 9:00 AM	109.537	212.557	1415.023	540.497	640.375	279.959	283.167	231.156	310.721
11/8/24 10:00 AM	108.748	213.124	1415.013	535.650	640.430	277.650	280.846	256.840	308.048
11/8/24 11:00 AM	108.366	213.554	1414.947	536.365	640.421	277.692	280.884	274.569	308.688
11/8/24 12:00 PM	108.926	214.114	1414.901	537.966	640.434	277.868	281.078	275.170	309.363
11/8/24 1:00 PM	108.524	214.687	1414.862	534.647	640.496	278.028	281.266	275.750	309.779
11/8/24 2:00 PM	108.213	214.977	1414.789	535.264	640.499	278.105	281.296	276.113	310.141
11/8/24 3:00 PM	108.194	215.147	1414.759	537.318	640.538	278.140	281.361	276.359	310.341
11/8/24 4:00 PM	108.260	215.410	1414.720	536.711	640.506	278.214	281.394	276.592	310.633
11/8/24 5:00 PM	108.464	215.821	1414.732	536.907	640.482	278.296	281.481	276.853	310.814
11/8/24 6:00 PM	108.607	216.164	1414.723	536.604	640.437	278.358	281.503	277.064	311.023
11/8/24 7:00 PM	108.628	216.680	1414.789	536.614	640.423	278.410	281.549	277.206	311.212
11/8/24 8:00 PM	108.671	217.172	1414.822	537.335	640.416	278.478	281.614	277.351	311.380
11/8/24 9:00 PM	109.067	217.697	1414.862	537.900	640.398	278.545	281.655	277.524	311.555
11/8/24 10:00 PM	107.573	218.093	1414.833	533.918	640.406	278.557	281.704	277.622	311.733
11/8/24 11:00 PM	108.343	218.644	1414.847	538.094	640.414	278.619	281.789	277.729	311.837
11/9/24 12:00 AM	108.164	219.082	1414.846	536.787	640.386	278.660	281.837	277.837	311.981
11/9/24 1:00 AM	108.229	219.365	1414.803	535.979	640.403	278.671	281.922	277.916	312.074
11/9/24 2:00 AM	108.398	219.832	1414.801	537.171	640.417	278.692	281.942	278.000	312.208
11/9/24 3:00 AM	108.700	220.215	1414.813	537.356	640.418	278.718	282.006	278.075	312.350
11/9/24 4:00 AM	108.473	220.647	1414.821	537.160	640.415	278.764	282.048	278.150	312.432
11/9/24 5:00 AM	108.283	221.052	1414.817	536.480	640.400	278.823	282.079	278.227	312.535

Site Observations:

- None

Operational Notes:

- Bled brine from #4 brine well

Containment Update:

Engineering/Testing:

- Well Levee (areas 4 & 5): continue drainage culvert design; preparing to issue for construction
- Terracon will be on site this week to perform CPT testing for the core well pad and return week of Nov 11 for marsh buggy borings.
- Pelican to investigate drainage around finger lakes and drainage North of Salt Lake
- Recon has provided a weir conceptual design to Westlake for internal review. Checked storm water drain direction.
- Updating milestone schedule with assigned area numbers

Construction:

- Repairing road east side of camps and road side north of camps for delivery of dirt to area 2
- Laying fabric & spreading rock, pm equipment
- There will be no levee work this weekend in Sulphur due to expected weather conditions (80%chance of rain Saturday & 60% Sunday).

Reported by Kevin LaVergne (Westlake)





Date: 11-8-24

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: ^{Cav} 283 After: ^{Cav} 274

- 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: NOV, 8, 2024

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	486.3
Water Well #12	1269.9
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	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 20.9	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		
	O ₂	20.9	20.7		
	Methane	0	0		
	H ₂ s	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		
	O ₂	20.4	20.7		
	Methane	0	0		
	H ₂ s	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		
	O ₂	20.9	20.7		
	Methane	0	0		
	H ₂ s	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		
	O ₂	20.9	20.7		
	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		
	O ₂	20.4	20.7		
	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
		Morning	Afternoon		
	O ₂	20.4	20.7		
	Methane	0	0		
	H ₂ s	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		
	O ₂	20.9	20.7		
	Methane	0	0		
	H ₂ s	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		
	O ₂	20.4	20.7		
	Methane	0	0		
	H ₂ s	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	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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
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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:	11/8/24	Time:	8:00
Depth (ft):	4 ft 9		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.56	7.65	7.59
SC (uS/cm)	2034	2030	2035
ORP (mV)	258	226	170
Temp (°C)	25.2	25.3	25.3
TDS (ppm)	1498	1492	1496
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)			

11-8-24

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	20.9				20.9
Methane	0				0
N ₂	0				0
PH VOCs	0				0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9				20.8
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
O2	20.9				20.8
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
O2	20.9				20.8
Methane					0.0
H2S					0.0
pH (WOC)	8.0				0.0

