

Westlake US 2 Daily Report

Date Reported: 8/17/2024

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)
8/16/24 5:00 AM	86.777	423.204	1410.849	457.178	641.811	144.639	613.683	-1.250	-1.678
8/16/24 6:00 AM	86.681	423.188	1410.853	456.521	641.815	146.156	620.138	-1.265	-1.676
8/16/24 7:00 AM	88.490	423.289	1410.930	464.753	641.747	147.429	626.065	-1.260	-1.652
8/16/24 8:00 AM	90.724	424.001	1411.478	472.548	641.733	147.789	631.483	-1.112	-1.531
8/16/24 9:00 AM	90.254	424.583	1411.833	455.632	641.765	148.727	638.185	-0.888	-1.366
8/16/24 10:00 AM	91.990	425.251	1412.250	478.269	641.828	150.942	647.265	-0.710	-1.312
8/16/24 11:00 AM	92.321	425.996	1412.770	476.992	641.892	153.115	655.513	-0.826	-1.365
8/16/24 12:00 PM	92.577	426.598	1413.178	475.688	641.918	155.160	663.024	-0.962	-1.473
8/16/24 1:00 PM	92.842	426.995	1413.479	475.139	642.000	156.643	669.847	-1.088	-1.508
8/16/24 2:00 PM	93.020	427.295	1413.767	474.661	642.028	158.347	676.752	-1.163	-1.544
8/16/24 3:00 PM	93.260	427.800	1414.096	473.895	642.077	159.974	683.153	-1.174	-1.489
8/16/24 4:00 PM	93.539	428.078	1414.437	473.591	642.180	161.066	688.765	-1.283	-1.658
8/16/24 5:00 PM	93.746	428.132	1414.787	473.826	642.140	162.303	694.498	-1.314	-1.691
8/16/24 6:00 PM	93.908	428.341	1415.119	474.127	642.089	163.688	700.586	-1.280	-1.677
8/16/24 7:00 PM	94.209	428.511	1415.366	474.534	642.132	165.022	706.259	-1.328	-1.713
8/16/24 8:00 PM	94.194	428.461	1415.592	474.806	642.072	165.976	712.078	-1.341	-1.748
8/16/24 9:00 PM	94.292	428.461	1415.775	474.836	642.006	166.842	717.950	-1.324	-1.739
8/16/24 10:00 PM	94.497	428.533	1415.946	475.094	641.952	168.112	724.104	-1.300	-1.706
8/16/24 11:00 PM	94.623	428.614	1416.100	475.149	641.945	169.413	729.663	-1.301	-1.713
8/17/24 12:00 AM	94.753	428.719	1416.245	475.036	641.937	170.701	735.142	-1.284	-1.679
8/17/24 1:00 AM	94.778	428.787	1416.366	474.952	641.927	171.964	740.360	-1.269	-1.674
8/17/24 2:00 AM	94.868	428.928	1416.526	474.594	641.881	173.099	745.295	-1.264	-1.683
8/17/24 3:00 AM	94.896	429.029	1416.652	474.459	641.857	174.132	750.408	-1.277	-1.678
8/17/24 4:00 AM	95.070	429.163	1416.780	474.292	641.873	175.166	755.599	-1.275	-1.681
8/17/24 5:00 AM	94.096	429.234	1416.884	469.068	641.865	176.191	760.585	-1.280	-1.677

Site Observations:

-None

Operational Notes:

-PPG 4 workover/MIT

Containment Update:

-Engineering/Testing:

Recon continues to analyze soil samples.

Recon continuing on 'well levee' and core well pad engineering.

Recon continuing to work with Terracon on path forward for exterior levee work.

ERM is working on process water plant design specifications.

Terracon is drilling on the east side of the lake and is almost complete with taking soil samples.

Pelican performing a topographic survey around the North West side of Salt Lake.

-Construction:

R&R is installing silt fence around the cleared areas of the future core well pad

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

R&R continues to clear the core well pad area and 'well levee' area.

Reported by Josh Bradley (Westlake)





Date: 8-16-24

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: Workover Rig on Brine Well #4

Swap pumps at 7 Brine Well to North pump

Date: Aug. 16, 2024

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	388.5
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1346.9
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 21.1	21.1		
		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 21.1	21.1		
		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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1	
		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	21.1	21.1	
		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	21.1	21.1	
		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	21.1	21.1	
		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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1		
	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	21.1	21.1	
		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	21.1	21.1	
		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	21.1	21.1	
		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	21.1	21.1
Methane	0	0
H2s	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
		Morning	Afternoon		

O2	21.1	21.1
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	21.1	21.1
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

LA

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	8-16-24	Time:	10:26
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.33	7.24	7.06
SC (uS/cm)	1459	1457	1571
ORP (mV)	122	-16	-106
Temp (°C)	33.3	33.4	33.9
TDS (ppm)	1031	1028	1115

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:

8-16-24

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	20.8				20.9
Methane	0				20.8
H ₂ S	0				0
PH ₂ (VOC)	0				0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.8				20.8
Methane	0				0
H ₂ S	0				0
PH ₂ (VOC)	0				0

Site 10 (Yellowrock #7)	(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
PH ₂ (VOC)	0				0

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.9				20.9
Methane	0				20.8
H ₂ S	0				0
PH ₂ (VOC)	0				0

Site 19 (4a BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9					20.9
Methane	0					0
H2S	0					0
PID (VOC)	0					0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8					20.8
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
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
O2	20.9					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 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: 