

Westlake US 2 Daily Report

Date Reported: 8/24/2024

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)
8/23/24 5:00 AM	94.864	427.151	1414.565	481.454	641.935	219.533	739.453	-1.132	-1.668
8/23/24 6:00 AM	94.891	427.081	1414.525	481.890	641.922	220.304	744.196	-1.135	-1.674
8/23/24 7:00 AM	94.979	427.023	1414.480	482.433	641.910	221.107	749.274	-1.126	-1.633
8/23/24 8:00 AM	95.054	427.078	1414.453	482.400	641.870	221.904	754.220	-1.031	-1.486
8/23/24 9:00 AM	94.488	427.267	1414.389	478.875	641.912	222.791	759.177	-0.814	-1.256
8/23/24 10:00 AM	93.549	427.299	1414.155	474.453	641.978	223.968	764.296	-0.670	-1.290
8/23/24 11:00 AM	93.206	427.210	1413.895	473.744	642.022	225.525	769.301	-0.706	-1.312
8/23/24 12:00 PM	93.493	427.159	1413.727	475.351	642.068	227.124	774.012	-0.927	-1.529
8/23/24 1:00 PM	93.078	427.104	1413.565	473.881	642.080	229.396	778.673	-0.775	-1.376
8/23/24 2:00 PM	93.627	427.173	1413.427	477.057	642.118	235.553	781.206	-0.913	-1.428
8/23/24 3:00 PM	93.865	427.117	1413.357	478.624	642.154	244.800	783.353	-1.153	-1.512
8/23/24 4:00 PM	93.938	427.034	1413.341	479.471	642.120	255.872	785.576	-1.260	-1.500
8/23/24 5:00 PM	95.487	427.097	1413.410	486.538	642.124	267.250	787.529	-1.345	-1.569
8/23/24 6:00 PM	95.965	427.241	1413.649	488.153	642.139	278.953	789.381	-1.317	-1.674
8/23/24 7:00 PM	95.984	427.068	1413.832	488.960	642.128	290.623	791.065	-1.334	-1.726
8/23/24 8:00 PM	95.975	426.908	1413.989	488.911	642.054	302.125	792.860	-1.330	-1.739
8/23/24 9:00 PM	96.048	426.871	1414.124	489.137	642.004	313.282	794.713	-1.299	-1.724
8/23/24 10:00 PM	96.231	426.893	1414.256	489.320	641.944	324.097	796.521	-1.278	-1.713
8/23/24 11:00 PM	96.344	426.947	1414.379	489.330	641.889	334.676	798.304	-1.243	-1.678
8/24/24 12:00 AM	96.541	427.041	1414.514	490.075	641.865	345.001	800.101	-1.248	-1.670
8/24/24 1:00 AM	96.608	427.107	1414.640	490.266	641.861	354.999	801.888	-1.233	-1.660
8/24/24 2:00 AM	96.919	427.224	1414.762	490.748	641.827	364.697	803.641	-1.245	-1.682
8/24/24 3:00 AM	97.227	427.334	1414.891	491.143	641.818	374.093	805.409	-1.237	-1.688
8/24/24 4:00 AM	97.459	427.469	1415.015	491.580	641.791	383.233	807.162	-1.244	-1.690

Site Observations:

-None

Operational Notes:

-PPG 4 workover/MIT: workover and sonar complete, going to begin pressuring cavern up for MIT.

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

Construction:

R&R has completed silt fence around the cleared areas of the future monitoring well pad

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

R&R finishing 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.

Reported by Josh Bradley (Westlake)





Date: 8/23/24

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: August 23, 2024

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	1552.4
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	20.9	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	20.9	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
O ₂	20.9	20.9
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	20.9	20.9
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	20.9
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	20.9
Methane	0	0
H ₂ s	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	20.9	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	20.9	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	21.0	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	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	20.9	20.9		
	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	20.9		
		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	20.9		
		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	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
		Morning	Afternoon		
	O ₂	20.9	20.9		
	Methane	0	0		
	H ₂ s	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		
	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
		Morning	Afternoon		
	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

New Observation or comments?

LA

Central Lake Water Column Profile
Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	8/23/24	Time:	8:05
Depth (ft):	5 ft. 3		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.35	7.33	6.98
SC (uS/cm)	1555	1552	1639
ORP (mV)	82	50	-89
Temp (°C)	30.1	30.3	30.3
TDS (ppm)	1109	1106	1174

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:

8/23/24

Sulphur Field Observation Daily Report (Nightshtft)

Site 1 (E of H22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2	20.9						0	0
Methane	0						0	0
H2S	0						0	0
PH (WOC)	0						0	0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2	20.9						0	0
Methane	0						0	0
H2S	0						0	0
PH (WOC)	0						0	0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	21.0
O2	20.9						0	0
Methane	0						0	0
H2S	0						0	0
PH (WOC)	0						0	0

Site 9 (H4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2	20.9						0	0
Methane	0						0	0
H2S	0						0	0
PH (WOC)	0						0	0

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

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2	20.9					0	0
Methane	0					0	0
H2S	0					0	0
PH (VOC)	0					0	0

#28 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	21.0
O2	20.9					0	0
Methane	0					0	0
H2S	0					0	0
PH (VOC)	0					0	0

#28 Bubble site (MNH-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2	20.9					0	0
Methane	0					0	0
H2S	0					0	0
PH (VOC)	0					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 line-in
	Check wellhead for oil

New Observation, intensity changes, or comments?	
--	--

Signature	W. S.
-----------	-------