

Westlake US 2 Daily Report

Date Reported: 5/17/2024

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)
5/16/24 5:00 AM	69.630	429.106	1414.000	333.848	671.078	249.526	752.131	246.719	285.956
5/16/24 6:00 AM	69.629	429.120	1414.000	333.759	671.059	249.529	752.244	246.771	286.003
5/16/24 7:00 AM	69.679	429.185	1414.000	333.597	671.001	249.546	752.296	246.910	286.147
5/16/24 8:00 AM	69.841	429.313	1414.000	333.405	670.981	249.658	752.511	247.079	286.269
5/16/24 9:00 AM	69.869	429.336	1414.000	333.255	671.062	249.717	752.536	247.074	286.277
5/16/24 10:00 AM	70.087	429.561	1414.000	332.919	671.073	249.800	752.701	247.295	286.484
5/16/24 11:00 AM	70.142	429.697	1414.000	332.594	671.119	249.878	752.956	247.307	286.502
5/16/24 12:00 PM	70.199	429.692	1414.000	332.241	671.178	249.943	753.105	247.281	286.486
5/16/24 1:00 PM	70.166	429.789	1413.000	332.011	671.237	250.029	753.268	247.322	286.564
5/16/24 2:00 PM	70.056	429.799	1413.000	331.657	671.260	250.083	753.326	247.327	286.561
5/16/24 3:00 PM	69.762	429.493	1413.000	332.030	671.329	250.066	753.211	247.222	286.477
5/16/24 4:00 PM	70.665	429.340	1413.000	339.140	671.351	250.055	753.273	247.098	286.387
5/16/24 5:00 PM	71.063	429.553	1413.000	339.948	671.285	250.082	753.388	247.257	286.525
5/16/24 6:00 PM	71.275	429.738	1414.000	339.788	671.249	250.133	753.422	247.332	286.605
5/16/24 7:00 PM	70.453	429.706	1414.000	335.795	671.279	250.181	753.538	247.316	286.598
5/16/24 8:00 PM	69.250	428.353	1414.000	333.482	671.152	250.208	753.556	247.464	286.678
5/16/24 9:00 PM	69.540	427.914	1414.000	328.992	671.112	250.225	753.596	247.513	286.771
5/16/24 10:00 PM	68.000	428.266	1414.000	Power failure on instrument	671.091	250.236	753.804	247.545	286.809
5/16/24 11:00 PM	68.000	428.314	1414.000	Power failure on instrument	671.077	250.268	753.963	247.592	286.846
5/17/24 12:00 AM	68.000	428.265	1414.000	Power failure on instrument	671.093	Power failure on instrument	Power failure on instrument	247.645	286.905
5/17/24 1:00 AM	68.000	428.279	1414.000	Power failure on instrument	671.046	Power failure on instrument	Power failure on instrument	247.698	287.025
5/17/24 2:00 AM	68.000	428.306	1414.000	Power failure on instrument	671.089	Power failure on instrument	Power failure on instrument	247.756	287.156
5/17/24 3:00 AM	68.000	428.449	1414.000	Power failure on instrument	671.098	250.433	754.525	247.801	287.219
5/17/24 4:00 AM	68.000	428.414	1414.000	Power failure on instrument	671.089	250.470	754.710	247.830	287.216
5/17/24 5:00 AM	68.000	428.299	1414.000	Power failure on instrument	671.102	250.506	754.817	247.832	287.228

Site Observations:

-None

Operational Notes:

- Weather event caused power failures at both fields. Power restored and both fields are operational as of this morning. Lost #7b tubing and brine injection flow electronic readings. We are monitoring the #7b tubing with manual gauge and the downhole gauge until repaired today.
- Central lake water quality readings attached in daily observation attachment.



Date: May 16, 2024

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	386.01
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1352.9
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1413	1413

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.8	20.7		
	H2S/Methane	0	0		
	H2s	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		
	O2	20.8	20.7		
	Methane	0	0		
	H2s	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	20.8	20.7		
	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	20.7		
	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	20.7		
	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	20.7		
	Methane	0	0		
	H2s	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	20.8	20.7		
	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	20.8	20.7		
	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	20.8	20.7		
	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	20.8	20.4		
	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	20.7		
	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	20.8	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	20.8	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	20.8	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	20.8	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	20.8	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	20.8	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	20.8	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
		Morning	Afternoon		
		O2	20.8	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
		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	20.8	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
		Morning	Afternoon		
	O2	20.8	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	20.8	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	20.8	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	20.8	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 sample @ central

Signature:

LA

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Conc

Date:	5-16-24	Time:	8:20
Depth (ft):	6 ft. 9		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.37	7.19	6.88
SC (uS/cm)	1461	1465	1868
ORP (mV)	50	7	-225
Temp (°C)	26.8	26.6	26.2
TDS (ppm)	1042	1045	1362

Conc -

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

Conc.

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

Conc

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

Date: 5-16-24

Sulphur Field Observation Daily Report (Nightshift)

7b Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1413	1414	1414	1414	1414	1414	1414	1414	1414	1414	1414	1414

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂	20.8				20.7
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				20.7
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	20.8				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
O ₂	20.8				20.7
Methane	0				0
H ₂ s	0				0
PID (VOC)	0				0

Site 19 (#45 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.8				20.7
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				20.7
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
O2	20.8				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
O2	20.8				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
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New Observation, intensity changes, or comments?	
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Signature: Eddie J. Smith