

Westlake US 2 Daily Report

Date Reported: 3/23/2024

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)
3/22/24 5:00 AM	70.053	431.079	1416.000	315.917	165.993	248.428	297.548	245.400	255.268
3/22/24 6:00 AM	69.968	431.050	1416.000	315.987	166.011	248.483	298.819	245.479	255.359
3/22/24 7:00 AM	69.943	431.043	1416.000	316.052	166.062	248.523	299.033	245.545	255.422
3/22/24 8:00 AM	70.113	431.104	1416.000	315.428	166.069	248.486	299.797	245.650	255.577
3/22/24 9:00 AM	75.065	431.144	1416.000	310.908	166.115	248.551	300.969	245.895	255.840
3/22/24 10:00 AM	70.000	431.287	1416.000	316.041	166.166	248.613	302.514	246.137	256.000
3/22/24 11:00 AM	69.788	431.439	1416.000	314.656	166.216	248.753	303.284	246.235	256.005
3/22/24 12:00 PM	69.605	431.536	1416.000	313.156	166.300	248.896	304.062	246.302	256.041
3/22/24 1:00 PM	69.823	431.627	1416.000	314.350	166.378	248.991	304.395	246.312	256.061
3/22/24 2:00 PM	69.778	431.532	1416.000	315.994	166.468	249.054	304.548	246.272	256.036
3/22/24 3:00 PM	69.664	431.386	1416.000	316.229	166.540	249.130	304.706	246.261	256.061
3/22/24 4:00 PM	69.444	431.311	1416.000	316.359	166.601	249.173	304.850	246.225	256.065
3/22/24 5:00 PM	69.150	431.139	1416.000	316.704	166.637	249.203	304.885	246.231	256.050
3/22/24 6:00 PM	68.803	430.964	1416.000	316.813	166.662	249.191	304.884	246.229	256.035
3/22/24 7:00 PM	68.428	430.767	1416.000	315.766	166.677	249.214	304.904	246.197	256.067
3/22/24 8:00 PM	68.013	430.536	1416.000	315.025	166.704	249.221	305.529	246.246	256.164
3/22/24 9:00 PM	67.888	430.366	1416.000	316.058	166.702	249.270	307.396	246.304	256.234
3/22/24 10:00 PM	68.236	430.365	1416.000	317.406	166.740	249.281	308.873	246.364	256.310
3/22/24 11:00 PM	68.198	430.344	1416.000	317.441	166.777	249.324	309.243	246.403	256.385
3/23/24 12:00 AM	68.171	430.191	1416.000	317.504	166.796	249.375	309.784	246.438	256.435
3/23/24 1:00 AM	68.274	430.133	1416.000	317.389	166.804	249.410	310.830	246.446	256.455
3/23/24 2:00 AM	68.474	430.069	1416.000	317.209	166.858	249.467	311.673	246.485	256.533
3/23/24 3:00 AM	69.436	429.973	1416.000	316.253	166.875	249.493	312.350	246.541	256.600
3/23/24 4:00 AM	68.815	429.862	1416.000	316.823	166.900	249.541	312.726	246.608	256.687
3/23/24 5:00 AM	68.947	429.826	1416.000	316.712	166.957	249.592	313.261	246.670	256.755
3/23/24 6:00 AM	69.099	429.775	1416.000	316.600	166.955	249.639	313.910	246.700	256.759
3/23/24 7:00 AM	69.245	429.707	1416.000	316.506	166.989	249.666	314.419	246.741	256.842

Site Observations:

-None

Operational Notes:

-Bled gas from PPG#2 Annulus. Volume will be reported tomorrow.



Westlake

Date: 3/22/24

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: #22, #21, #18, or Starks Tie-In (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: 3/22/24

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Downhole Gauge	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.8	20.7
O ₂						0	0
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	20.9	20.8
O ₂						0	0
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	20.8	20.8
O ₂						0	0
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	20.9	20.8
O ₂						0	0
Methane						0	0
H ₂ S						0	0
PID (VOC)						0	0

Site 19 (44 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	20.9				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
O2	21.0				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
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

New Observation, intensity changes, or comments?	
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Signature:	Y.M.E.
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Date: 3/22/24

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	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	146	146

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.2	21.3	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.3	
		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	21.2	21.3	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2	
		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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.2		
	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	21.2	21.3		
	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	21.2	21.3		
	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	21.0	21.2		
	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	21.0	21.2		
	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	21.0	21.2		
	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

Signature:

LP

New Observation or comments?

H2O samples @ central

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:	3/22/24	Time:	9:20 am
Depth (ft):	5 ft 2		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.53	7.48	7.54
SC (uS/cm)	2078	2076	2107
ORP (mV)	189	133	-117
Temp (°C)	18.7	18.5	19.0
TDS (ppm)	1543	1545	1548
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)			