

Westlake US 2 Daily Report

Date Reported: 5/11/2024

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)
5/10/24 5:00 AM	68.392	428.461	1413.000	328.367	670.345	243.294	728.739	240.396	276.714
5/10/24 6:00 AM	68.499	428.376	1413.000	328.504	670.316	243.316	728.914	240.432	276.810
5/10/24 7:00 AM	68.618	428.354	1413.000	328.523	670.277	243.343	729.120	240.539	276.954
5/10/24 8:00 AM	68.728	428.393	1413.000	328.428	670.253	243.421	729.297	240.659	277.091
5/10/24 9:00 AM	69.063	428.512	1413.000	328.313	670.205	243.448	729.499	240.858	277.290
5/10/24 10:00 AM	69.172	428.630	1413.000	328.217	670.273	243.553	729.783	240.898	277.285
5/10/24 11:00 AM	69.218	428.746	1413.000	328.136	670.322	243.620	730.030	240.966	277.364
5/10/24 12:00 PM	69.147	428.797	1413.000	328.235	670.379	243.687	730.379	241.048	277.458
5/10/24 1:00 PM	69.190	428.891	1413.000	328.272	670.445	243.815	730.704	241.166	277.572
5/10/24 2:00 PM	69.153	428.938	1413.000	328.295	670.547	243.855	730.858	241.060	277.533
5/10/24 3:00 PM	68.909	428.716	1413.000	328.330	670.649	243.859	730.748	240.977	277.509
5/10/24 4:00 PM	68.862	428.571	1413.000	328.452	670.645	243.901	730.777	241.021	277.681
5/10/24 5:00 PM	68.888	428.682	1413.000	328.298	670.612	244.048	731.269	241.152	277.806
5/10/24 6:00 PM	68.738	428.545	1413.000	328.255	670.701	244.010	731.518	241.044	277.851
5/10/24 7:00 PM	68.604	428.320	1413.000	328.346	670.710	243.994	731.764	241.045	277.827
5/10/24 8:00 PM	68.531	428.165	1413.000	328.401	670.656	243.982	731.982	241.013	277.876
5/10/24 9:00 PM	68.658	428.076	1412.000	329.702	670.559	244.006	732.156	241.072	278.024
5/10/24 10:00 PM	68.959	428.099	1413.000	331.650	670.511	244.042	732.378	241.127	278.103
5/10/24 11:00 PM	68.994	428.120	1413.000	331.641	670.455	244.077	732.613	241.164	278.166
5/11/24 12:00 AM	69.076	428.186	1413.000	331.613	670.429	244.125	732.838	241.212	278.270
5/11/24 1:00 AM	69.159	428.167	1413.000	331.490	670.415	244.165	733.172	241.268	278.353
5/11/24 2:00 AM	69.198	428.190	1413.000	331.516	670.401	244.191	733.536	241.312	278.436
5/11/24 3:00 AM	69.138	428.172	1413.000	331.511	670.371	244.233	733.833	241.384	278.535
5/11/24 4:00 AM	69.190	428.153	1413.000	331.498	670.342	244.257	734.123	241.453	278.610

Site Observations:

-None

Operational Notes:

-None



Westlake

Date: 5-10-24

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: 5/10/24

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	1475
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 21.0	21.0		
		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 20.9	21.0		
		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 20.9	21.6		
		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 20.9	21.6		
		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 20.9	21.0		
		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	20.9	21.0		
	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	20.9	21.0		
	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	21.0	21.0		
	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	21.0			
	Methane	0			
	H2s	0			
	PID (VOC)	0			

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.9	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0		
	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	21.0	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	<u>Not Present</u>
		Morning	Afternoon
O2	N/A	N/A	N/A
Methane	N/A	N/A	N/A
H2s	N/A	N/A	N/A
PID (VOC)	N/A	N/A	N/A

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
O2		20.9	21.0		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
O2		20.9	21.0		
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	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
O2		21.0	21.0		
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	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.0	21.0		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	21.0		
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

Signature:

LA

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:	5/10/24	Time: 10:33 am	
Depth (ft):	6 ft. 0		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.39	7.34	6.96
SC (uS/cm)	1503	1589	2119
ORP (mV)	29	-21	-251
Temp (°C)	27.8	27.4	26.8
TDS (ppm)	1074	1141	1557
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)			

5-10-24

Sulphur Field Observation Daily Record (Nichtschift)

Time	Downhole Gauge
9pm	1413
10pm	1413
11pm	1413
12pm	1413
1pm	1413
2pm	1413
3pm	1413
4pm	1413

Step 1 (f of H2 BW)

(f)	(f x 10 ⁻⁶)	Name (surname)	Sex (reference)	Age (years)
20.7				
000				

Including sex change in intensity

20.8				
000				

21.0

000				
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20.9		(Kilobyte/Min)	Water Intense	Less Intense	Mobile Apps	Streaming Services
000						

20.8						
000						

21.0						
000						

Seite 10 (Vollmerwerk u.)		Früher (neu)		Neuer Inzidenz		Veränderung		Rückgang ...	
Merkmal		Häufigkeit		Häufigkeit		Häufigkeit		Häufigkeit	
20.9	00								
20.8	00								
21.0	00								

[illegible]

Site 19 (in RM Pond)

	(Circle One)	More Intense	Less Intense	No Difference	Nothing was different in intensity
20.9					
00					
00					

20.8
00
00
00

21.0
00
00
00

#18 Wellhead Collar

	(Circle One)	More Intense	Less Intense	No Difference	Nothing was different in intensity
20.9					
00					
00					

20.8
00
00
00

21.0
00
00
00

#27 Rubble site (Road S of
Yellow rock shop)

	(Circle One)	More Intense	Less Intense	No Difference	Nothing was different in intensity
20.9					
00					
00					

20.8
00
00
00

21.0
00
00
00

#28 Rubble site (low 2
and 3rd level)

	(Circle One)	More Intense	Less Intense	No Difference	Nothing was different in intensity
20.9					
00					
00					

20.8
00
00
00

21.0
00
00
00

#7 Well Pad Site General
Housekeeping

	(Circle One)	More Intense	Less Intense	No Difference	Nothing was different in intensity
20.9					
00					
00					

20.8
00
00
00

21.0
00
00
00

New Observation, intensity
changes, or comments?

Edin Villa