

## Westlake US 2 Daily Report

Date Reported: 1/4/2025

### 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)
1/3/25 5:00 AM	106.045	426.770	1415.032	525.368	629.062	289.545	295.934	290.410	355.807
1/3/25 6:00 AM	107.742	426.731	1414.982	533.905	628.994	289.585	295.980	290.455	355.854
1/3/25 7:00 AM	107.301	426.801	1415.064	532.593	628.984	289.610	296.018	290.472	355.883
1/3/25 8:00 AM	107.429	426.798	1415.091	531.429	628.967	289.668	296.030	290.492	355.986
1/3/25 9:00 AM	106.095	426.802	1414.996	525.895	628.914	289.750	296.029	290.644	356.164
1/3/25 10:00 AM	104.209	426.655	1414.656	516.261	628.945	289.861	296.062	290.749	356.357
1/3/25 11:00 AM	104.362	426.469	1414.286	518.041	629.022	289.941	296.232	290.536	356.352
1/3/25 12:00 PM	103.181	426.159	1413.779	513.672	629.044	290.003	296.387	290.303	356.347
1/3/25 1:00 PM	103.474	426.047	1413.535	517.047	629.057	290.069	296.542	290.068	356.360
1/3/25 2:00 PM	103.787	425.972	1413.401	515.138	629.103	290.135	296.658	289.890	356.411
1/3/25 3:00 PM	105.089	425.442	1412.893	534.205	629.101	290.192	296.738	290.087	356.466
1/3/25 4:00 PM	105.343	425.533	1413.078	536.230	629.076	290.203	296.692	290.775	356.695
1/3/25 5:00 PM	103.324	424.942	1412.780	517.768	629.070	290.113	296.547	290.858	356.616
1/3/25 6:00 PM	105.724	424.741	1412.808	538.703	628.964	290.044	296.472	290.873	356.629
1/3/25 7:00 PM	106.193	424.950	1413.078	540.939	628.835	290.072	296.478	290.877	356.666
1/3/25 8:00 PM	106.754	425.193	1413.324	542.087	628.753	290.081	296.534	290.904	356.696
1/3/25 9:00 PM	107.219	425.363	1413.568	543.260	628.688	290.143	296.577	290.969	356.777
1/3/25 10:00 PM	107.189	425.454	1413.733	541.159	628.635	290.156	296.593	291.006	356.770
1/3/25 11:00 PM	107.449	425.566	1413.901	543.272	628.559	290.191	296.631	291.039	356.836
1/4/25 12:00 AM	107.016	425.806	1414.032	541.445	628.528	290.231	296.682	291.087	356.879
1/4/25 1:00 AM	107.534	425.862	1414.137	541.485	628.503	290.239	296.719	291.124	356.934
1/4/25 2:00 AM	107.637	425.930	1414.245	542.092	628.484	290.286	296.752	291.150	356.960
1/4/25 3:00 AM	108.177	425.994	1414.340	541.122	628.428	290.314	296.784	291.200	357.023
1/4/25 4:00 AM	107.878	426.139	1414.475	541.787	628.405	290.324	296.840	291.218	357.099
1/4/25 5:00 AM	108.077	426.221	1414.563	541.731	628.393	290.388	296.875	291.255	357.129

### Site Observations:

-Collected water samples at Central Lake.

### Operational Notes:

-PPG 20: observed leak from geophone connection, bled brine off of the well from approx. 744 psi to 523 psi. Leak at connection has stopped. Westlake will continue to monitor this connection on a daily basis and keep cavern at a brine pressure to mitigate leaking connection.

### Containment Update:

#### Engineering/Testing:

- Core Well Pad- Recon is evaluating deep foundation options for the rig loads with Terracon. Westlake is awaiting bids from potential civil contractors, these clarification are due back tomorrow. Construction is anticipated to be awarded and commence no later than beginning of February with expected completion by end of March.
- Southwest Levee (Area 3) – working on culvert design and valve selection.
- Well Levee (area 1) – working on culvert design and valve selection
- Salt Lake (Area 1) – preparing alignment drawings
- Investigating drainage around finger lakes

#### Construction:

- Area 1 east of gate – Haul in dirt and spread with dozer at Area 1/2 gate going East.
- Area 5/6 intersection – Hauled in dirt and spread with dozer to build levee to grade.

Reported by Kevin LaVergne (Westlake)



# Westlake

Date: 1-3-25

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

Swapped pumps at #7 Brine Well

Date: Jan 3 2025

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	1687.5
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		
	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	20.7	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	20.7	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	20.7	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	20.7	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	20.7	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		
	O <sub>2</sub>	20.7	20.7		
	Methane	0	0		
	H <sub>2</sub> 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
		Morning	Afternoon		
	O <sub>2</sub>	20.7	20.7		
	Methane	0	0		
	H <sub>2</sub> s	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		
	O <sub>2</sub>	20.7	20.7		
	Methane	0	0		
	H <sub>2</sub> s	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		
	O <sub>2</sub>	20.7	20.7		
	Methane	0	0		
	H <sub>2</sub> s	0	0		
PID (VOC)	0	0			

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	<b>No Bubbles</b>	Bubbling - no change in intensity	
			<b>Morning</b>	<b>Afternoon</b>		
		O2	20.7	20.7		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	0	0				

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	<b>No Bubbles</b>	Bubbling - no change in intensity	
			<b>Morning</b>	<b>Afternoon</b>		
		O2	20.7	20.7		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	0	0				

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	<b>No Bubbles</b>	Bubbling - no change in intensity	
			<b>Morning</b>	<b>Afternoon</b>		
		O2	20.7	20.7		
		Methane	0	0		
		H2s	0	0		
PID (VOC)	0	0				

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	<b>Bubbling - no change in intensity</b>
			<b>Morning</b>	<b>Afternoon</b>	
		O2	20.7	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
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	Morning	Afternoon
O2	20.7	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
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	Morning	Afternoon
O2	20.7	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
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	Morning	Afternoon
O2	20.7	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
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	Morning	Afternoon
O2	20.7	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	20.7	20.7		
	Methane	0	0		
	H2s	3	0		
	PID (VOC)	3	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	20.7	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	20.7	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	20.7	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	20.7	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	20.7	20.7		
	Methane	0	0		
	H2s	0	0		
PID (VOC)	0	0			

#7 Well Pad Site General Housekeeping	<input checked="" type="checkbox"/>	Check Berms for leaks or oil/brine
	<input checked="" type="checkbox"/>	Check hoses at each connection from rental pump to piping tie-in
	<input checked="" type="checkbox"/>	Check cellar for oil
	<input checked="" type="checkbox"/>	Check Wellhead for leaks

New Observation or comments?

H2O samples @ central

LA

### Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Cond -

Cond.

Cond

Central Lake Water Column Profile			
Sulphur Dome - Calcasieu Parish, Louisiana			
Date:	JAN 3, 2025	Time:	9:15
Depth (ft):	5 ft. 4		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.53	7.56	7.62
SC (uS/cm)	2047	2051	2035
ORP (mV)	185	142	92
Temp (°C)	17.2	17.6	17.4
TDS (ppm)	1521	1524	1511
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)			

Date: 1-3-25

Sulphur Field Observation Daily Report (Mg/m<sup>3</sup>)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
171						20.5	20.6
172						0	0
173						0	0
174						0	0
175						0	0
176						0	0
177						0	0

7A Piled Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
01						20.5	20.6
02						0	0
03						0	0
04						0	0
05						0	0
06						0	0
07						0	0
08						0	0
09						0	0
10						0	0
11						0	0
12						0	0
13						0	0
14						0	0
15						0	0
16						0	0
17						0	0
18						0	0
19						0	0
20						0	0
21						0	0
22						0	0
23						0	0
24						0	0
25						0	0
26						0	0
27						0	0
28						0	0
29						0	0
30						0	0
31						0	0
32						0	0
33						0	0
34						0	0
35						0	0
36						0	0
37						0	0
38						0	0
39						0	0
40						0	0
41						0	0
42						0	0
43						0	0
44						0	0
45						0	0
46						0	0
47						0	0
48						0	0
49						0	0
50						0	0
51						0	0
52						0	0
53						0	0
54						0	0
55						0	0
56						0	0
57						0	0
58						0	0
59						0	0
60						0	0
61						0	0
62						0	0
63						0	0
64						0	0
65						0	0
66						0	0
67						0	0
68						0	0
69						0	0
70						0	0
71						0	0
72						0	0
73						0	0
74						0	0
75						0	0
76						0	0
77						0	0
78						0	0
79						0	0
80						0	0
81						0	0
82						0	0
83						0	0
84						0	0
85						0	0
86						0	0
87						0	0
88						0	0
89						0	0
90						0	0
91						0	0
92						0	0
93						0	0
94						0	0
95						0	0
96						0	0
97						0	0
98						0	0
99						0	0
100						0	0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
01						20.5	20.6
02						0	0
03						0	0
04						0	0
05						0	0
06						0	0
07						0	0
08						0	0
09						0	0
10						0	0
11						0	0
12						0	0
13						0	0
14						0	0
15						0	0
16						0	0
17						0	0
18						0	0
19						0	0
20						0	0
21						0	0
22						0	0
23						0	0
24						0	0
25						0	0
26						0	0
27						0	0
28						0	0
29						0	0
30						0	0
31						0	0
32						0	0
33						0	0
34						0	0
35						0	0
36						0	0
37						0	0
38						0	0
39						0	0
40						0	0
41						0	0
42						0	0
43						0	0
44						0	0
45						0	0
46						0	0
47						0	0
48						0	0
49						0	0
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67						0	0
68						0	0
69						0	0
70						0	0
71						0	0
72						0	0
73						0	0
74						0	0
75						0	0
76						0	0
77						0	0
78						0	0
79						0	0
80						0	0
81						0	0
82						0	0
83						0	0
84						0	0
85						0	0
86						0	0
87						0	0
88						0	0
89						0	0
90						0	0
91						0	0
92						0	0
93						0	0
94						0	0
95						0	0
96						0	0
97						0	0
98						0	0
99						0	0
100						0	0

Site 9 (the BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
01						20.5	20.6
02						0	0
03						0	0
04						0	0
05						0	0
06						0	0
07						0	0
08						0	0
09						0	0
10						0	0
11							

Site 29 (44 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O1					
Mediane					
N21					
P10 (VOC)					
					20.5
					20.6
					0
					0
					0

#72 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O1					
Mediane					
N21					
P10 (VOC)					
					20.5
					20.6
					0
					0
					0

#23 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O1					
Mediane					
N21					
P10 (VOC)					
					20.5
					20.6
					0
					0
					0

#28 Bubble site (RM-2 500' West)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O1					
Mediane					
N21					
P10 (VOC)					
					20.5
					20.6
					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 tie-in

Check cellar for oil

Check Wellhead for leaks

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New Observation, Intensity changes, or comments?

Signature: *Edie Della*