#### Westlake US 2 Daily Report Date Reported: 8/21/2024

# **Pressure Data:**

			BW #7B	#7B					
	BW #7B	BW #7B	Downhole	Brine	BW #6X	BW #2	BW #2	BW #4	BW #4
	Tubing	Casing	Pressure	Injection	Casing	Tubing	Casing	Tubing	Casing
	Pressure	Pressure	@ 2,650'	Flow	Pressure	Pressure	Pressure	Pressure	Pressure
Time	(PSI)	(PSI)	(PSI)	(GPM)	(PSI)	(PSI)	(PSI)	(PSI)	(PSI)
8/20/24 5:00 AM	94.205	427.505	1415.132	477.460	641.726	137.575	659.141	-1.218	-1.649
8/20/24 6:00 AM	94.239	427.526	1415.151	477.849	641.760	138.282	662.656	-1.227	-1.661
8/20/24 7:00 AM	94.392	427.526	1415.174	477.939	641.751	138.760	665.903	-1.214	-1.642
8/20/24 8:00 AM	94.522	427.649	1415.203	478.185	641.738	138.455	668.550	-1.107	-1.569
8/20/24 9:00 AM	94.589	427.800	1415.223	478.009	641.796	138.449	671.727	-0.920	-1.477
8/20/24 10:00 AM	94.713	428.021	1415.191	477.392	641.834	138.846	676.363	-0.777	-1.535
8/20/24 11:00 AM	94.756	428.177	1415.139	477.402	641.875	139.801	681.879	-0.861	-1.595
8/20/24 12:00 PM	94.782	428.300	1415.090	477.181	641.917	140.881	687.566	-0.732	-1.336
8/20/24 1:00 PM	94.909	428.505	1415.074	476.892	641.940	142.094	693.648	-0.835	-1.403
8/20/24 2:00 PM	94.992	428.665	1415.032	477.260	641.992	143.857	700.396	-0.957	-1.502
8/20/24 3:00 PM	95.000	428.623	1414.929	477.717	642.032	145.783	707.268	-1.119	-1.601
8/20/24 4:00 PM	94.958	428.582	1414.840	477.946	642.071	147.596	714.364	-1.146	-1.676
8/20/24 5:00 PM	94.981	428.371	1414.780	478.431	642.158	149.111	720.560	-1.098	-1.712
8/20/24 6:00 PM	94.956	428.189	1414.736	478.974	642.178	150.471	726.176	-1.174	-1.752
8/20/24 7:00 PM	94.818	427.947	1414.679	479.621	642.176	151.560	730.672	-1.244	-1.759
8/20/24 8:00 PM	94.509	427.628	1414.656	479.486	642.095	152.488	735.102	-1.285	-1.781
8/20/24 9:00 PM	94.265	427.424	1414.654	479.077	642.011	153.439	739.432	-1.265	-1.747
8/20/24 10:00 PM	94.171	427.273	1414.629	478.894	641.956	154.373	743.646	-1.242	-1.745
8/20/24 11:00 PM	93.994	427.178	1414.559	478.824	641.930	155.245	747.625	-1.231	-1.697
8/21/24 12:00 AM	93.917	427.024	1414.489	478.898	641.883	156.067	751.780	-1.227	-1.682
8/21/24 1:00 AM	93.867	426.906	1414.402	478.954	641.887	156.916	755.952	-1.221	-1.689
8/21/24 2:00 AM	93.973	426.798	1414.333	479.695	641.855	157.878	759.777	-1.201	-1.675
8/21/24 3:00 AM	93.992	426.725	1414.267	480.226	641.847	159.014	763.473	-1.195	-1.663
8/21/24 4:00 AM	93.911	426.651	1414.219	480.822	641.821	160.305	767.046	-1.199	-1.675
8/21/24 5:00 AM	95.497	426.682	1414.257	487.753	641.779	161.739	770.149	-1.186	-1.682

### **Site Observations:**

-Air boat observations conducted yesterday.

## **Operational Notes:**

-PPG 4 workover/MIT -Investigating several micro seismic events around PPG 4.

### **Containment Update:**

Containment Update: Engineering/Testing: Recon continues to analyze soil samples. Recon continuing on monitoring well pad engineering. Recon continuing to work with Terracon on path forward for exterior levee work. ERM is working on process water plant design specifications. Terracon is drilling on the east side of the lake and has completed soil drilling for samples around salt lake. Westlake received the design plans for the interior well levee around 7. We are awaiting a duration schedule and I'll will send to the DNR by end of the week. **Update, we performed some investigation digs on the 'well levee' route and discovered matting and inadequate soils that caved in at the soil depths of concern (sand & shale). We need to determine how to stabilize the soils underneath this interior levee so that the overall levee will not be compromised. We will need further time to develop** 



# path forward on stabilizing this soil underneath the proposed levee. The goal is to address 'sealing off' the sand layer underneath the levee to prevent any erosion underneath the levee.

Construction:

R&R is installing 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 continues to clear the monitoring well pad area.

Boxes being brought in to maintain site housekeeping throughout the project.

R&R digging trenches to verify boring results along the interior portion of the levee.





Date: 8-20-24

# 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 annlus? Y or (Circle One)
    - If yes, provide pressures below:
    - Before: After:
- Brine Well #2:
  - Bled brine from cavern? Y or Ŋ (Circle One)
  - Bled gas from annulus? Y or (N) (Circle One)
    - If yes, provide pressure below:
    - Before: After:
- · Miscellaneous Comments: Worllover on Brine Well HY

Date: Aug. 20, 2024

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Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	400.5
Water Well #12	QJ.Q
Water Well #13	0.00
Water Well #19	1340.1
Water Well #40	0.00

Site 1 (E of #22 8W)	(Circle One)	More Intense	Less Intense	No Bubbies	Bubbling - no change in intensit
		Morning	Afternoon		5
	02	20.9	20.9		
	H2S/Methane	0	0		
	H2s	Ø	0	_	
	PID (VOC	0	6		

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbies	Bubbling - no change in intensity
		Morning	Afternoon		
		D. 90 2	20.9		
	Metha	пе ()	0		
	4	12s O	Ň		
	PID (VC		C		

	(Circle One)	More Intense	Less Intense	lo Bubbles	Bubbling - no change in intensity
Site 4 (Central Lake)		Morning	Afternoon		I.
	02	209	709		
	Methane	0	0		
	H2s	ð	0		
	PID (VOC)	Ċ	G		

Site 5 (Central Lake)	(Circle One)	More intense	Less Intense	No Bubbles	Boobling - no change in intensity
		Morning	Afternoon		C
	02	20.9	70.9		
	Methane	O			
	H2s	0	- O		
	PID (VOC)	Ĵ	Ŏ		
					$\frown$

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no dhange in intensit
		Morning	Afternoon		
	02	20.9	20.9		
	Methane	0	0		
	H2		<u>U</u>		
	PID (VOC	O O	0		

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon	$\sim$	
	02	20.9	20.1		
	Methane	0	0	_	
	H2s	0	Q	_	
	PID (VOC)	0	0		

1		Lass Intense	No Bubbles	Bubbling - no change in intensity
(Circle One)	More Intense			change in intensity
	Morning			
02	20.9	20.9	_	
Methane	0	0	_	
HZs	0	R	_	
PID (VOC)	5	0		
			1	
(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensi
	Morning	Afternoon		
02	2 209	20.9		
		0		
		0		
		$\bigcirc$		
(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intens
	Morning	Afternoon		
C	2270.9	70.9		
Metha		0		
	X	0		
	3	0		
(Circle One)	More Intense	Less Intense	io Bubbles	Bubbling - no change in inte
	Morning	Afternoor	n	
	02 209	20.4		
	Ô	0		
Metha	ane 🖌			
	H2s	0 Q		
	O2 Methane H2s PID (VOC) (Circle One) (Circle One) (Circle One) (Circle One) COMethan H2 PID (VOC) (Circle One)	Morning O2 20.9 Methane O H2s Q PID (VOC) O (Circle One) More Intense Morning O2 20 9 Methane O H2s O PID (VOC) O (Circle One) More Intense Morning O2 20.9 More Intense Morning	Morning Afternoon   02 20.9 20.9   Methane 0 0   H2s 0 0   PID (VOC) 0 0   (Circle One) More Intense Less Intense   Morning Afternoon 0   02 20.9 20.9   Morning Afternoon 0   02 20.9 20.9   Methane 0 0   02 20.9 20.9   Methane 0 0   H2s 0 0   PID (VOC) 0 0   (Circle One) More Intense Less Intense   H2s 0 0   O2 20.9 20.9   Methane 0 0   02 20.9 20.9   Methane 0 0   PID (VOC) 0 0   Methane 0 0   PID (VOC) 0 0   Indext H2s 0 0   More Intense Less Intense	More Intense Less Intense No Bubbles   Methane 0 0   H2s 0 0   PID (VOC) 0 0   (Circle One) More Intense Less Intense No Bubbles   Methane 0 0 0   (Circle One) More Intense Less Intense No Bubbles   Methane 0 0 0 0   Methane 0 0 0 0   H2s 0 0 0 0   PID (VOC) 0 0 0 0   Methane 0 0 0 0   More Intense Less Intense No Bubbles 0   Methane 0 0 0 0   More Intens

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	02	20.9	20.9		
	Methane	0	<u>N</u>		
	H2s	Ŏ	0		
	PID (VOC	D	G		

Site 17 (Central Lake)	(Circle One)	More Intense	Less intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon	C	
	0	2 20.9	70.9		2
	Methan	e ()	50		
	H2	s Q	0	_	
	PID (VOC	.) J	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	C	2209	209		$\bigcirc$
	Methar		0		
	H	2s O	Q		
	PID (VO	c) O	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon	-	
	02	20.9	20.9		
	Methane		D'		
	H2	s O	Q		
	PID (VOC	$\mathbf{O}$	5		

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	02	20.9	209		~
	Methane	θ	6		
	H2s	0	Õ	_	
	PID (VOC)	5	U U		

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Rubbling - no change in intensity
		Morning	Afternoon		
		2 20.9	20.9		
	Methar		D		
	н	25 0	<u> </u>		
	PID (VO	c) <b>)</b>	<u> </u>		

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Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensi
		Morning	Afternoon		9
	02	20.9	70.9		
	Methane	0	0		
	H2s	0	Ó	_	
	PID (VOC)	J	0		

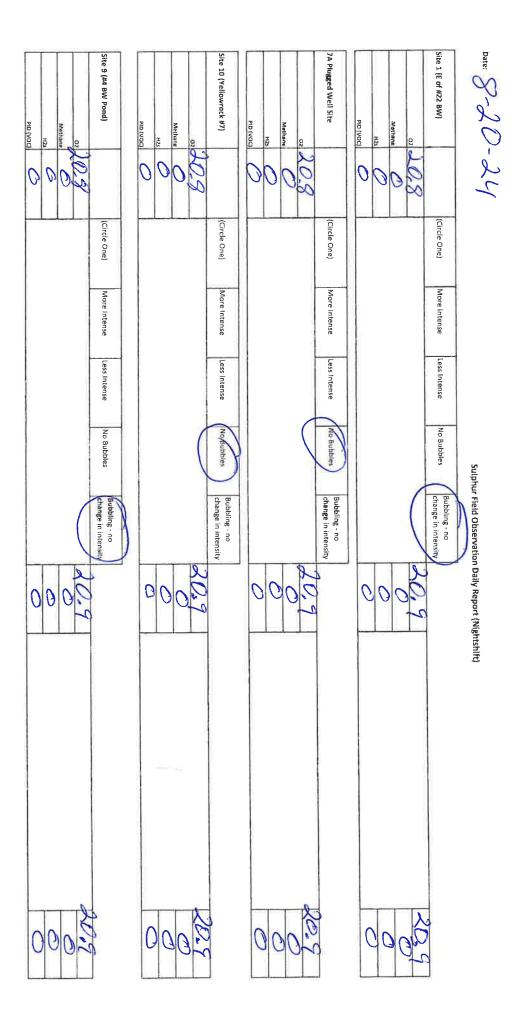
Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	(	2270.9	20.9		
	Metha		0		
	н	2s 0	Ο		
	PID (VC		Ď		

					Bubbling - no
ite 19 (#4 BW Pond)	(Circle One)	vlore Intense	Less Intense	No Bubbles	change in intensity
	1	Morning	Afternoon	-	
	02	20.9	20.9	4	
	Methane	P	0	-	
	H2s	<b>D</b>	1 Q	-	
	PID (VOC)	2	U		
Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	Not Present		
		Morning	Afternoon		
	02	N/A	N/A		
	Methane	N/A	N/A	-	
	HZs	5 N/A	N/A		
	PID (VOC	) N/A	N/A		$\bigcap$
	\	1		1	Bubbling - no
#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensit
		Morning	Afternoor	1	
	C	220.9	0.9		
	Methar		0		
	н	25	0		
	PID (VO		0	1	
					Bubbling - no
#7A Plugged Well Site	(Circle One)	More intense		No Bubble	s) change in intens
		Mornin		on	
		02 20.9	10.9		
	Meth	ane R			
		HZS D			
	PID (V	(OC) (JOI)			

#26 Bubble site (Salt Lake (Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity
		Morning	Afternoon		
		02 20 9	20.4		
	Meth	$\sim$	Ø	_	
		HZS D	0		
	PID (V		5		
#27 Bubble site (Road S of Yellow rock	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensi
shop)		Morning	Afternoor	1	
	· · · · · · · · · · · · · · · · · · ·	000	709		
		02 20.9	0		
	Meth	-	Q		
		H2s	3		
	PID (	voc)			
		1		No Bubbles	Bubbling - no
#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intens			change in inter
		Mornir	Afterno	G	
		02 20 0	20.		
	Met	thane Q	0		
		HZS O	-+R		
	PID	(voc) O			
#7 Well Pad Site General Housekeepi	ng	~	See Joaks or Ol	/brine	
		Check B	erms for leaks or oil ies at each connecti	on from	
		V centa	al pump to piping tie	a-in	
		/	Check cellar for oil eck Wellhead for lea		
			CK WEITHEAU IOF ICA		
New Observation or comments?					

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Changes, or comments?		#28 Bubble site (MW-2 500' Well) oz Methane H22 Pib (voc)	H27 Bubble site (Road 5 of Vellow rock shop) OX H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2	איזb Wellhead Cellar cz Methane H23 Pi0.tvoc	Site 19 (#4 BW Pond) ot 20, 8 Methode H31 0 Pip (voci 0
i O Seilly	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	(Circle One) More Intense Less	(Circle One) More Intense Less	(Circle One) More Intense Less	(Circle One) More Intense Less
	ig tie-in	tess Intense No Bubbles Change in intensity	Less Intense ro change in intensity	Less Intense No Bubbles Exbelsing - no change in intensity	Less Intense No Bubbles Bubbing - no change in intensity
		Vilv 2000 2000	Site 2009	00000	2000 90 90 90 90 90 90 90 90 90 90 90 90
		0000	0000	0000	0000