Westlake US 2 Daily Report
Date Reported: 10/9/2023

Pressure Data:

10/8/2023 @ 6PM
7B Tubing Press = 80.6 psig
7B Annulus Press = 435.1 psig
Downhole Pressure in 7B Tubing = 1425 psig
7B Brine Injection Rate = 324.4 GPM
6X Annulus Press = 175.0 psig
PPG 2 Tubing Pressure = 247.3 psig
PPG 2 Annulus Press = 348.9 psig
PPG 4 Tubing Pressure = 244.7 psig
PPG 4 Annulus Press = 260.3 psig

10/9/2023 @ 4AM
7B Tubing Press = 80.0 psig
7B Annulus Press = 434.6 psig
Downhole Pressure in 7B Tubing = 1425 psig
7B Brine Injection Rate = 322.9 GPM
6X Annulus Press = 175.1 psig
PPG 2 Tubing Pressure = 247.6 psig
PPG 2 Annulus Press = 349.3 psig
PPG 4 Tubing Pressure = 245.0 psig
PPG 4 Annulus Press = 260.6 psig

Site Observations:

-Confirmed that we can work under NWP 6 in this area W of #7. Excavation schedule for mid to late October, pending equipment availability.

Operational Notes:

-Gas removal or oil withdrawal:
-No gas was removed for any well yesterday.
-Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday.
-6X Obstruction Remediation:
-Work scheduled to start on 10-16. UIC-17 and work procedure will be submitted early next week.
-We have been observing a slow pressure drop on #6X over the last several weeks. This pressure is subject to change post remediation work. Westlake will continue to monitor this trend closely.
-3D Seismic:
-Lonquist working on completing final contour map based on clarifications from IMD.
-Monitoring wells:
-ERM has confirmed with Walker hill that deeper drilling depths if required to reach caprock are feasible. Meeting with IMD and Environmental scheduled for 10/9 to discuss path forward.
-Sub-surface Seismic:
-Long lead items have been ordered. We are still on track for installation in early 2024.
-Geo-mechanical Studies:
-Westlake is working with Lonquist to fund Respec on phase 2 modeling.
-Insar
-Recent data set continues to show recent non-linear trends. The data set also show areas outside of the dome experiencing similar displacements. TREA has been notified of these areas and is performing some quality control checks to investigate these areas further.

Reported by: Josh Bradley (Westlake)

Date: 10/8/23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	80.7	80.6	80.5	80.5	80.3	80.6	80.4	80.4	80.3	80.1	80.1	80.0
7b Annulus Pressure	435.2	435.1	435.1	435.0	435.0	434.9	434.8	434.9	434.8	434.8	434.7	434.6
7b Injection Rate	324.5	324.4	324.2	324.4	324.1	324.6	323.7	323.6	323.3	323.3	322.8	322.9
7b Downhole Gauge	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92	1425/92
6x Pressure	174.9	175.0	175.0	175.1	175.2	175.1	175.1	175.2	175.2	175.1	175.1	175.1
2 Tubing Pressure		247.3										247.6
2 Annulus Pressure		348.9										349.3
4 Tubing Pressure		244.7										245.0
4 Annulus Pressure		260.3										260.6

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.9		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.9		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.9		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 9 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.7		20.8
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 19 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.7		20.8
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.8						20.9		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	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 ✓

New Observation, Intensity changes, or comments?

7A plugged well site is drying up, bubbling is less intense.

Signature:

M. E.

Date: 10-8-23

Sulphur Field Observation Daily Report (Dayshift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	**Afternoon**		
O2		20.9	21.0		
H2S/Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	**Afternoon**		
O2		20.8	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	**Afternoon**		
O2		20.8	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	**Afternoon**		
O2		20.9	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	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	0.0
PID (VOC)	0.0	0.0

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	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	21.0
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	0.0

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	0.0
PID (VOC)	0.0	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	0.0
PID (VOC)	0.0	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	0.0
PID (VOC)	0.0	0.0

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	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	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	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	0.0		
PID (VOC)		0.0	0.0		

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	**Afternoon**		
O2		20.9	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 20 (Sheen on Crystal Creek (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	20.9	21.0
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	0.0

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	0.0

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0.0	0.0
PID (VOC)	0.0	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 ✓

New Observation or comments?

fuel cell #1 3/4 fuelcell #2 F

Signature: SM OW