Westlake US 2 Daily Report
Date Reported: 8/12/2023

Pressure Data:

8/11/2023 @ 6PM
7B Tubing Press = 85.1 psig
7B Annulus Press = 434.1 psig
Downhole Pressure in 7B Tubing = 1422 psig
7B Brine Injection Rate = 294.9 GPM
6X Annulus Press = 189.7 psig
PPG 2 Tubing Pressure = 219.0 psig
PPG 2 Annulus Press = 731.8 psig

8/12/2023 @ 4AM
7B Tubing Press = 91.4 psig
7B Annulus Press = 443.1 psig
Downhole Pressure in 7B Tubing = 1431 psig
7B Brine Injection Rate = 287.4 GPM
6X Annulus Press = 190.1 psig
PPG 2 Tubing Pressure = 219.3 psig
PPG 2 Annulus Press = 735.5 psig

Site Observations:

-none

Operational Notes:

-MIT testing on #22 brine well completed; successful test
-Brine injected into #7 is coming from the Starks dome
-Injection pump issues resolved
-Plan to start constant injection rate test tomorrow
-central lake water profile attached

Reported by: Josh Bradley (Westlake)

Date: 8/11/23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	83.1	85.1	84.4	86.3	85.9	86.5	87.0	88.1	89.0	89.6	90.4	91.4
7b Annulus Pressure	433.5	434.1	435.1	435.7	436.6	438.0	438.7	440.2	440.5	441.7	441.9	443.1
7b Injection Rate	294.5	294.9	294.2	294.7	293.8	294.0	294.3	294.8	289.0	288.5	287.4	287.4
7b Downhole Gauge	1421/93	1422/93	1423/93	1424/93	1425/93	1425/93	1427/93	1428/93	1429/93	1429/93	1430/93	1431/93
6x Pressure	189.7	189.7	189.8	189.8	189.8	189.9	189.9	190.0	190.0	190.0	190.1	190.1
2 Tubing Pressure		219.0										219.3
2 Annulus Pressure		731.8										735.5

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity						
O2	20.9						20.7					20.8
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						20.7					20.8
Methane	0						0					0
H2s	0						0					0
PID (VOC)	0						0					0

Site 1C (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity						
O2	20.7						20.8					20.8
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	20.9						20.7		20.7
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	20.9						20.7		20.7
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						20.7		20.8
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?	

Signature: M. E.

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Date:	8-11-23	Time:	7:30 am
Depth (ft):	5 ft. 4 1/2 in.		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.61	7.75	7.58
SC (uS/cm)	2648	2588	2593
ORP (mV)	101	18	-147
Temp (°C)	29.7	30.6	31.1
TDS (ppm)	1935	1888	1885

Cond

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond -

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond.

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond

Date: 8-11-23

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		21.0	21.1		
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		20.9	20.9		
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		20.9	20.9		
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	20.9		
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	20.9		
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	20.9		
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	20.9
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	21.0	21.0
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	20.9
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	20.9
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	20.9
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	20.9
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	20.9		
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	20.9		
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	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

~~Site 19 (#4 SW 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	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		21.0	20.9		
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		21.0	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	21.0	21.0
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?

#1 fuel cell ½

#2 fuel cell ½

Took water sample

Signature: SM