Facility Well Name Morton Salt #1 **UIC Permit #** KS-01-155-004 **Month** August **Year** 2023

Submitted 09/15/2023 **Approved** 09/21/2023 **KOLAR Document ID** 1729675

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 22

Barrels per Day Maximum: 5,714

	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Annulus Pressure psig min 60 Gauge psig	Annulus Pressure Cont. Record psig	Injection Pressure Gauge psig	Injection Pressure Cont. Record psig	Amount Added to Seal Pot
Monthly Average	2,426	1.71	104	100	-24.0	-5.3	0
Monthly Maximum	5,032	4.07	110	106	0.0	0.4	0
Monthly Minimum	0	0.00	0	5	-27.0	-24.1	0
Monthly Total	75,196						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
106.30	4.80	0.40	-24.10

Comments:

Leak on Annulus tank found on 8/28/23, repaired same day.

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Daily Recorder Data

Day	Time 24 hr	Injection Volume Barrels Per Day	Injection Rate Barrels Per Minute	Annulus Pressure (Gauge) psig	Annulus Pressure (Continuous Recorder) psig	Injection Pressure (Gauge) + / -	Injection Pressure (Continuous Recorder) + / -	Seal Pot Fluid Level inches	Type of Fluid Added to Seal Pot	Amount of Fluid Added to Seal Pot gallons	Initials of Collector of Field Recordings		
1	08:40	0.00	0.00	108	104.5	-27	-24.1	18	N/A	0	LC		
2	09:00	0.00	0.00	109	104.9	-27	-24.1	18	N/A	0	LC		
3	08:55	0.00	0.00	109	105.1	-16	-13.7	18	N/A	0	LC		
4	09:45	0.00	0.00	108	104.3	-27	-24.0	18	N/A	0	LC		
5	09:13	3,141.21	3.31	110	105.6	-26	-22.6	19	N/A	0	TV		
6	08:43	4,720.67	3.36	109	105.1	-26	-22.7	19	N/A	0	TV		
7	09:30	4,557.00	0.00	108	103.6	-27	-24.0	18	N/A	0	LC		
8	09:00	2,000.40	3.62	107	103.5	-4	-2.3	18	N/A	0	LC		
9	07:00	2,956.48	3.52	108	104.9	-26	-14.0	19	N/A	0	MC		
10	00:30	5,031.79	3.50	109	105.4	-26	0.4	19	N/A	0	MC		
11	10:30	5,031.79	3.48	108	105.6	-25	-0.4	19	N/A	0	LC		
12	12:50	4,978.90	3.43	109	106.3	-26	-0.4	19	N/A	0	LC		
13	08:25	4,932.76	3.19	109	105.8	-26	-0.4	19	N/A	0	LC		
14	09:10	3,076.81	3.45	109	105.4	-25	0.4	19	N/A	0	LC		
15	09:20	3,076.81	0.00	107	103.4	-26	0.4	18	N/A	0	LC		
16	08:46	1,240.79	0.00	107	103.4	-26	0.4	18	N/A	0	LC		
17	09:15	0.00	0.00	108	103.8	-27	0.4	18	N/A	0	LC		
18	09:22	55.45	0.00	107	103.4	-27	0.4	18	N/A	0	LC		
19	09:15	0.00	0.00	107	104.1	-26	0.4	18	N/A	0	TV		
20	08:58	0.00	0.00	108	104.7	-25	0.4	18	N/A	0	TV		
21	09:50	0.00	0.00	108	104.9	-26	0.4	18	N/A	0	LC		
22	08:35	0.00	0.00	107	105.1	-18	0.4	18	N/A	0	LC		
23	09:20	810.10	3.10	109	105.4	-27	0.4	18	N/A	0	AS		
24	08:15	35.88	0.00	108	105.2	-26	0.4	18	N/A	0	AS		
25	09:08	3,665.00	0.00	108	105.2	-27	0.4	18	N/A	0	LC		
26	09:15	4,218.69	4.07	109	105.6	0	0.4	18	N/A	0	LC		
27	11:30	3,879.83	3.02	109	106.0	-26	0.4	19	N/A	0	MC		
28	11:04	4,368.10	2.74	110	105.6	-26	0.4	18	N/A	0	AS		
29	08:55	4,580.02	3.19	0	4.8	-26	0.4	12	N/A	0	LC		
30	08:36	4,294.83	2.90	90	86.1	-25	0.4	12	N/A	0	LC		
31	08:40	4,542.43	3.17	90	86.5	-25	0.4	12	N/A	0	LC		

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Weekly Injectate Samples

Kansas Lab Certificate Number E-30303

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	78.20	08/02/2023	7.84	08/02/2023	175,000.0	08/02/2023	08/02/2023		
2	77.50	08/10/2023	7.90	08/10/2023	175,000.0	08/10/2023	08/10/2023		
3	81.10	08/17/2023	6.98	08/17/2023	160,000.0	08/17/2023	08/17/2023		
4	81.30	08/24/2023	8.29	08/24/2023	177,500.0	08/24/2023	08/24/2023		
5	94.60	08/31/2023	6.86	08/31/2023	165,000.0	08/31/2023	08/31/2023		

No monthly injectate samples required.