Facility Well Name Compass #3 **UIC Permit #** KS-01-159-005 **Month** October **Year** 2022

Submitted 11/29/2022 **Approved** 11/30/2022 **KOLAR Document ID** 1674953

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 24

Barrels per Day Maximum: 20,571

			Annulus Pressure psig min 50		Injection Pressure		
	Injection Volume Barrels per Day	Injection Rate Barrels per Minute	Gauge psig	Cont. Record psig	Gauge psig	Cont. Record psig	Amount Added to Seal Pot
Monthly Average	9,137	6.32	77	74	-14.0	-15.4	
Monthly Maximum	12,361	8.64	181	181	0.0	0.0	
Monthly Minimum	0	0.00	61	60	-19.0	-21.0	
Monthly Total	283,233						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
186.30	59.70	0.90	-31.50

Comments:

#3 F disposal well was shut down for compliance work on 10-19-22 and restarted on 10-26-22.

Compass #3 10/2022

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	Conductivity Mmhos	
1	13:54	10,026.38	8.62	73	70.2	-18	-20.6	7			KB	2,360.00	
2	06:39	12,247.33	8.64	71	69.1	-19	-20.8	7			JB	2,358.00	
3	07:07	12,331.64	8.55	71	68.9	-19	-20.7	7			JB	2,362.00	
4	09:03	12,361.36	8.48	71	68.8	-19	-20.7	7			JB	2,360.00	
5	07:38	12,322.62	8.55	71	69.4	-18	-20.7	7			BO	2,357.00	
6	07:26	12,292.93	8.57	71	68.7	-19	-20.8	7			BO	2,356.00	
7	07:39	12,317.38	8.62	71	67.8	-19	-21.0	7			BO	2,359.00	
8	07:14	12,284.71	8.60	71	67.3	-19	-21.0	7			BO	2,343.00	
9	08:25	12,230.31	8.52	71	67.6	-19	-21.0	7			BO	2,367.00	
10	08:03	12,258.71	8.43	71	67.7	-19	-20.9	7			BO	2,361.00	
11	07:51	12,244.90	8.50	71	69.0	-19	-20.5	7			BO	2,361.00	
12	10:10	12,333.31	8.55	72	68.7	-18	-20.8	7			KB	2,350.00	
13	09:46	12,348.67	8.57	72	68.1	-19	-20.6	7			KB	2,355.00	
14	07:45	12,321.02	8.57	71	67.5	-18	-20.4	7			KB	2,357.00	
15	11:40	12,322.38	8.62	71	68.0	-19	-20.6	7			KB	2,357.00	
16	08:13	12,262.76	8.45	71	68.0	-19	-20.8	7			KB	2,354.00	
17	11:10	12,319.12	8.52	72	68.6	-19	-20.9	7			KB	2,370.00	
18	08:19	12,320.17	8.55	71	68.0	-19	-21.0	7			KB	2,355.00	
19	07:19	0.00	0.00	74	71.5	0	0.0	7			BO	10.00	
20	07:22	0.00	0.00	181	181.3	0	0.0	7			BO	9.00	
21	08:43	0.00	0.00	81	78.6	0	0.0	7			BO	9.00	
22	10:45	0.00	0.00	81	78.6	0	0.0	7			BO	9.00	
23	08:40	0.00	0.00	81	78.6	0	0.0	7			BO	9.00	
24	07:20	0.00	0.00	81	78.6	0	0.0	7			BO	9.00	
25	08:15	0.00	0.00	81	78.6	0	0.0	7			BO	9.00	
26	08:38	3,304.36	0.00	70	67.0	0	0.0	7			JB	2,327.00	
27	07:57	12,180.12	8.43	65	62.0	-19	-20.6	7			JB	2,461.00	
28	06:49	12,194.93	8.29	61	59.9	-19	-21.0	7			JB	2,454.00	
29	06:58	12,138.43	8.40	80	76.1	-19	-21.0	7			JB	2,422.00	
30	06:50	12,138.86	8.38	78	74.6	-19	-20.7	7			JB	2,412.00	
31	07:31	12,130.81	8.38	75	71.7	-19	-20.8	7			KB	2,403.00	

Compass #3 10/2022

Weekly Injectate Samples

Kansas Lab Certificate Number E-30320

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	58.40	10/03/2022	7.53	10/03/2022	580.0	10/03/2022	10/03/2022		
2	57.30	10/09/2022	7.35	10/09/2022	580.0	10/09/2022	10/09/2022		
3	57.20	10/18/2022	7.59	10/18/2022	574.0	10/18/2022	10/18/2022		
4		10/25/2022		10/25/2022		10/25/2022	10/25/2022		
5	59.30	10/31/2022	7.53	10/31/2022	553.0	10/31/2022	10/31/2022		

No monthly injectate samples required.

Compass #3 10/2022

Quarterly Injectate Samples

Quarter 4
Date Sample Collected 10/09/2022
Kansas Lab Certificate Number E-10116
Lab Name Pace Analytical-Lenexa

These samples shall be representative of injection activity and shall therefore be collected on days of injection.

Constituent	Value	Units
Calcium	109.000	mg/l
Iron	<0.050	mg/l
Magnesium	13.500	mg/l
Sulfate	113.000	mg/l
Total Alkalinity as CaCO3	328.000	mg/l
Total Dissolved Solids	1,450.000	mg/l
Total Hardness as CaCO3	329.000	mg/l