Facility Well Name Evonik #3 **UIC Permit #** KS-01-173-001 **Month** June **Year** 2022

Submitted 07/21/2022 **Approved** 07/28/2022 **KOLAR Document ID** 1657250

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 30

Barrels per Day Maximum: 12,690

			Annulus Pressure psig min 100		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	1,285	1.08	162	155	-4.7	-5.7	
Monthly Maximum	2,633	2.36	175	168	4.0	1.9	
Monthly Minimum	2	0.00	150	144	-14.0	-15.1	
Monthly Total	38,553						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
170.35	139.29	3.80	-14.39

Comments:

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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	07:46	1,779.05	2.36	160	155.3	3	1.3	5			BE		
2	08:13	2,233.90	2.14	168	160.7	1	0.4	5			BE		
3	09:17	782.48	2.02	175	168.3	2	1.5	5			BE		
4	08:20	429.14	0.00	170	161.3	-14	-14.3	5			AG		
5	07:50	1,020.76	2.12	170	165.1	4	1.5	5			AG		
6	08:10	1,770.48	2.14	160	153.1	2	1.1	5			BE		
7	06:08	2.29	0.00	155	145.6	-13	-14.2	5			BE		
8	07:35	1,731.62	1.90	162	155.0	2	1.1	5			BE		
9	07:53	1,797.71	2.00	168	158.9	3	1.6	5			BE		
10	08:54	2,633.14	2.17	160	152.2	2	0.9	5			CS		
11	06:13	1,775.05	0.00	160	156.6	-12	-13.7	5			CM		
12	06:50	1,172.95	1.69	165	157.4	2	1.2	5			SD		
13	10:18	1,191.14	0.00	160	156.4	-13	-13.4	5			BE		
14	04:20	444.67	0.00	160	151.5	-13	-13.1	5			RI		
15	07:52	908.38	2.02	168	160.6	2	1.7	5			CS		
16	08:42	1,515.43	1.83	170	162.0	3	1.9	5			CS		
17	06:21	1,680.95	0.00	163	157.6	-13	-14.0	5			RI		
18	09:00	1,720.05	1.95	170	165.9	2	1.6	5			CD		
19	07:45	980.24	1.88	155	147.7	2	0.9	5			CD		
20	09:00	1,239.29	1.86	155	146.4	2	1.7	5			CD		
21	09:38	1,601.95	0.00	160	147.8	-12	-13.0	5			BE		
22	08:26	1,111.62	0.00	160	148.2	-13	-13.4	5			BE		
23	08:21	1,557.33	2.24	150	145.4	2	1.6	5			BE		
24	10:11	1,194.48	0.00	152	143.8	-12	-13.3	5			BE		
25	11:20	745.90	0.00	150	150.0	-12	-13.4	5			OB		
26	11:52	1,360.19	0.00	160	151.3	-13	-13.8	5			ZB		
27	09:10	1,040.95	2.05	151	150.9	2	1.0	5			BE		
28	08:18	1,192.38	0.00	168	161.5	-12	-15.1	5			BE		
29	07:20	1,145.52	0.00	165	165.3	-13	-13.6	5			CS		
30	05:51	794.29	0.00	165	154.7	-13	-13.6	5			CS		
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Weekly Injectate Samples

Kansas Lab Certificate Number E-92301

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	73.80	06/01/2022	9.93	06/01/2022					
2	81.50	06/08/2022	11.26	06/08/2022					
3	95.80	06/16/2022	10.36	06/16/2022					
4	89.00	06/23/2022	10.83	06/23/2022					
5	91.50	06/29/2022	10.92	06/29/2022					

Monthly Injectate Samples

Date Sample Collected 06/01/2022

Kansas Lab Certificate Number 10116

Constituent	Value	Units
Acetone	0.000	mg/l
Acrylonitrile	0.000	mg/l
Benzene	0.000	mg/l
Chloride	19.800	mg/l
Nickel	0.007	mg/l

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Quarterly Injectate Samples

Quarter 2
Date Sample Collected 04/08/2022
Kansas Lab Certificate Number E-10378
Lab Name Meridian Analytical

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

Constituent	Value	Units
3 (N,N-Dimethylamino Propionitrile)	114.000	mg/l
Aniline	0.000	mg/l
Cyclohexylamine	0.000	mg/l
Dicyclohexylamine	9.150	mg/l
N (3 Aminopropyl) Cyclohexylamine	0.000	mg/l
N,N-Dimethylcyclohexylamine	400.000	mg/l
N-Methyldicyclohexylamine	180.000	mg/l
O-Toluidine	0.000	mg/l
Pentamethyldipropylene-triamine	3,600.000	mg/l
Sulfate	48.200	mg/l