Facility Well Name Evonik #1 **UIC Permit #** KS-01-173-002 **Month** June **Year** 2022

Submitted 07/21/2022 **Approved** 07/28/2022 **KOLAR Document ID** 1657249

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	1,130	0.90	160	158	-3.3	-3.3	
Monthly Maximum	1,766	1.76	160	166	0.0	-0.2	
Monthly Minimum	2	0.00	159	150	-9.0	-8.7	
Monthly Total	33,912						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
171.46	160.49	3.16	-11.23

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	07:33	1,502.90	1.21	160	151.1	-5	-5.3	39			BE		
2	08:03	1,629.57	1.12	160	156.9	-4	-3.5	40			BE		
3	08:57	1,460.31	1.05	160	163.1	-2	-2.1	41			BE		
4	07:20	1,246.07	1.05	160	159.7	-3	-3.3	40			AG		
5	07:35	1,178.88	1.26	160	154.6	-2	-2.5	40			AG		
6	07:58	1,472.48	1.24	160	151.9	-3	-3.2	39			BE		
7	06:51	2.02	0.00	160	154.3	-9	-8.7	39			BE		
8	07:51	986.05	1.10	160	162.0	-3	-3.0	41			BE		
9	07:18	1,464.48	0.98	160	163.5	-2	-1.8	41			BE		
10	08:33	1,766.02	1.36	160	149.6	-3	-2.9	40			CS		
11	06:00	1,363.86	0.86	160	165.6	-2	-1.6	40			CM		
12	06:57	1,211.05	1.12	160	165.2	-2	-2.0	40			SD		
13	10:05	1,497.14	0.95	160	164.8	-2	-2.4	42			BE		
14	06:30	991.76	0.76	160	164.3	-2	-1.8	39			RI		
15	07:40	1,226.45	1.76	160	163.8	-2	-2.2	42			CS		
16	08:36	109.19	0.00	160	155.1	0	-0.2	40			CS		
17	06:13	762.17	0.79	160	156.4	-6	-6.4	39			RI		
18	09:00	1,248.95	0.67	160	161.4	-6	-5.8	39			CD		
19	07:45	849.12	0.62	160	159.9	-6	-5.5	39			CD		
20	08:20	875.95	0.55	160	162.0	-4	-4.3	39			CD		
21	09:30	790.57	0.60	160	150.0	-5	-4.7	41			BE		
22	08:21	982.12	0.74	160	160.5	-3	-2.6	41			BE		
23	08:11	1,102.45	0.83	160	157.1	-3	-3.4	41			BE		
24	10:05	1,208.26	0.79	160	159.8	-3	-2.7	42			BE		
25	11:00	1,171.90	1.31	160	157.0	-3	-3.0	41			OB		
26	12:01	1,255.38	0.98	159	149.9	-4	-3.7	40			ZB		
27	09:02	1,101.40	0.95	160	149.6	-4	-3.9	40			BE		
28	08:11	1,212.17	0.76	160	156.3	-1	-1.7	42			BE		
29	07:14	1,156.24	0.86	160	152.5	-2	-2.5	40			CS		
30	05:38	1,086.88	0.88	160	152.7	-2	-2.5	40			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