Facility Well Name Evonik #1 **UIC Permit #** KS-01-173-002 **Month** July **Year** 2023

Submitted 08/25/2023 **Approved** 08/30/2023 **KOLAR Document ID** 1726941

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

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	1,921	1.22	163	157	-2.9	-2.8	
Monthly Maximum	2,507	2.07	164	167	0.0	0.9	
Monthly Minimum	1,254	0.00	152	146	-11.0	-10.7	
Monthly Total	59,564						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
172.61	143.67	4.72	-13.32

Comments:

Evonik #1 07/2023

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	02:10	1,397.62	0.00	152	164.0	-4	0.0	40			DF		
2	09:08	1,538.40	1.64	164	152.0	0	-0.6	40			SB		
3	09:31	2,099.64	1.43	164	153.9	-1	-0.6	41			BE		
4	08:20	1,971.76	1.40	164	152.1	-1	-1.4	41			AHG		
5	10:31	2,153.52	1.93	164	146.1	-3	-3.2	39			BE		
6	09:14	2,356.05	2.07	164	149.2	-3	-2.7	39			BE		
7	10:45	2,290.10	1.38	164	165.4	-1	0.9	41			RI		
8	06:54	1,917.00	1.71	162	161.3	-1	-1.5	41			SD		
9	05:59	1,948.14	1.40	160	163.3	-1	-0.8	40			SD		
10	09:37	2,168.98	1.45	164	164.2	-1	-0.9	41			BE		
11	07:50	1,672.07	1.31	164	165.2	0	-0.1	41			BE		
12	06:32	1,813.14	1.36	164	165.2	0	-0.2	41			RI		
13	08:12	2,078.93	1.31	164	167.3	0	-0.2	42			BE		
14	09:30	2,123.31	1.50	164	158.8	-1	-1.1	40			BE		
15	06:00	1,813.05	1.38	164	161.6	-1	-0.4	41			JB		
16	06:30	1,753.81	1.24	164	164.9	-1	-0.1	42			JB		
17	08:17	2,020.17	1.67	164	154.4	-2	-2.4	39			BE		
18	09:10	1,797.33	1.64	164	155.3	-2	-1.9	39			BE		
19	09:23	1,925.33	0.00	164	157.0	-9	-9.3	40			BE		
20	08:03	2,045.69	1.86	164	149.4	-3	-2.9	39			BE		
21	06:54	1,789.14	1.83	163	148.6	-2	-2.4	39			RI		
22	10:10	2,507.05	0.00	164	157.0	-7	-9.2	39			JH		
23	06:55	1,253.64	0.00	163	158.2	-9	-9.1	39			VM		
24	08:16	1,958.38	1.52	164	160.4	-1	-1.1	41			BE		
25	07:50	1,329.40	0.00	164	156.0	-8	-7.7	39			BE		
26	07:56	2,033.52	1.36	164	162.5	-1	-1.3	41			BE		
27	09:18	2,138.02	1.55	164	160.2	-1	-0.8	41			BE		
28	09:51	1,936.64	0.00	164	152.6	-11	-10.7	39			BE		
29	11:35	1,922.81	0.00	164	152.9	-10	-10.6	39			CS		
30	12:30	2,149.74	1.86	163	151.4	-3	-2.9	39			BD		
31	09:27	1,661.38	1.95	164	151.1	-3	-3.0	39			BE		

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	83.80	07/05/2023	10.08	07/05/2023					
2	91.90	07/12/2023	10.90	07/12/2023					
3	85.20	07/20/2023	10.58	07/20/2023					
4	93.70	07/26/2023	10.45	07/26/2023					
5									

Monthly Injectate Samples

Date Sample Collected 07/05/2023
Kansas Lab Certificate Number 10116

Constituent	Value	Units
Acetone	0.050	mg/l
Acrylonitrile	0.000	mg/l
Benzene	0.000	mg/l
Chloride	7.700	mg/l
Nickel	0.000	mg/l

Quarterly Injectate Samples

Quarter 3
Date Sample Collected 07/07/2023
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)	33.200	mg/l
Aniline	0.000	mg/l
Cyclohexylamine	14.600	mg/l
Dicyclohexylamine	0.762	mg/l
N (3 Aminopropyl) Cyclohexylamine	124.000	mg/l
N,N-Dimethylcyclohexylamine	15.000	mg/l
N-Methyldicyclohexylamine	0.000	mg/l
O-Toluidine	0.000	mg/l
Pentamethyldipropylene-triamine	0.000	mg/l
Sulfate	5.370	mg/l