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

Submitted 07/26/2023 **Approved** 07/28/2023 **KOLAR Document ID** 1723490

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	1,948	1.36	162	159	-0.6	-0.7	
Monthly Maximum	4,068	1.90	165	166	1.0	0.8	
Monthly Minimum	13	0.00	154	151	-9.0	-9.2	
Monthly Total	58,428						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
172.63	147.96	3.67	-10.53

Comments:

Evonik #1 06/2023

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	06:30	1,934.62	1.50	164	163.0	0	0.0	41			RI		
2	08:18	2,504.48	1.74	164	158.5	-2	-1.7	41			BE		
3	10:00	2,308.69	1.45	158	161.1	0	-0.1	41			CH		
4	09:40	2,155.95	1.90	158	160.9	-1	-1.7	41			CH		
5	07:39	1,940.21	1.57	164	159.5	-1	-0.3	41			BE		
6	07:56	13.00	0.00	164	150.7	-9	-9.2	39			BE		
7	08:04	1,707.12	1.33	164	164.1	0	0.2	42			BE		
8	07:49	2,296.02	1.31	164	164.3	0	0.1	41			BE		
9	07:18	2,157.29	1.45	164	164.0	-1	-0.7	41			BE		
10	08:15	2,413.64	1.81	164	164.1	-1	-2.6	41			JH		
11	10:45	1,986.33	1.24	164	163.0	0	0.3	41			CS		
12	11:58	2,002.86	1.50	164	159.5	0	-0.6	41			BE		
13	07:48	1,643.07	1.00	164	161.9	0	-0.9	41			BE		
14	09:24	1,897.33	1.67	164	151.7	-2	-1.7	39			BE		
15	06:22	1,837.86	1.40	163	158.3	0	-0.2	41			RI		
16	07:16	1,811.90	1.26	164	161.6	0	0.2	42			RI		
17	06:46	1,456.14	1.02	165	154.7	0	-0.3	41			SB		
18	09:36	1,991.69	1.48	163	158.7	0	-0.9	41			SB		
19	06:37	1,402.02	1.12	162	165.5	0	0.3	41			CM		
20	07:30	1,680.36	1.33	164	158.1	1	-0.5	41			RI		
21	07:20	1,792.88	1.19	164	163.6	0	0.5	42			RI		
22	07:25	2,066.38	1.71	164	151.5	-1	-1.2	41			RI		
23	06:55	2,389.31	1.79	154	152.7	-1	-1.1	39			RI		
24	05:43	1,397.86	1.45	155	156.8	0	0.0	39			SB		
25	06:17	4,067.83	1.10	160	161.7	0	0.8	39			SB		
26	09:27	1,966.31	1.26	164	160.9	1	0.5	42			RI		
27	10:10	2,079.86	1.50	154	154.2	0	-0.4	41			RI		
28	07:42	1,821.79	1.43	164	155.9	0	-0.3	41			BE		
29	07:23	1,916.52	1.33	164	158.1	0	0.3	41			BE		
30	09:53	1,788.57	1.05	164	163.5	0	0.6	42			BE		
31													

Evonik #1 06/2023

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	97.60	06/07/2023	10.71	06/07/2023					
2	91.30	06/14/2023	10.26	06/14/2023					
3	90.60	06/22/2023	10.58	06/22/2023					
4	99.40	06/28/2023	10.41	06/28/2023					
5									

Monthly Injectate Samples

Date Sample Collected 06/08/2023

Kansas Lab Certificate Number 10116

Constituent	Value	Units
Acetone	0.134	mg/l
Acrylonitrile	0.000	mg/l
Benzene	0.006	mg/l
Chloride	41.300	mg/l
Nickel	0.084	mg/l

Evonik #1 06/2023

Quarterly Injectate Samples

Quarter 3
Date Sample Collected 05/31/2023
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)	34.900	mg/l
Aniline	0.000	mg/l
Cyclohexylamine	3.090	mg/l
Dicyclohexylamine	4.820	mg/l
N (3 Aminopropyl) Cyclohexylamine	0.000	mg/l
N,N-Dimethylcyclohexylamine	46.200	mg/l
N-Methyldicyclohexylamine	41.800	mg/l
O-Toluidine	0.000	mg/l
Pentamethyldipropylene-triamine	13.600	mg/l
Sulfate	0.000	mg/l