Facility Well Name CHS Refinery #2 **UIC Permit #** KS-01-113-009 **Month** May **Year** 2024

Submitted 06/21/2024 **Approved** 06/24/2024 **KOLAR Document ID** 1783111

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 31

Barrels per Day Maximum: 34,286

			Annulus Pressure psig min 60		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	13,722	9.53	102	99	2.5	1.5	
Monthly Maximum	18,125	12.60	106	103	11.0	9.7	
Monthly Minimum	10,275	7.14	98	95	1.0	0.7	
Monthly Total	425,380						

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
116.51	92.06	16.62	0.59

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	07:00	13,303.24	9.24	98	95.3	3	1.4	5			CG		
2	07:00	13,245.69	9.19	100	97.2	2	0.9	4			CG		
3	07:00	12,090.48	8.40	102	98.0	2	1.2	5			TY		
4	07:00	16,404.55	11.38	106	99.6	3	1.3	4			TY		
5	07:00	15,416.38	10.71	102	99.1	2	1.0	5			NB		
6	07:00	14,051.05	9.76	100	96.7	2	1.1	5			NB		
7	07:00	12,632.17	8.76	104	100.3	2	1.8	4			MW		
8	07:00	13,062.19	9.07	104	99.7	1	0.7	3			TY		
9	07:00	12,854.21	8.93	106	102.7	2	1.0	3			TY		
10	07:00	12,215.07	8.48	104	101.1	2	1.0	4			NB		
11	07:00	11,934.74	8.29	104	101.4	2	1.1	4			NB		
12	07:00	11,748.81	8.17	102	97.7	2	0.8	3			NB		
13	07:00	11,875.67	8.24	104	102.2	2	0.8	3			BD		
14	07:00	11,728.40	8.14	100	101.7	2	0.7	3			MB		
15	07:00	12,455.50	8.64	103	98.3	2	0.9	3			MW		
16	07:00	12,530.74	8.69	103	97.9	2	0.9	3			MW		
17	07:00	12,501.38	8.69	102	102.8	2	1.1	5			BD		
18	07:00	12,331.90	8.57	102	101.2	2	1.2	3			BD		
19	07:00	11,818.19	8.21	102	100.1	2	1.2	4			BD		
20	07:00	11,804.69	8.19	98	95.7	3	1.7	3			CG		
21	07:00	10,274.50	7.14	106	101.5	2	1.4	2			CG		
22	07:00	14,925.88	10.36	102	102.0	2	1.4	4			BD		
23	07:00	14,386.02	10.00	102	100.1	4	1.8	6			BD		
24	07:00	14,880.64	10.33	105	101.5	2	1.3	3			CG		
25	07:00	14,885.52	10.33	100	98.0	2	1.4	6			CG		
26	07:00	16,085.79	11.17	102	98.7	2	1.6	5			CG		
27	07:00	18,125.48	12.60	100	96.7	11	9.7	5			TY		
28	07:00	17,814.79	12.38	99	96.7	2	1.5	4			TY		
29	07:00	16,807.21	11.67	104	99.4	2	1.6	6			CG		
30	07:00	15,193.69	10.55	98	96.4	2	1.5	6			CG		
31	07:00	15,995.62	11.12	104	97.6	3	1.7	6			TY		

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Weekly Injectate Samples

Kansas Lab Certificate Number E-10116

Week	**Temperature**		**pH**		**Chloride**				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1									
2	94.00	05/07/2024	7.48	05/07/2024	655.0	05/07/2024	06/05/2024		
3	88.00	05/14/2024	6.98	05/14/2024	706.0	05/14/2024	06/05/2024		
4	85.00	05/21/2024	7.42	05/21/2024	585.0	05/21/2024	06/05/2024		
5	87.00	05/28/2024	7.37	05/28/2024	537.0	05/28/2024	06/05/2024		

No monthly injectate samples required.