Facility Well Name ETP (Regency) #1 **UIC Permit #** KS-01-093-001 **Month** January **Year** 2019

Submitted 02/19/2019 **Approved** 05/26/2019 **KOLAR Document ID** 1444803

Class I-V Injection Well Monthly Monitoring

Summary of Monthly Report

Number of days injection occurred: 0

Barrels per Day Maximum: 1,429

			Annulus Pressure psig min 50		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	0	0.00	66	65	-23.3	-20.3	0
Monthly Maximum	0	0.00	70	70	-17.0	-14.7	0
Monthly Minimum	0	0.00	59	57	-24.0	-64.0	0
Monthly Total	0						0

Summary of Continuous Recorder Data

Maximum Annulus Pressure psig	Minimum Annulus Pressure psig	Maximum Injection Pressure psig	Minimum Injection Pressure psig
70.32	59.40	-15.78	-21.34

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	07:54	0.00	0.00	59	56.9	-24	-14.7	15	0	0	MLJ		
2	06:26	0.00	0.00	61	58.8	-24	-16.8	15	0	0	MLJ		
3	06:25	0.00	0.00	62	59.7	-24	-17.5	15	0	0	MLJ		
4	06:23	0.00	0.00	62	60.6	-24	-18.3	15	0	0	MLJ		
5	10:48	0.00	0.00	64	62.7	-23	-19.8	5	0	0	GN		
6	15:00	0.00	0.00	66	65.3	-22	-20.8	15	0	0	GN		
7	06:23	0.00	0.00	65	62.9	-24	-19.7	15	0	0	MLJ		
8	06:25	0.00	0.00	68	66.5	-24	-19.1	15	0	0	MLJ		
9	06:21	0.00	0.00	68	66.4	-24	-19.2	15	0	0	MLJ		
10	06:21	0.00	0.00	69	67.5	-24	-19.5	15	0	0	MLJ		
11	06:22	0.00	0.00	70	69.8	-24	-19.9	15	0	0	MLJ		
12	09:12	0.00	0.00	65	64.0	-23	-64.0	15	0	0	DF		
13	06:54	0.00	0.00	68	66.7	-24	-19.5	15	0	0	DF		
14	06:32	0.00	0.00	68	66.7	-24	-19.5	15	0	0	MLJ		
15	06:27	0.00	0.00	67	66.0	-24	-19.0	15	0	0	MLJ		
16	06:24	0.00	0.00	69	67.3	-24	-19.6	15	0	0	MLJ		
17	06:23	0.00	0.00	68	66.4	-24	-19.3	15	0	0	MLJ		
18	06:24	0.00	0.00	70	68.1	-24	-19.9	15	0	0	MLJ		
19	09:15	0.00	0.00	64	63.3	-17	-17.2	15	0	0	MMM		
20	13:11	0.00	0.00	70	68.5	-23	-20.4	15	0	0	MMM		
21	06:27	0.00	0.00	69	67.2	-24	-19.5	15	0	0	MLJ		
22	06:04	0.00	0.00	66	64.5	-23	-17.5	15	0	0	MLJ		
23	06:21	0.00	0.00	64	63.0	-23	-16.7	15	0	0	MLJ		
24	06:24	0.00	0.00	70	68.1	-24	-19.9	15	0	0	MLJ		
25	07:33	0.00	0.00	69	67.8	-23	-19.9	15	0	0	JC		
26	11:21	0.00	0.00	66	65.7	-22	-18.8	15	0	0	JC		
27	10:41	0.00	0.00	67	66.5	-22	-19.3	15	0	0	MLJ		
28	06:25	0.00	0.00	68	66.1	-23	-18.8	15	0	0	MLJ		
29	06:25	0.00	0.00	66	64.4	-23	-17.9	15	0	0	MLJ		
30	06:26	0.00	0.00	66	64.5	-23	-17.5	15	0	0	MLJ		
31	06:25	0.00	0.00	67	65.2	-23	-18.4	15	0	0	MLJ		

Weekly Injectate Samples

Kansas Lab Certificate Number

Week	Temperature		pH		Chloride				
	Degrees Fahrenheit	Date	Standard Units	Date	Cl concentration (mg/l)	Date Sample Collected	Date Sampl Analysed		
1	90.00	01/02/2019			N/A				
2	105.81	01/09/2019			N/A				
3	107.85	01/16/2019			N/A				
4	91.49	01/23/2019			N/A				
5	96.74	01/30/2019			N/A				

No monthly injectate samples required.

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Quarterly Injectate Samples

Quarter
Date Sample Collected 01/30/2018
Kansas Lab Certificate Number 981723729
Lab Name

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

Constituent	Value	Units
Calcium	39.700	mg/l
Chloride	165.000	mg/l
Iron	17.900	mg/l
Magnesium	9.700	mg/l
Sulfate	36.900	mg/l
Total Dissolved Solids	572.000	mg/l
Total Alkalinity as CaCO3	264.000	mg/l (as CaCO3)
Total Hardness as CaCO3	139.000	mg/l (as CaCO3)
Conductivity	1,230.000	Mmhos