

Table 1  
Water Sampling Laboratory Results Summary - 2017 Quarterly  
Laramie Energy - Harrison Creek Water Treatment Facility

Location / Date	Benzene (MCL = 5 µg/L)	Toluene (MCL = 1,000 µg/L)	Ethylbenzene (MCL = 7000 µg/L)	Xylene (MCL = 10,000 µg/L)	Gasoline Range Organics (mg/L)	Diesel Range Organics (mg/L)	Methane (mg/L)	Ethane (mg/L)	Propane (mg/L)	Alkalinity - Total as CaCO3 (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphorus - Total (mg/L)	Total Dissolved Solids (mg/L)	Specific Conductivity (umhos/cm)	Sulfate (mg/L)	pH	Iron-Related Bacteria (CFU/mL)	Slime Forming Bacteria (CFU/mL)	Sulfate Reducing Bacteria (CFU/mL)	Barium (mpg/L)	Boron (mg/L)	Calcium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Strontium (mg/L)	
Buzzard Creek																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	214	ND	6.26	0.15	ND	ND	NA	303	4466	23.6	8.3	NA	NA	NA	NA	NA	NA	65.3	ND	13.0	0.013	1.43	ND	21.1	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	90	ND	ND	ND	ND	ND	NA	105	162	ND	8.2	NA	NA	NA	NA	NA	NA	23.5	0.23	4.8	ND	ND	ND	5.0	NA
9/28/2017	ND	ND	ND	ND	0.107	ND	NA	NA	NA	207	98.9	11.0	0.19	ND	ND	NA	326	463	23.5	8.0	NA	NA	NA	NA	NA	NA	54.8	ND	13.4	ND	2.87	ND	27.5	NA
12/1/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	221	ND	4.19	ND	ND	ND	NA	291	439	16.8	8.1	NA	NA	NA	NA	NA	NA	65.0	ND	13.5	ND	1.57	ND	16.5	NA
Harrison Creek																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	270	ND	26.2	0.27	ND	ND	NA	512	780	102.0	8.2	NA	NA	NA	NA	NA	NA	75.7	ND	17.6	ND	2.02	ND	76.4	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	268	ND	14.5	0.24	ND	ND	NA	416	41	61.3	8.3	NA	NA	NA	NA	NA	NA	57.6	ND	18.5	ND	2.27	ND	61.5	NA
9/28/2017	DRY									DRY											DRY			DRY										
12/1/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	347	ND	47.0	0.281	ND	ND	NA	891	1200	251	8.0	NA	NA	NA	NA	NA	NA	105	ND	32.8	0.042	2.81	ND	139	NA
HCCWS1 (Harrison Creek Cabin)																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	232	ND	89.6	6.74	ND	ND	NA	592	916	64.4	8.6	NA	NA	NA	NA	NA	NA	2.3	ND	ND	ND	ND	ND	197	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	259	ND	63.9	6.90	ND	ND	NA	546	8520	63.5	8.6	NA	NA	NA	NA	NA	NA	2.1	ND	ND	ND	ND	ND	196	NA
9/28/2017	No Generator									No Generator											No Generator			No Generator										
12/1/2017	ND	ND	ND	ND	ND	0.102	NA	NA	NA	218	ND	218	6.06	ND	ND	NA	865	1190	28.6	8.6	NA	NA	NA	NA	NA	NA	3.61	ND	ND	0.0211	ND	ND	254	NA
MW-1																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	313	ND	12.6	0.25	2.15	ND	NA	441	685	19.7	7.5	NA	NA	NA	NA	NA	NA	92.5	ND	15.3	ND	1.01	ND	38.7	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	260	ND	22.6	0.24	0.56	ND	NA	657	634	46.3	7.4	NA	NA	NA	NA	NA	NA	76.6	ND	14.7	ND	2.65	0.011	47.2	NA
9/28/2017	ND	ND	ND	ND	0.104	ND	NA	NA	NA	261	91.7	23.4	0.20	0.45	ND	NA	475	139	49.5	7.5	NA	NA	NA	NA	NA	NA	74.7	ND	15.1	ND	2.3	ND	47.5	NA
12/1/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	294	ND	12.9	0.26	1.44	0.1	NA	447	628	19.4	7.8	NA	NA	NA	NA	NA	NA	56.1	ND	7.91	ND	2.39	ND	80.6	NA
MW-2																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	139	ND	3.68	0.36	0.94	ND	NA	202	321	15.2	7.8	NA	NA	NA	NA	NA	NA	33.9	ND	8.9	ND	2.12	ND	22.0	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	143	ND	3.73	0.30	0.95	ND	NA	207	318	19.1	7.8	NA	NA	NA	NA	NA	NA	32.0	ND	8.4	ND	2.60	ND	23.8	NA
9/28/2017	DRY									DRY											DRY			DRY										
12/1/2017	DRY									DRY											DRY			DRY										
MW-3																																		
3/9/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	234	ND	22.2	0.27	0.75	ND	NA	399	603	47.6	7.5	NA	NA	NA	NA	NA	NA	65.3	ND	13.0	0.013	1.43	ND	21.1	NA
6/7/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	348	ND	13.9	0.23	2.50	ND	NA	473	729	20.0	7.3	NA	NA	NA	NA	NA	NA	109	ND	18.4	ND	ND	ND	36.0	NA
9/28/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	207	98.9	11.0	0.19	ND	ND	NA	1020	463	23.5	8.0	NA	NA	NA	NA	NA	NA	67.2	ND	10.6	ND	2.35	ND	70.3	NA
12/1/2017	ND	ND	ND	ND	ND	ND	NA	NA	NA	248	ND	22.6	0.27	0.75	ND	NA	446	616	45.4	7.6	NA	NA	NA	NA	NA	NA	73.3	ND	14.2	ND	2.41	ND	44.9	NA

Notes: MCL = maximum contaminant level  
µg/L = micrograms per liter  
mg/L = milligrams per liter  
CFU/mL = colony forming units per milliliter  
**BOLD** = Detection of organic analyte  
**99.9** = Detection of analyte over COGCC Table 910-1 listed concentration