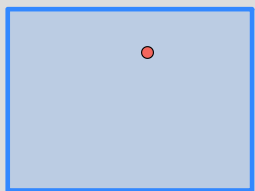
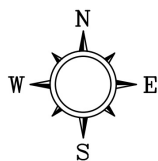


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Latitude: 40.085429  
Longitude: -105.034257



Crestone Peak Resources  
Brown C Unit 2

**FIGURE 1**  
**SITE LOCATION MAP**

40.085429, -105.034257  
Erie, Colorado



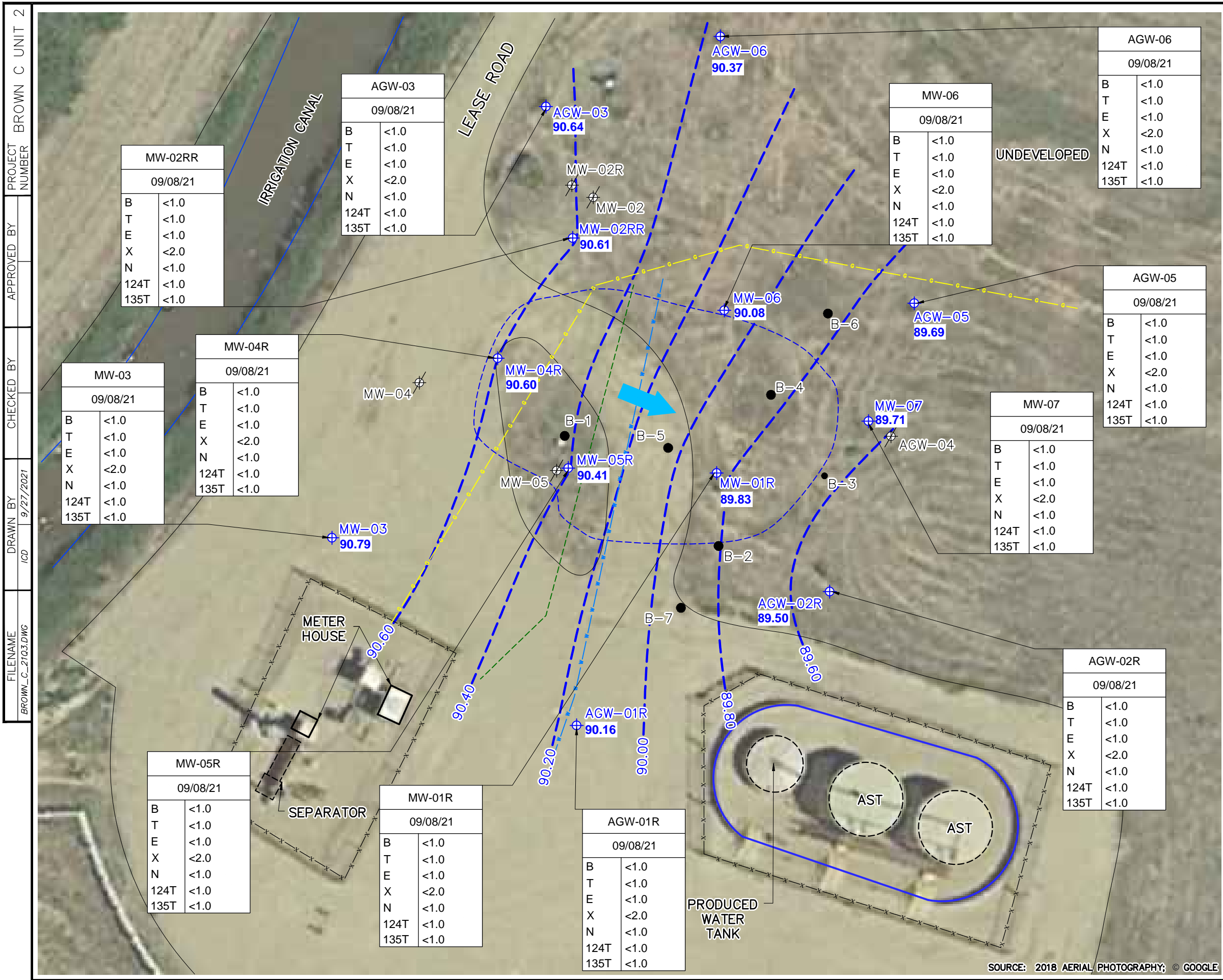
LEGEND

MW-01	+	GROUNDWATER MONITORING WELL LOCATION
MW-02	+	ABANDONED GROUNDWATER MONITORING WELL LOCATION
		BERM
		FENCE
		ANADARKO GAS LINE
		CRESTONE ABANDONED LINE
		PRIVATE WATER LINE

- NOTES
1. LOCATIONS ARE APPROXIMATE
  2. COORDINATE SYSTEM: WGS 1984  
PROJECTION: TRANSVERSE MERCATOR
  3. REPLACEMENT GROUNDWATER MONITORING WELL MW-02R WAS INSTALLED ON 08/02/2013

FIGURE 2 SITE MAP
BROWN C UNIT 2 40.085429, -105.034257 ERIE, COLORADO





AGW-03	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-02RR	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-03	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-04R	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-05R	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-01R	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

AGW-01R	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

AGW-02R	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

AGW-04	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-07	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

AGW-05	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

AGW-06	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

MW-06	
09/08/21	
B	<1.0
T	<1.0
E	<1.0
X	<2.0
N	<1.0
124T	<1.0
135T	<1.0

NOTES

1. LOCATIONS ARE APPROXIMATE

2. COORDINATE SYSTEM: WGS 1984  
PROJECTION: TRANSVERSE MERCATOR

3. REPLACEMENT GROUNDWATER MONITORING WELL MW-02R WAS INSTALLED ON 08/02/2013

0 10 20  
SCALE IN FEET

FIGURE 3

GROUNDWATER MONITORING MAP

09/08/2021

BROWN C UNIT 2  
40.085429, -105.034257  
ERIE, COLORADO

TABLE 1 - GROUNDWATER ELEVATION CRESTONE PEAK RESOURCES									
Brown C Unit 2									
Well ID	Date	Top of Casing	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Temperature (°C)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	pH (SU)
MW-01	1/22/08	92.36	15.19	77.17	NM	NM	NM	NM	NM
	4/22/08		14.44	77.92	NM	NM	NM	NM	NM
	8/7/08		8.32	84.04	NM	NM	NM	NM	NM
	10/21/08		9.22	83.14	NM	NM	NM	NM	NM
	1/21/09		11.68	80.68	NM	NM	NM	NM	NM
	4/21/09		10.25	82.11	NM	NM	NM	NM	NM
	7/31/09		6.07	86.29	NM	NM	NM	NM	NM
	10/22/09		6.91	85.45	NM	NM	NM	NM	NM
	1/19/10		NM	NM	NM	NM	NM	NM	NM
	4/21/10		11.12	81.24	NM	NM	NM	NM	NM
	7/21/10		5.48	86.88	NM	NM	NM	NM	NM
	10/21/10		6.18	86.18	NM	NM	NM	NM	NM
	1/20/11		11.05	81.31	NM	NM	NM	NM	NM
	3/22/11		13.14	79.22	NM	NM	NM	NM	NM
	6/24/11		5.98	86.38	NM	NM	NM	NM	NM
	9/20/11		6.10	86.26	NM	NM	NM	NM	NM
	12/19/11		9.46	82.90	NM	NM	NM	NM	NM
	3/20/12		12.13	80.23	NM	NM	NM	NM	NM
	6/4/12		6.38	85.98	NM	NM	NM	NM	NM
	9/10/12		6.12	86.24	NM	NM	NM	NM	NM
	12/31/12		10.87	81.49	NM	NM	NM	NM	NM
	3/15/13		13.09	79.27	12.14	1070	-168.1	0.19	7.14
	6/20/13		NM	NM	NM	NM	NM	NM	NM
	8/5/13		5.88	86.48	16.90	964	-165.6	0.46	7.41
	9/26/13		6.01	86.35	18.32	1188	-139.5	2.95	7.22
	12/20/13		10.15	82.21	12.40	1289	-106.9	0.45	7.22
	3/26/14		12.63	79.73	11.4	874	4.9	0.64	7.31
	6/30/14		6.32	86.04	14.3	1170	-168.1	1.41	7.37
	9/24/14		6.40	85.96	16.6	878	-73.7	0.42	7.08
	12/23/14		10.44	81.92	11.7	1243	-11.2	0.72	7.24
	3/10/15		12.66	79.70	12.0	1,229	-163.3	0.54	7.02
	9/28/17		6.44	85.92	17.1	1049	-139.9	0.63	7.38
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		7.20	85.16	12.53	1,089	-143.7	0.67	5.84
	9/26/18		6.97	85.39	16	1,009	-121.1	0.29	7.38
	12/18/18		10.60	81.76	10.12	854	-52.6	0.77	8.89
	3/15/19		13.21	79.15	NM	NM	NM	NM	NM
	5/15/19		9.38	82.98	7.17	1,677	-92.7	1.09	8.01
	8/5/19		NM	NM	NM	NM	NM	NM	NM
	11/6/19		6.81	85.55	15.55	NM	NM	1.58	7.37
	1/30/20		11.60	80.76	10.95	982	-22.9	1.65	7.21
	6/30/20		6.63	85.73	15.13	1,023	-22.7	1.28	7.68
	9/17/20		6.64	85.72	21.76	1,234	-117.4	1.02	8.94
	12/10/20		10.35	82.01	12.42	1,212	-165.4	0.95	9.59
	1/12/21		11.68	80.68	12.76	NM	-78.1	0.87	7.12
MW-01R	6/23/21	100.00	11.04	88.96	14.45	1,618	60.0	1.70	7.65
	9/8/21		10.17	89.83	17.1	2,016	49.0	5.20	6.84
MW-02	1/22/08	DES	12.23	NM	NM	NM	NM	NM	NM
	4/22/08		9.16	NM	NM	NM	NM	NM	NM
	8/7/08		4.36	NM	NM	NM	NM	NM	NM
	10/21/08		5.43	NM	NM	NM	NM	NM	NM
	1/21/09		12.15	NM	NM	NM	NM	NM	NM
	4/21/09		8.07	NM	NM	NM	NM	NM	NM
	7/31/09		4.95	NM	NM	NM	NM	NM	NM
	10/22/09		6.41	NM	NM	NM	NM	NM	NM
	1/19/10		12.26	NM	NM	NM	NM	NM	NM
	4/21/10		8.70	NM	NM	NM	NM	NM	NM
	7/21/10		4.43	NM	NM	NM	NM	NM	NM
	10/21/10		5.35	NM	NM	NM	NM	NM	NM
	1/20/11		11.63	NM	NM	NM	NM	NM	NM
	3/22/11		NM	NM	NM	NM	NM	NM	NM
	6/23/11		4.91	NM	NM	NM	NM	NM	NM
	9/20/11		5.32	NM	NM	NM	NM	NM	NM
	12/19/11		DES	DES	DES	DES	DES	DES	DES
MW-02R	8/5/13	93.08	4.08	89.00	17.2	1849	-117.3	0.38	7.16
	9/25/13		4.92	88.16	18.16	1877	-177.7	0.34	7.03
	12/20/13		9.68	83.40	12.9	1399	-90.9	0.49	6.97
	3/26/14		12.12	80.96	11.7	861	-6.0	0.53	7.13
	6/30/14		4.32	88.76	15.6	2207	-160.2	1.87	7.06
	9/24/14		4.61	88.47	17.6	1805	17.5	1.46	6.91
	12/23/14		9.95	83.13	11.9	2041	-4.0	2.25	6.95
	3/10/15		NM	NM	NM	NM	NM	NM	NM
	3/28/16		DES	DES	DES	DES	DES	DES	DES
	9/23/16		DES	DES	DES	DES	DES	DES	DES
	12/22/16		DES	DES	DES	DES	DES	DES	DES
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		5.00	88.08	13.8	1,669	-52.3	0.88	5.78
	9/26/18		5.02	88.06	17.71	1,465	-32.3	0.76	6.96
	12/18/18		9.95	83.13	10.1	1,310	-35.5	1.17	7.89
	3/15/19		NM	NM	NM	NM	NM	NM	NM
	5/15/19		6.40	86.68	6.66	1628	-73.2	1.14	8.01
	8/5/19		NM	NM	NM	NM	NM	NM	NM
	10/23/19		NM	NM	NM	NM	NM	NM	NM
	1/30/20		NM	NM	NM	NM	NM	NM	NM
	6/30/20		NM	NM	NM	NM	NM	NM	NM
	9/17/20		NM	NM	NM	NM	NM	NM	NM
	12/10/20		DRY						
MW-02RR	2/10/21	99.54	12.10	80.98	NM	NM	NM	NM	NM
	6/23/21		9.07	90.47	15.86	1,848	-98.6	0.34	7.1
	9/8/21		8.93	90.61	19.47	1,729	-107.0	2.17	6.76

TABLE 1 - GROUNDWATER ELEVATION CRESTONE PEAK RESOURCES									
Brown C Unit 2									
Well ID	Date	Top of Casing	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Temperature (°C)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	pH (SU)
MW-03	1/22/08	94.42	12.48	81.94	NM	NM	NM	NM	NM
	4/22/08		8.96	85.46	NM	NM	NM	NM	NM
	8/7/08		4.75	89.67	NM	NM	NM	NM	NM
	10/21/08		5.71	88.71	NM	NM	NM	NM	NM
	1/21/09		12.12	82.30	NM	NM	NM	NM	NM
	4/21/09		8.25	86.17	NM	NM	NM	NM	NM
	7/31/09		5.35	89.07	NM	NM	NM	NM	NM
	10/22/09		6.73	87.69	NM	NM	NM	NM	NM
	1/19/10		12.06	82.36	NM	NM	NM	NM	NM
	4/21/10		8.85	85.57	NM	NM	NM	NM	NM
	7/21/10		4.95	89.47	NM	NM	NM	NM	NM
	10/21/10		5.77	88.65	NM	NM	NM	NM	NM
	1/20/11		11.60	82.82	NM	NM	NM	NM	NM
	3/22/11		13.56	80.86	NM	NM	NM	NM	NM
	6/23/11		5.36	89.06	NM	NM	NM	NM	NM
	9/20/11		5.75	88.67	NM	NM	NM	NM	NM
	2/19/11		10.06	84.36	NM	NM	NM	NM	NM
	3/20/12		12.66	81.76	NM	NM	NM	NM	NM
	6/4/12		5.76	88.66	NM	NM	NM	NM	NM
	9/10/12		5.76	88.66	NM	NM	NM	NM	NM
	12/31/12		11.41	83.01	NM	NM	NM	NM	NM
	3/15/13		13.43	80.99	12.43	929	261.5	0.12	6.89
	6/20/13		NM	NM	NM	NM	NM	NM	NM
	9/25/13		NM	NM	NM	NM	NM	NM	NM
	12/20/13		NM	NM	NM	NM	NM	NM	NM
	3/26/14		13.16	81.26	12.3	831	80.6	1.29	7.37
	6/30/14		5.46	88.96	14.5	876	70.4	5.06	7.57
	9/24/14		5.78	88.64	17.0	573	107.3	2.99	7.52
	12/23/14		11.03	83.39	12.7	895	-23.1	1.04	7.36
	3/10/15		13.17	81.25	12.3	1,154	2.0	2.16	7.04
	9/28/17		5.84	88.58	18.5	4648	-88.3	1.44	7.45
	6/18/18		6.50	87.92	14.90	834	6.3	4.05	5.89
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		6.50	87.92	14.9	834	6.3	4.05	5.89
	9/26/18		6.16	88.26	17.55	685	23.2	2.6	7.72
	12/18/18		11.05	83.37	10.78	673	-0.5	5.27	7.32
	3/15/19		13.53	80.89	NM	NM	NM	NM	NM
	5/15/19		7.37	87.05	7.65	977	-69.9	0.65	8.03
	8/5/19		6.85	87.57	13.91	382	-181	11.6	8.69
	10/23/19		5.80	88.62	NM	NM	NM	NM	NM
	1/30/20		11.63	82.79	10.27	631	137.9	4.1	7.71
	6/30/20		5.67	88.75	16.29	75	-34.4	4.02	7.92
	9/17/20		6.31	88.11	21.99	727	145.5	4.03	9.33
	12/10/20		10.92	83.50	10.95	629	-148.4	2.5	9.74
	1/12/21		12.18	82.24	12.96	NM	-79.2	3.91	7.29
	6/23/21	97.09	6.49	90.60	16.01	802	243.0	2.40	7.59
	9/8/21		6.30	90.79	17.1	688	131.0	8.90	7.37
MW-04	1/22/08	93.61	12.44	81.17	NM	NM	NM	NM	NM
	4/22/08		7.80	85.81	NM	NM	NM	NM	NM
	8/7/08		3.75	89.86	NM	NM	NM	NM	NM
	10/21/08		4.82	88.79	NM	NM	NM	NM	NM
	1/21/09		11.71	81.90	NM	NM	NM	NM	NM
	4/21/09		6.79	86.82	NM	NM	NM	NM	NM
	7/31/09		4.35	89.26	NM	NM	NM	NM	NM
	10/22/09		6.03	87.58	NM	NM	NM	NM	NM
	1/19/10		11.65	81.96	NM	NM	NM	NM	NM
	4/21/10		6.97	86.64	NM	NM	NM	NM	NM
	7/21/10		3.96	89.65	NM	NM	NM	NM	NM
	10/21/10		4.89	88.72	NM	NM	NM	NM	NM
	1/20/11		11.19	82.42	NM	NM	NM	NM	NM
	3/22/11		13.04	80.57	NM	NM	NM	NM	NM
	6/23/11		4.35	89.26	NM	NM	NM	NM	NM
	9/20/11		4.88	88.73	NM	NM	NM	NM	NM
	12/19/11		9.61	84.00	NM	NM	NM	NM	NM
	3/20/12		12.22	81.39	NM	NM	NM	NM	NM
	9/10/12		4.95	88.66	NM	NM	NM	NM	NM
	12/31/12		11.04	82.57	NM	NM	NM	NM	NM
	3/15/13		13.01	80.60	14.74	978	125.1	0.68	7.01
	6/20/13		4.34	89.27	14.44	1,297	33.0	1.88	7.59
	9/25/13		5.55	88.06	20.39	850	-7.6	0.74	6.65
	12/20/13		10.35	83.26	13.6	1,252	-47.1	0.49	6.92
	3/26/14		12.73	80.88	12.8	878	78.6	1.15	7.11
	6/30/14		4.40	89.21	15.4	1187	83.2	3.35	7.03
	9/24/14		4.84	88.77	18.4	921	100.8	1.04	6.90
	12/23/14		10.60	83.01	13.0	1050	23.4	1.35	6.96
	3/10/15		12.73	80.88	12.8	1,249	-26.8	1.09	6.73
	9/28/17		NM	NM	NM	NM	NM	NM	NM
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		5.00	88.61	15.13	583	38.9	1.04	5.73
	9/26/18		DES						
	6/23/21	96.49	6.02	90.47	19.12	2,949	-150.0	0.41	7.02
	9/8/21		5.89	90.60	19.17	2,603	-107.0	3.28	6.73
MW-04R	1/22/08	97.38	15.48	81.90	NM	NM	NM	NM	NM
	4/22/08		13.62	83.76	NM	NM	NM	NM	NM
	8/7/08		8.06	89.32	NM	NM	NM	NM	NM
	10/21/08		8.97	88.41	NM	NM	NM	NM	NM
	1/21/09		15.03	82.35	NM	NM	NM	NM	NM
	4/21/09		12.25	85.13	NM	NM	NM	NM	NM
	7/31/09		8.74	88.64	NM	NM	NM	NM	NM

**TABLE 1 - GROUNDWATER ELEVATION  
CRESTONE PEAK RESOURCES**

## Brown C Unit 2

Well ID	Date	Top of Casing	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Temperature (°C)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	pH (SU)		
MW-05R	10/22/09	96.73	9.81	87.57	NM	NM	NM	NM	NM		
	1/19/10		15.02	82.36	NM	NM	NM	NM	NM		
	4/21/10		13.63	83.75	NM	NM	NM	NM	NM		
	7/21/10		8.27	89.11	NM	NM	NM	NM	NM		
	10/21/10		9.01	88.37	NM	NM	NM	NM	NM		
	1/20/11		14.42	82.96	NM	NM	NM	NM	NM		
	3/22/11		13.40	83.98	NM	NM	NM	NM	NM		
	6/23/11		8.71	88.67	NM	NM	NM	NM	NM		
	9/20/11		8.98	88.40	NM	NM	NM	NM	NM		
	12/19/11		12.80	84.58	NM	NM	NM	NM	NM		
	3/20/12		NM	NM	NM	NM	NM	NM	NM		
	8/5/13		8.61	88.77	16.90	964	-165.6	0.46	7.41		
	9/25/13		9.05	88.33	18.21	1,580	-145.7	0.40	7.00		
	12/20/13		13.51	83.87	13.20	1,457	-94.5	0.81	6.89		
	3/26/14		16.00	81.38	13.0	848	9.1	0.53	7.02		
	6/30/14		8.92	88.46	15.5	1112	-175.3	1.56	7.26		
	9/24/14		9.13	88.25	17.1	941	-53.6	0.72	7.08		
	12/23/14		13.77	83.61	13.2	1476	39.7	1.26	6.97		
	3/10/15		15.99	81.39	13.3	1,151	-140.3	0.56	6.85		
	9/28/17		9.17	88.21	17.9	1061	-120.8	1.74	7.43		
	3/22/18		NM	NM	NM	NM	NM	NM	NM		
	6/18/18		10.65	86.73	13.44	1,091	-152.5	1.22	6.23		
	9/26/18		9.56	87.82	16.58	1,064	-114.2	0.32	7.29		
	12/18/18		13.08	84.30	10.47	1,045	-43.8	1.83	7.17		
	3/15/19		16.41	80.97	NM	NM	NM	NM	NM		
	5/15/19		11.49	85.89	7.37	1200	-74.4	0.29	8.03		
	8/5/19		9.29	88.09	11.67	1,008	-220.5	6.7	8.7		
	10/23/19		9.35	88.03	NM	NM	NM	NM	NM		
	1/30/20		14.45	82.93	10.23	1,779	-50.1	1.56	7.03		
	6/30/20		9.24	88.14	15.59	987	-55.1	0.85	7.89		
	9/17/20		7.46	89.92	21.65	1,267	-66.7	20.2	8.97		
	12/10/20		13.65	83.73	12.47	1,026	-153.8	1.84	9.54		
	1/12/21		15.01	82.37	13.01	NM	-77.2	1.69	7.11		
6/23/21	6.89	89.84	15.02	2,972	216.5	0.92	7.21				
9/8/21	6.32	90.41	17.53	3,067	-28.0	4.30	6.56				
MW-06	6/23/21	99.88	10.27	89.61	16.38	1,574	7.80	0.74	7.15		
	9/8/21		9.80	90.08	19.11	1,436	-22.00	2.23	6.73		
MW-07	6/23/21	100.54	11.58	88.96	16.17	1,731	139.10	3.46	7.42		
	9/8/21		10.83	89.71	17.40	1,605	68.00	4.47	7.00		
AGW-01	3/22/11	95.62	13.78	81.84	NM	NM	NM	NM	NM		
	6/23/11		10.34	85.28	NM	NM	NM	NM	NM		
	9/20/11		10.33	85.29	NM	NM	NM	NM	NM		
	12/19/11		10.63	84.99	NM	NM	NM	NM	NM		
	3/20/12		13.20	82.42	NM	NM	NM	NM	NM		
	9/10/12		7.26	88.36	NM	NM	NM	NM	NM		
	12/31/12		11.91	83.71	NM	NM	NM	NM	NM		
	3/15/13		14.07	81.55	14.14	925	235.8	6.00	7.26		
	6/20/13		NM	NM	NM	NM	NM	NM	NM		
	9/25/13		NM	NM	NM	NM	NM	NM	NM		
	12/20/13		NM	NM	NM	NM	NM	NM	NM		
	3/26/14		13.71	81.91	13.1	826	34.3	4.30	7.32		
	6/30/14		7.35	88.27	14.2	1419	74.3	4.88	7.29		
	9/24/14		7.60	88.02	16.9	1119	110.5	2.17	7.11		
	12/23/14		11.54	84.08	12.1	1154	17.8	1.69	7.24		
	3/10/15		13.73	81.89	14.6	1,227	68.1	5.29	6.90		
	9/28/17		7.69	87.93	17.00	1146	-76.7	2.86	7.30		
	3/22/18		NM	NM	NM	NM	NM	NM	NM		
	6/18/18		NM	NM	NM	NM	NM	NM	NM		
	9/26/18		8.12	87.50	NM	NM	NM	NM	NM		
	12/18/18		12.55	83.07	NM	NM	NM	NM	NM		
	3/15/19		14.15	81.47	NM	NM	NM	NM	NM		
	5/15/19		10.70	84.92	NM	NM	NM	NM	NM		
	8/5/19		7.84	87.78	NM	NM	NM	NM	NM		
	10/23/19		7.20	88.42	NM	NM	NM	NM	NM		
	1/30/20		12.09	83.53	10.4	807	133	4.56	7.41		
	6/30/20		7.85	87.77	19.89	820	9.6	4.71	7.98		
	9/17/20		7.80	87.82	20.58	991	156.3	2.42	9.12		
	12/10/20		11.35	84.27	10.96	741	-158.3	3.39	9.02		
	1/12/21		12.67	82.95	12.29	NM	-84.4	29.7	7.28		
	AGW-01R		6/23/21	97.98	8.78	89.20	15.33	1,104	244.0	3.08	7.31
			9/8/21		7.82	90.16	17.53	1,024	120.6	5.60	6.95
	AGW-02		3/22/11	96.92	13.15	83.77	NM	NM	NM	NM	NM
6/23/11		8.95	87.97		NM	NM	NM	NM	NM		
	9/20/11		8.91	88.01	NM	NM	NM	NM	NM		
	12/19/11		11.92	85.00	NM	NM	NM	NM	NM		
	3/20/12		14.57	82.35	NM	NM	NM	NM	NM		
	9/10/12		8.90	88.02	NM	NM	NM	NM	NM		
	12/31/12		13.31	83.61	NM	NM	NM	NM	NM		
	3/15/13		15.49	81.43	13.07	1,546	278.0	0.60	7.27		
	6/20/13		9.68	87.24	13.51	1,247	11.6	0.35	8.01		
	9/25/13		8.53	88.39	15.03	1,315	15.6	0.61	7.25		
	12/20/13		12.60	84.32	12.1	1,378	102.3	0.77	7.27		
	3/26/14		15.08	81.84	11.9	1,322	79.7	2.06	7.42		
	6/30/14		9.30	87.62	12.4	1,339	48.4	2.37	7.41		
	9/24/14		9.29	87.63	14.3	883	137.1	1.11	7.33		
	12/23/14		12.89	84.03	11.4	1161	11.5	0.66	7.42		
	3/10/15		15.16	81.76	12.5	1,854	-114.0	1.93	6.96		
	9/28/17		9.31	87.61	15.4	1244	-70.9	1.54	7.30		



TABLE 1 - GROUNDWATER ELEVATION CRESTONE PEAK RESOURCES									
Brown C Unit 2									
Well ID	Date	Top of Casing	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Temperature (°C)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	pH (SU)
AGW-02R	3/22/18	101.01	NM	NM	NM	NM	NM	NM	NM
	6/18/18		NM	NM	NM	NM	NM	NM	NM
	9/26/18		9.84	87.08	NM	NM	NM	NM	NM
	12/18/18		13.01	83.91	NM	NM	NM	NM	NM
	3/15/19		15.68	81.24	NM	NM	NM	NM	NM
	5/15/19		12.41	84.51	NM	NM	NM	NM	NM
	8/5/19		9.57	87.35	NM	NM	NM	NM	NM
	10/23/19		9.50	87.42	NM	NM	NM	NM	NM
	1/30/20		13.53	83.39	9.56	1254	140.9	1.51	7.51
	6/30/20		9.59	87.33	17.97	1,555	47.3	4.41	7.86
	9/17/20		9.43	87.49	20.1	1,614	5.8	41.8	9.06
	12/10/20		12.79	84.13	10.4	700	-147.8	4.87	8.6
	1/12/21		14.18	82.74	15.9	NM	-60.4	4.72	7.21
	6/23/21		12.45	88.56	15.75	1,939	195.9	3.03	7.28
	9/8/21		11.51	89.50	19.13	1,852	227.0	4.34	6.89
AGW-03	3/22/11	94.01	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/23/11		6.77	87.24	NM	NM	NM	NM	NM
	9/20/11		5.91	88.10	NM	NM	NM	NM	NM
	12/19/11		10.10	83.91	NM	NM	NM	NM	NM
	3/20/12		12.71	81.30	NM	NM	NM	NM	NM
	6/14/12		5.34	88.67	NM	NM	NM	NM	NM
	9/10/12		5.53	88.48	NM	NM	NM	NM	NM
	12/31/12		11.54	82.47	NM	NM	NM	NM	NM
	3/15/13		13.63	80.38	DRY	DRY	DRY	DRY	DRY
	6/20/13		5.02	88.99	13.84	945	28.7	2.02	7.92
	9/25/13		5.88	88.13	18.17	618	-39.3	2.37	7.66
	12/20/13		10.86	83.15	10.8	895	-6.2	1.89	7.3
	3/26/14		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/30/14		5.02	88.99	14.6	742	50.2	3.18	7.31
	9/24/14		5.50	88.51	17.7	709	112.1	1.34	7.14
	12/23/14		11.11	82.90	10.1	660	30.5	3.61	6.94
	3/10/15		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28/17	94.01	5.54	88.47	17.2	687	-211.5	0.81	7.33
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		NM	NM	NM	NM	NM	NM	NM
	9/26/18		10.26	83.75	NM	NM	NM	NM	NM
	12/18/18		Missing						
	3/15/19	96.59	Missing						
	5/15/19		Missing						
	6/23/21		6.02	90.57	15.73	727	247.1	2.61	7.30
	9/8/21		5.95	90.64	20.00	681	-84.8	2.24	6.80
AGW-04	3/22/11	97.51	13.30	84.21	NM	NM	NM	NM	NM
	6/23/11		9.27	88.24	NM	NM	NM	NM	NM
	9/20/11		9.40	88.11	NM	NM	NM	NM	NM
	12/19/11		12.69	84.82	NM	NM	NM	NM	NM
	3/20/12		15.34	82.17	NM	NM	NM	NM	NM
	9/10/12		9.43	88.08	NM	NM	NM	NM	NM
	12/31/12		14.09	83.42	NM	NM	NM	NM	NM
	3/15/13		16.31	81.20	12.47	833	26.5	0.27	7.45
	6/20/13		NM	NM	NM	NM	NM	NM	NM
	9/25/13		NM	NM	NM	NM	NM	NM	NM
	12/20/13		NM	NM	NM	NM	NM	NM	NM
	3/26/14		NM	NM	NM	NM	NM	NM	NM
	6/30/14		NM	NM	NM	NM	NM	NM	NM
	9/24/14		NM	NM	NM	NM	NM	NM	NM
	12/23/14		NM	NM	NM	NM	NM	NM	NM
	3/10/15		NM	NM	NM	NM	NM	NM	NM
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		NM	NM	NM	NM	NM	NM	NM
	9/26/18		5.94	91.57	NM	NM	NM	NM	NM
	12/18/18		NM	NM	NM	NM	NM	NM	NM
	3/15/19		16.35	81.16	NM	NM	NM	NM	NM
	5/15/19		12.70	84.81	NM	NM	NM	NM	NM
	8/5/19		10.01	87.50	NM	NM	NM	NM	NM
	10/23/19		9.99	87.52	NM	NM	NM	NM	NM
	1/30/20		14.31	83.20	8.2	0.745	130	2.11	7.58
	6/30/20		9.97	87.54	17.07	1,023	60.7	1.93	8.1
	9/17/20		9.97	87.54	19.44	935	-8.1	1.65	9.15
	12/10/20		13.58	83.93	9.94	733	-171.4	2.4	9.22
	1/12/21		14.81	82.70	11.62	NM	-62.5	2.96	7.7
	21Q1		Destroyed						
AGW-05	3/22/11	97.33	13.17	84.16	NM	NM	NM	NM	NM
	6/23/11		8.89	88.44	NM	NM	NM	NM	NM
	9/20/11		9.20	88.13	NM	NM	NM	NM	NM
	12/19/11		12.60	84.73	NM	NM	NM	NM	NM
	3/20/12		15.22	82.11	NM	NM	NM	NM	NM
	9/10/12		9.25	88.08	NM	NM	NM	NM	NM
	12/31/12		14.04	83.29	NM	NM	NM	NM	NM
	3/15/13		16.22	81.11	13.98	795	109.9	1.70	7.21
	6/20/13		9.67	87.66	12.93	894	18.9	4.43	8.17
	9/25/13		8.84	88.49	15.26	919	11.0	2.21	7.53
	12/20/13		13.33	84.00	11.7	908	81.4	3.91	7.47
	3/26/14		15.74	81.59	11.5	626	73.9	6.30	7.78
	6/30/14		9.35	87.98	12.8	935	64.9	3.92	7.52
	9/24/14		9.56	87.77	15.2	687	112.5	2.10	7.45
	12/23/14		13.60	83.73	11.3	805	16.0	1.25	7.57
	3/10/15		15.78	81.55	13.0	914	-15.9	6.88	7.22
	9/28/17		9.55	87.78	15.2	796	-166.5	1.79	7.60
	3/22/18		NM	NM	NM	NM	NM	NM	NM

TABLE 1 - GROUNDWATER ELEVATION  
CRESTONE PEAK RESOURCES

Brown C Unit 2									
Well ID	Date	Top of Casing	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Temperature (°C)	Conductivity (µS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	pH (SU)
	6/18/18	100.03	NM	NM	NM	NM	NM	NM	NM
	9/26/18		10.29	87.04	NM	NM	NM	NM	NM
	12/18/18		13.72	83.61	NM	NM	NM	NM	NM
	3/15/19		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	5/15/19		12.50	84.83	NM	NM	NM	NM	NM
	8/5/19		9.80	87.53	NM	NM	NM	NM	NM
	10/23/19		9.35	87.98	NM	NM	NM	NM	NM
	1/30/20		14.26	83.07	9.4	0.575	122.8	2.82	7.63
	6/30/20		9.71	87.62	18.19	751	72.7	4.61	8.08
	9/17/20		9.76	87.57	17.53	743	66.4	3.68	9.1
	12/10/20		13.56	83.77	10.11	593	-135.7	2.19	9.43
	1/12/21		14.87	82.46	11.07	NM	-76.2	3.26	7.23
	6/23/21		11.02	89.01	13.82	983	230.1	5.31	7.45
	9/8/21		10.34	89.69	17.36	847	129.0	3.85	7.04
AGW-06	3/22/11	96.84	NM	NM	NM	NM	NM	NM	NM
	6/23/11		7.83	89.01	NM	NM	NM	NM	NM
	9/20/11		8.38	88.46	NM	NM	NM	NM	NM
	12/19/11		12.69	84.15	NM	NM	NM	NM	NM
	3/20/12		14.98	81.86	DRY	DRY	DRY	DRY	DRY
	9/10/12		8.51	88.33	NM	NM	NM	NM	NM
	12/31/12		14.14	82.70	NM	NM	NM	NM	NM
	3/15/13		15.05	81.79	DRY	DRY	DRY	DRY	DRY
	6/20/13		8.37	88.47	12.87	917	22.6	3.80	8.15
	9/25/13		8.58	88.26	15.61	843	17.2	3.49	7.50
	12/20/13		13.48	83.36	11.4	867	69.2	2.93	7.42
	3/26/14		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/30/14		8.22	88.62	12.5	828	93.1	4.81	7.53
	9/24/14		8.36	88.48	14.2	569	105.7	2.03	7.41
	12/23/14		13.77	83.07	10.2	741	17.1	2.83	7.50
	3/10/15		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/28/17		8.58	88.26	15.2	644	22.3	2.81	7.60
	3/22/18		NM	NM	NM	NM	NM	NM	NM
	6/18/18		NM	NM	NM	NM	NM	NM	NM
	9/26/18		9.10	87.74	NM	NM	NM	NM	NM
	12/18/18		13.83	83.01	NM	NM	NM	NM	NM
	3/15/19		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	5/15/19		10.50	86.34	NM	NM	NM	NM	NM
	8/5/19		8.65	88.19	NM	NM	NM	NM	NM
	10/23/19		8.60	88.24	NM	NM	NM	NM	NM
	1/30/20		DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/30/20		8.48	88.36	15.92	630	80.8	4.66	8.17
	9/17/20		9.01	87.83	20.54	629	24.7	2.62	9.03
	12/10/20		13.68	83.16	NM	NM	NM	NM	NM
	1/12/21		DRY						
	6/23/21	99.57	9.43	90.14	13.33	755	238.4	5.29	7.53
	9/8/21		9.20	90.37	17.82	630	29.0	5.57	7.09

NOTES:  
DES - Destroyed  
NM - Not Measured



TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
MW-01	1/22/08	150	9.5	15	144						
	4/22/08	180	3.9	7.6	26.2						
	8/7/08	800	<1.0	49	14						
	10/21/08	2,200	<1.0	86	27						
	1/21/09	140	<1.0	9.5	17.5						
	4/21/09	28	<1.0	<1.0	8.2						
	7/31/09	1,600	<1.0	99	85						
	10/22/09	1,700	<1.0	78	35						
	1/19/10	NS	NS	NS	NS						
	4/21/10	3.5	<1.0	<1.0	<1.0						
	7/21/10	1,360	<1.0	43.6	65.3						
	10/21/10	1,360	4.4	35.9	42						
	1/20/11	23.7	3.1	<1.0	5.7						
	3/22/11	9.7	<1.0	<1.0	5.9						
	6/24/11	681	<1.0	45.1	50.7						
	9/20/11	705	<1.0	30.4	64.9						
	12/19/11	115	<1.0	9.4	33.5						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	6/4/12	360	<1.0	1.1	21						
	9/10/12	1,900	<1.0	75	110						
	12/31/12	110	<1.0	1.4	<1.0						
	3/15/13	5.6	<5.0	<1.0	<3.0						
	6/20/13	NS	NS	NS	NS						
	8/5/13	2000	<50	130	190						
	9/26/13	730	<5.0	<1.0	58						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	4.7	<5.0	<1.0	<3.0						
	6/30/14	340	<5.0	34	7.1						
	9/24/14	2,100	<50	140	130						
	12/23/14	460	<25	11	<15						
	3/10/15	3.4	<5.0	<1.0	<3.0						
	6/17/15	17	<5.0	1.4	<3.0						
	9/28/15	22.9	<5.0	3.03	3.26						
	3/28/16	5.2	ND	ND	ND						
	9/23/16	4,050	ND	83.2	230						
	12/22/16	1,390	ND	1.1	21.6						
	3/28/17	88	ND	ND	ND						
	6/26/17	343	ND	ND	ND						
	9/28/17	1.0	ND	ND	ND						
	12/20/17	473	ND	ND	ND						
	3/22/18	5.67	<1.0	<1.0	<3.0						
	6/18/18	351	<2.0	3.77	9.08						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
MW-01R	9/26/18	2,110	<1.0	5.48	78						
	12/18/18	239	<1.0	<1.0	<3.0						
	3/15/19	NS	NS	NS	NS						
	5/15/19	91.8	<5.0	<5.0	15						
	8/5/19	NS	NS	NS	NS						
	10/23/19	NS	NS	NS	NS						
	11/6/19	180	<1.0	3.11	4.09						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	218	<10.0	<10.0	<30.0						
	9/17/20	312	<1.0	2.40	13.60						
	12/10/20	20.2	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	1,260	114	316
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,410	126	2,070
MW-02	1/22/08	370	480	340	2,410						
	4/22/08	FREEPRODUCT - NO SAMPLE									
	8/7/08	FREEPRODUCT - NO SAMPLE									
	10/21/08	FREEPRODUCT - NO SAMPLE									
	1/21/09	FREEPRODUCT - NO SAMPLE									
	4/21/09	FREEPRODUCT - NO SAMPLE									
	7/31/09	FREEPRODUCT - NO SAMPLE									
	10/22/09	FREEPRODUCT - NO SAMPLE									
	1/19/10	FREEPRODUCT - NO SAMPLE									
	4/21/10	52.8	<1.0	263	2,108						
	7/21/10	171	<1.0	259	1,930						
	10/21/10	3.90	<1.0	213	1,530						
	1/20/11	FREEPRODUCT - NO SAMPLE									
	3/22/11	FREEPRODUCT - NO SAMPLE									
	6/23/11	FREEPRODUCT - NO SAMPLE									
	9/20/11	FREEPRODUCT - NO SAMPLE									
	12/19/11	NS	NS	NS	NS						
	8/5/13	<1.0	<5.0	<1.0	<3.0						
	9/25/13	<1.0	<5.0	2.4	8.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	2.5	<5.0	7.0	4.1						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	NS	NS	NS	NS						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	NS	NS	NS	NS						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
MW-02R	9/23/16	NS	NS	NS	NS						
	12/22/16	NS	NS	NS	NS						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/18/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/12/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	NS	NS	NS	NS						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	NS	NS	NS	NS						
	10/23/19	NS	NS	NS	NS						
	1/30/20	NS	NS	NS	NS						
	6/30/20	NS	NS	NS	NS						
	9/17/20	NS	NS	NS	NS						
	12/10/20	DRY									
MW-02RR	2/10/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	4.50	<1.0	1,200	99.5	184
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	964	76.4	122
MW-03	1/22/08	<1.0	<1.0	<1.0	<1.0						
	4/22/08	<1.0	<1.0	<1.0	<1.0						
	8/7/08	<1.0	<1.0	<1.0	<1.0						
	10/21/08	<1.0	<1.0	<1.0	<1.0						
	1/21/09	<1.0	<1.0	<1.0	<1.0						
	4/21/09	<1.0	<1.0	<1.0	<1.0						
	7/31/09	<1.0	<1.0	<1.0	<1.0						
	10/22/09	<1.0	<1.0	<1.0	<1.0						
	1/19/10	<1.0	<1.0	<1.0	<1.0						
	4/21/10	<1.0	<1.0	<1.0	<1.0						
	7/21/10	<1.0	<1.0	<1.0	<1.0						
	10/21/10	<1.0	<1.0	<1.0	<1.0						
	1/20/11	<1.0	<1.0	<1.0	<1.0						
	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	0.78	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	2/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	6/4/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	NS	NS	NS	NS						
	9/25/13	NS	NS	NS	NS						
	12/20/13	NS	NS	NS	NS						



TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
	3/26/14	<1.0	<5.0	<1.0	<3.0						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	<1.0	<5.0	<1.0	<3.0						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	ND	ND	ND	ND						
	9/23/16	7.95	ND	ND	ND						
	12/22/16	1.11	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/18/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	<1.0	<1.0	<1.0	<3.0						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	Inaccessible									
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	531	44.1	81.4
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	397	31.6	137
MW-04	1/22/08	<1.0	<1.0	<1.0	<1.0						
	4/22/08	<1.0	<1.0	<1.0	<1.0						
	8/7/08	<1.0	33	<1.0	<1.0						
	10/21/08	<1.0	<1.0	<1.0	<1.0						
	1/21/09	<1.0	<1.0	<1.0	<1.0						
	4/21/09	<1.0	<1.0	<1.0	<1.0						
	7/31/09	<1.0	<1.0	<1.0	<1.0						
	10/22/09	<1.0	<1.0	<1.0	<1.0						
	1/19/10	<1.0	<1.0	<1.0	<1.0						
	4/21/10	<1.0	<1.0	<1.0	<1.0						
	7/21/10	<1.0	1.2	<1.0	<1.0						
	10/21/10	<1.0	<1.0	<1.0	<1.0						
	1/20/11	<1.0	<1.0	<1.0	<1.0						
	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
MW-04R	3/20/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	<0.5	<5.0	<0.5	<1.5						
	9/25/13	<1.0	<5.0	<1.0	<3.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	<1.0	<5.0	<1.0	<3.0						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	<1.0	<5.0	<1.0	<3.0						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	0.65	ND	ND	ND						
	9/23/16	6.18	ND	ND	ND						
	12/22/16	1.08	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/18/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	DES									
	6/23/21	1.14	<1.0	<1.0	<3.0	<5.0	4.74	2.21	2,000	235	575
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,430	151	249
MW-05	1/22/08	720	57	78	1,110						
	4/22/08	11	3.5	4.0	14.9						
	8/7/08	200	11	30	200						
	10/21/08	57	<1.0	24	145						
	1/21/09	27	<1.0	3.6	22.9						
	4/21/09	380	<1.0	110	790						
	7/31/09	450	<1.0	100	495						
	10/22/09	440	<1.0	100	578						
	1/19/10	3.5	<1.0	<1.0	3.0						
	4/21/10	6.4	<1.0	<1.0	7.6						
	7/21/10	440	<1.0	82.7	305						
	10/21/10	63.6	<1.0	29.3	57.6						
	1/20/11	14.6	<1.0	<1.0	<1.0						
	3/22/11	0.66	<1.0	<1.0	<1.0						
	6/23/11	286	<1.0	12.4	26.3						
	9/20/11	201	<1.0	29.8	105						
	12/19/11	32.2	<1.0	1.5	<1.0						
	3/20/12	NS	NS	NS	NS						
	8/5/13	<1.0	<5.0	<1.0	<3.0						
	9/25/13	<1.0	<5.0	<1.0	<3.0						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
MW-05R	12/20/13	1.5	<5.0	<1.0	<3.0						
	3/26/14	2.2	<5.0	<1.0	<3.0						
	6/30/14	4.2	<5.0	<1.0	<3.0						
	9/24/14	3.5	<5.0	<1.0	<3.0						
	12/23/14	50	<5.0	<1.0	<3.0						
	3/10/15	1.3	<5.0	<1.0	<3.0						
	6/17/15	6.6	<5.0	<1.0	<3.0						
	9/28/15	2,380	<5.0	161	153						
	3/28/16	2.5	0.72	ND	ND						
	9/23/16	10	ND	ND	ND						
	12/22/16	2.78	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/18/18	<1.0	<1.0	<1.0	<1.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	<1.0	<1.0	<1.0	<3.0						
	5/15/19	13.4	<1.0	<1.0	<3.0						
	8/5/19	6.87	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	3,120	117	1,410
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,110	83.4	1,940
MW-06	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	1,140	45.8	407
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	818	40.8	685
MW-07	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	1,270	39.8	532
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	986	23.4	782
AGW-01	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	NS	NS	NS	NS						
	9/25/13	NS	NS	NS	NS						
	12/20/13	NS	NS	NS	NS						



TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
AGW-01R	3/26/14	<1.0	<5.0	<1.0	<3.0						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	<1.0	<5.0	<1.0	<3.0						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	ND	ND	ND	ND						
	9/23/16	ND	ND	ND	ND						
	12/22/16	3.89	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/20/18	<1.0	<1.0	<1.0	<1.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	NS	NS	NS	NS						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	755	41.0	96.8
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	598	32.0	489
AGW-02	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	<0.5	<5.0	<0.5	<1.5						
	9/25/13	<1.0	<5.0	<1.0	<3.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	<1.0	<5.0	<1.0	<3.0						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	<1.0	<5.0	<1.0	<3.0						
	6/17/15	<1.0	<5.0	<1.0	<3.0						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
AGW-02R	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	ND	ND	ND	ND						
	9/23/16	11.7	ND	ND	ND						
	12/22/16	10.9	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/20/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	<1.0	<1.0	<1.0	<3.0						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	1,370	91.6	351
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,210	68.2	1,110
AGW-03	3/22/11	NS	NS	NS	NS						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	6/14/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	NS	NS	NS	NS						
	6/20/13	<0.5	<5.0	<0.5	<1.5						
	9/25/13	<1.0	<5.0	<1.0	<3.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	NS	NS	NS	NS						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	NS	NS	NS	NS						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	ND	ND	ND	ND						
	9/23/16	3	ND	ND	ND						
	12/22/16	ND	ND	ND	ND						
	3/22/18	NS	NS	NS	NS						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
	6/20/18	NS	NS	NS	NS						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	NS	NS	NS	NS						
	3/15/19	NS	NS	NS	NS						
	5/15/19	DES	DES	DES	DES						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	483	17.8	41.6
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	966	12.6	850
AGW-04	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	NS	NS	NS	NS						
	9/25/13	NS	NS	NS	NS						
	12/20/13	NS	NS	NS	NS						
	3/26/14	NS	NS	NS	NS						
	6/30/14	NS	NS	NS	NS						
	9/24/14	NS	NS	NS	NS						
	12/23/14	NS	NS	NS	NS						
	3/10/15	NS	NS	NS	NS						
	6/17/15	NS	NS	NS	NS						
	9/28/15	NS	NS	NS	NS						
	3/28/16	ND	ND	ND	ND						
	9/23/16	ND	ND	ND	ND						
	12/22/16	ND	ND	ND	ND						
	3/22/18	NS	NS	NS	NS						
	6/20/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	NS	NS	NS	NS						
	3/15/19	<1.0	<1.0	<1.0	<3.0						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	21Q1	Destroyed									



TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
AGW-05	3/22/11	<1.0	<1.0	<1.0	<1.0						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	<1.0	<1.0	<1.0	<1.0						
	9/10/12	<1.0	<1.0	<1.0	<1.0						
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	<1.0	<5.0	<1.0	<3.0						
	6/20/13	<0.5	<5.0	<0.5	<1.5						
	9/25/13	<1.0	<5.0	<1.0	<3.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	<1.0	<5.0	<1.0	<3.0						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	<1.0	<5.0	<1.0	<3.0						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	ND	ND	ND	ND						
	9/23/16	ND	ND	ND	ND						
	12/22/16	ND	ND	ND	ND						
	3/22/18	<1.0	<1.0	<1.0	<3.0						
	6/20/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	NS	NS	NS	NS						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	<1.0	<1.0	<1.0	<3.0						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	<1.0	<1.0	<1.0	<3.0						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	624	45.1	98.7
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,210	29.0	1,980
AGW-06	3/22/11	NS	NS	NS	NS						
	6/23/11	<1.0	<1.0	<1.0	<1.0						
	9/20/11	<1.0	<1.0	<1.0	<1.0						
	12/19/11	<1.0	<1.0	<1.0	<1.0						
	3/20/12	NS	NS	NS	NS						
	9/10/12	<1.0	<1.0	<1.0	<1.0						

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES

Brown C Unit 2

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Total Dissolved Solids (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
COGCC Table 915-1 Limit		5	560	700	1,400	140	67	67	3,187	250	2,900
	12/31/12	<1.0	<1.0	<1.0	<1.0						
	3/15/13	NS	NS	NS	NS						
	6/20/13	<0.5	<5.0	<0.5	<1.5						
	9/25/13	<1.0	<5.0	<1.0	<3.0						
	12/20/13	<1.0	<5.0	<1.0	<3.0						
	3/26/14	NS	NS	NS	NS						
	6/30/14	<1.0	<5.0	<1.0	<3.0						
	9/24/14	<1.0	<5.0	<1.0	<3.0						
	12/23/14	<1.0	<5.0	<1.0	<3.0						
	3/10/15	NS	NS	NS	NS						
	6/17/15	<1.0	<5.0	<1.0	<3.0						
	9/28/15	<1.0	<5.0	<1.0	<3.0						
	3/28/16	NS	NS	NS	NS						
	9/23/16	2.54	ND	ND	ND						
	12/22/16	ND	ND	ND	ND						
	3/22/18	NS	NS	NS	NS						
	6/20/18	<1.0	<1.0	<1.0	<3.0						
	9/26/18	<1.0	<1.0	<1.0	<3.0						
	12/18/18	<1.0	<1.0	<1.0	<3.0						
	3/15/19	NS	NS	NS	NS						
	5/15/19	<1.0	<1.0	<1.0	<3.0						
	8/5/19	<1.0	<1.0	<1.0	<3.0						
	10/23/19	<1.0	<1.0	<1.0	<3.0						
	1/30/20	NS	NS	NS	NS						
	6/30/20	<1.0	<1.0	<1.0	<3.0						
	9/17/20	<1.0	<1.0	<1.0	<3.0						
	12/10/20	<1.0	<1.0	<1.0	<3.0						
	1/12/21	DRY	DRY	DRY	DRY						
	6/23/21	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	479	45.3	70.8
	9/8/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,550	34.6	2,320

**NOTES:**  
µg/L - micrograms per liter  
**BOLD** - indicates result exceeds the applicable standard  
< - indicates result is less than the stated laboratory reporting limit  
NS - Not Sampled  
COGCC Table 915-1 - Colorado Oil and Gas Conservation Commission Table 915-1  
Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B

**TABLE 3 - SAMPLE LOCATIONS  
CRESTONE PEAK RESOURCES**

**Brown C Unit 2**

Sample ID	Coordinates
MW-01R	40.0854304243626, -105.034255379634
MW-02RR	40.0855627939077, -105.034359698129
MW-03	40.085395264, -105.034536617
MW-04R	40.0854955351739, -105.034414965361
MW-05R	40.0854336775893, -105.034363793667
MW-06	40.0855217414051, -105.034249135642
MW-07	40.0854590881719, -105.034144252686
AGW-01R	40.0852892216339, -105.034358657067
AGW-02R	40.0853635815374, -105.034173229079
AGW-03	40.085636627, -105.034378693
AGW-05	40.085525107, -105.034110281
AGW-06	40.085675485, -105.034250889
F-1	40.0853733230634, -105.034128869708
F-2	40.0854316757466, -105.034093344053
F-3	40.0854366434543, -105.034156233584



# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

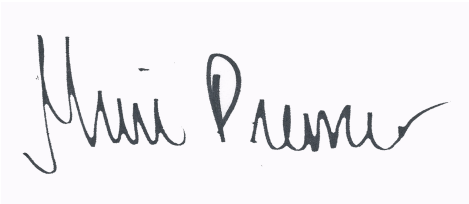
303.277.9310

September 20, 2021

Jeff Carlo  
Remington Technologies  
2307 W 8th St  
Loveland, CO 80537  
RE: Brown C Unit 2  
Work Order #2109144

Enclosed are the results of analyses for samples received by Summit Scientific on 09/09/21 16:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury  
President



Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01R	2109144-01	Water	09/08/21 11:05	09/09/21 16:40
MW-02RR	2109144-02	Water	09/08/21 10:00	09/09/21 16:40
MW-03	2109144-03	Water	09/08/21 09:20	09/09/21 16:40
MW-04R	2109144-04	Water	09/08/21 09:50	09/09/21 16:40
MW-05R	2109144-05	Water	09/08/21 09:35	09/09/21 16:40
MW-06	2109144-06	Water	09/08/21 11:00	09/09/21 16:40
MW-07	2109144-07	Water	09/08/21 10:50	09/09/21 16:40
AGW-01R	2109144-08	Water	09/08/21 09:00	09/09/21 16:40
AGW-02R	2109144-09	Water	09/08/21 10:55	09/09/21 16:40
AGW-03	2109144-10	Water	09/08/21 10:12	09/09/21 16:40
AGW-05	2109144-11	Water	09/08/21 10:35	09/09/21 16:40
AGW-06	2109144-12	Water	09/08/21 10:22	09/09/21 16:40

Summit Scientific

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# Summit Scientific

2109144.1

4653 Table Mountain Drive ♦ Golden, Colorado 80403  
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 2

Client: Remington Technologies, LLC.

Project Manager: Jeff Carlo

Address: 2307 W. 8th St.

E-Mail: Jcarlo@remingtontech.net; Ldent; Rmillunzi, christopher.rice@crestonepr.com

City/State/Zip: Loveland, CO 80537

Phone: 970-278-1646

Project Name: Brown C Unit 2

Sampler Name: Jeff Carlo

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Table 915 Organics	Table 915 Inorganics							
1	MW-01R	9/8/2021	11:05	4	X				X				X	X							
2	MW-02RR	9/8/2021	10:00	4	X				X				X	X							
3	MW-03	9/8/2021	9:20	4	X				X				X	X							
4	MW-04R	9/8/2021	9:50	4	X				X				X	X							
5	MW-05R	9/8/2021	9:35	4	X				X				X	X							
6	MW-06	9/8/2021	11:00	4	X				X				X	X							
7	MW-07	9/8/2021	10:50	4	X				X				X	X							
8	AGW-01R	9/8/2021	9:00	4	X				X				X	X							
9	AGW-02R	9/8/2021	10:55	4	X				X				X	X							
10	AGW-03	9/8/2021	10:12	4	X				X				X	X							

Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)	Notes:  Please bill to Crestone Peak Resources (CPR)
<i>Jim</i>	9/8/21 1515	<i>Will Gal-</i>	9/9/21 1640	Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	48 hours <input type="checkbox"/>	
				Sample Integrity:	
				Temperature Upon Receipt:	6.6
				Samples Intact:	Yes No

# Summit Scientific

2109144.2

4653 Table Mountain Drive ♦ Golden, Colorado 80403  
303-277-9310 ♦ 303-374-5933 (f)

Page 2 of 2

Client: Remington Technologies, LLC.

Project Manager: Jeff Carlo

Address: 2307 W. 8th St.

E-Mail: Jcarlo@remingtontech.net; Ldent; Rmillunzi, christopher.rice@crestonepr.com

City/State/Zip: Loveland, CO 80537

Phone: 970-278-1646

Project Name: Brown C Unit 2

Sampler Name: Jeff Carlo

Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Table 915 Organics	Table 915 Inorganics								
1	AGW-05	9/8/2021	10:35	4	X				X					X	X							
2	AGW-06	9/8/2021	10:22	4	X				X					X	X							
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Relinquished by: <u>2m</u>	Date/Time: <u>9/8/21 1515</u>	Received by: <u>Will Carlo</u>	Date/Time: <u>9/9/21 1640</u>	Turn Around Time (Check)	Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> Sample Integrity: Temperature Upon Receipt: <u>6.6</u> Samples Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Notes:</b>  Please bill to Crestone Peak Resources (CPR)
Relinquished by:	Date/Time:	Received by:	Date/Time:			
Relinquished by:	Date/Time:	Received by:	Date/Time:			
Relinquished by:	Date/Time:	Received by:	Date/Time:			



2109144

## Sample Receipt Checklist

S2 Work Order \_\_\_\_\_

Client: Remington Client Project ID: Brown C Unit 2Shipped Via: ☐ H.D. ☒ P.U. ☐ FedEx ☐ UPS ☐ USPS ☐ Other \_\_\_\_\_ Airbill #: \_\_\_\_\_Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: \_\_\_\_\_  
(Describe)

Temp (°C)	6.6
-----------	-----

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C <sup>(1)</sup> ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ice
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact <sup>(1)</sup> ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) <sup>(1)</sup> ? Note the type of preservative in the Comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , ect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HCl
If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.WG  
Custodian Printed Name or InitialsVicki Salter  
Signature of Custodian9/9/21  
Date/Time



Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-01R**  
**2109144-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/08/21 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		54.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chloride	126	12.0	mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	2070	60.0	"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Total Dissolved Solids	2410	10.0	mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-02RR**  
**2109144-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/08/21 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		52.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	76.4	12.0	mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	122	60.0	"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	964	10.0	mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-03**  
**2109144-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 09:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/08/21 09:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		51.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.1 %	21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 09:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	31.6	12.0	mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	137	60.0	"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 09:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	397	10.0	mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-04R**  
**2109144-04 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		51.2 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		85.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	151	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	249	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	1430	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-05R**  
**2109144-05 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 09:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 09:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		57.2 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 09:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>83.4</b>	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	<b>1940</b>	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 09:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	<b>2110</b>	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-06**  
**2109144-06 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		55.9 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		92.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>40.8</b>	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	<b>685</b>	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	<b>818</b>	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**MW-07**  
**2109144-07 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		54.4 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.5 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.4 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	23.4	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	782	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	986	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**AGW-01R**  
**2109144-08 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 09:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 09:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		54.9 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		97.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.1 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 09:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	32.0	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	489	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 09:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	598	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**AGW-02R**  
**2109144-09 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		54.4 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		89.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.1 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>68.2</b>	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	<b>1110</b>	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	<b>1210</b>	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**AGW-03**  
**2109144-10 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 10:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		58.1 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		95.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.9 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	12.6	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	850	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:12**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	966	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**AGW-05**  
**2109144-11 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		53.3 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		96.3 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.6 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	<b>29.0</b>	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	<b>1980</b>	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	<b>2210</b>	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**AGW-06**  
**2109144-12 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/08/21 10:22**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BEI0225	09/10/21	09/11/21	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/08/21 10:22**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		51.1 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		95.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.7 %		21-167		"	"	"	"	

**Anions by EPA Method 300.0**

Date Sampled: **09/08/21 10:22**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	34.6	12.0		mg/L	200	BEI0343	09/16/21	09/16/21	EPA 300.0	
Sulfate	2320	60.0		"	"	"	"	"	"	

**Total Dissolved Solids by SM2540C**

Date Sampled: **09/08/21 10:22**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2550	10.0		mg/L	1	BEI0216	09/10/21	09/10/21	SM2540C	

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch BEI0225 - EPA 5030 Water MS

##### Blank (BEI0225-BLK1)

Prepared: 09/10/21 Analyzed: 09/11/21

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.2		"	13.3		84.1	23-173			
Surrogate: Toluene-d8	12.1		"	13.3		90.8	20-170			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.7	21-167			

##### LCS (BEI0225-BS1)

Prepared: 09/10/21 Analyzed: 09/11/21

Benzene	24.4	1.0	ug/l	25.0		97.4	51-132			
Toluene	22.8	1.0	"	25.0		91.1	51-138			
Ethylbenzene	26.5	1.0	"	25.0		106	58-146			
m,p-Xylene	53.5	2.0	"	50.0		107	57-144			
o-Xylene	26.9	1.0	"	25.0		108	53-146			
Naphthalene	27.0	1.0	"	25.0		108	70-130			
1,2,4-Trimethylbenzene	25.2	1.0	"	25.0		101	70-130			
1,3,5-Trimethylbenzene	24.6	1.0	"	25.0		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	10.6		"	13.3		79.4	23-173			
Surrogate: Toluene-d8	12.2		"	13.3		91.6	20-170			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.2	21-167			

##### Matrix Spike (BEI0225-MS1)

Source: 2109080-01

Prepared: 09/10/21 Analyzed: 09/11/21

Benzene	23.6	1.0	ug/l	25.0	ND	94.3	34-141			
Toluene	24.1	1.0	"	25.0	ND	96.3	27-151			
Ethylbenzene	29.6	1.0	"	25.0	ND	119	29-160			
m,p-Xylene	60.1	2.0	"	50.0	ND	120	20-166			
o-Xylene	30.3	1.0	"	25.0	ND	121	33-159			
Naphthalene	24.9	1.0	"	25.0	1.34	94.3	70-130			
1,2,4-Trimethylbenzene	29.6	1.0	"	25.0	ND	119	70-130			
1,3,5-Trimethylbenzene	29.1	1.0	"	25.0	ND	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	7.05		"	13.3		52.9	23-173			
Surrogate: Toluene-d8	12.5		"	13.3		93.9	20-170			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		93.7	21-167			

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

**Batch BEI0225 - EPA 5030 Water MS**

Matrix Spike Dup (BEI0225-MSD1)	Source: 2109080-01			Prepared: 09/10/21 Analyzed: 09/11/21						
Benzene	24.0	1.0	ug/l	25.0	ND	96.2	34-141	1.97	30	
Toluene	24.1	1.0	"	25.0	ND	96.5	27-151	0.207	30	
Ethylbenzene	27.7	1.0	"	25.0	ND	111	29-160	6.73	30	
m,p-Xylene	57.0	2.0	"	50.0	ND	114	20-166	5.18	30	
o-Xylene	28.5	1.0	"	25.0	ND	114	33-159	6.05	30	
Naphthalene	28.1	1.0	"	25.0	1.34	107	70-130	12.1	30	
1,2,4-Trimethylbenzene	27.4	1.0	"	25.0	ND	109	70-130	8.03	30	
1,3,5-Trimethylbenzene	26.6	1.0	"	25.0	ND	106	70-130	9.05	30	
Surrogate: 1,2-Dichloroethane-d4	9.65		"	13.3		72.4	23-173			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	20-170			
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.1	21-167			

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**Anions by EPA Method 300.0 - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

**Batch BEI0343 - General Preparation**

**Blank (BEI0343-BLK1)**

Prepared & Analyzed: 09/16/21

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

**LCS (BEI0343-BS1)**

Prepared & Analyzed: 09/16/21

Chloride	2.95	0.0600	mg/L	3.00	98.3	90-110
Sulfate	16.1	0.300	"	15.0	108	90-110

**Duplicate (BEI0343-DUP1)**

Source: 2109144-01

Prepared & Analyzed: 09/16/21

Chloride	136	12.0	mg/L	126	7.46	20
Sulfate	1840	60.0	"	2070	11.8	20

**Matrix Spike (BEI0343-MS1)**

Source: 2109144-01

Prepared & Analyzed: 09/16/21

Chloride	769	12.0	mg/L	600	126	107	80-120
Sulfate	4510	60.0	"	3000	2070	81.6	80-120

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

**Total Dissolved Solids by SM2540C - Quality Control**  
**Summit Scientific**

Analyte	Result	Reporting			Spike	Source	%REC		RPD		
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	

**Batch BEI0216 - General Preparation**

**Blank (BEI0216-BLK1)**

Prepared & Analyzed: 09/10/21

Total Dissolved Solids ND 10.0 mg/L

**Duplicate (BEI0216-DUP1)**

Source: 2109111-01

Prepared & Analyzed: 09/10/21

Total Dissolved Solids 2180 10.0 mg/L 2180 0.00 20

Summit Scientific

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Remington Technologies  
2307 W 8th St  
Loveland CO, 80537

Project: Brown C Unit 2

Project Number: [none]  
Project Manager: Jeff Carlo

**Reported:**  
09/20/21 14:55

### Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference