

**CAMECO RESOURCES
CROW BUTTE OPERATION**



86 Crow Butte Road
P.O. Box 169
Crawford, Nebraska 69339-0169

(308) 665-2215
(308) 665-2341 – FAX

October 20, 2016

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Marty Link, Water Quality Division Administrator
Nebraska Department of Environmental Quality
P.O. Box 98922
Lincoln, NE 68509-8922

Class III UIC Permit NE0122611
September 2016 Monthly Restoration Report

Dear Ms. Link:

Please find enclosed the September 2016 Monthly Restoration Reports for Mine Units 2, 3, 4, 5 and 6. The reverse osmosis (RO) units continue to inject permeate and reductant into Mine Units 4, 5, and 6 with groundwater sweep continuing in portions of the three mine units.


Mine Units 2 and 3 remain in stability monitoring.

If you have any questions regarding this submittal, please feel free to contact me at (308) 665-2215, ext. 114.

Sincerely,
Cameco Resources
Crow Butte Operation

Larry Teahon
SHEQ Manager

Enclosures: As Stated

cc:  - NRC
CBO - File
cc: CR – Electronic File
Nancy Harris – NDEQ Program Coordinator
Kory Winters – NDEQ Field Office

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2016
MINE UNIT 2

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment		X	
d. Wellfield Recirculation		X	
e. Other (explain):	X		The Mine Unit is in Stability Monitoring.

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

No samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2016
MINE UNIT 3

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment		X	
d. Wellfield Recirculation		X	
e. Other (explain):	X		The Mine Unit is in Stability Monitoring.

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

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3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

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4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

No samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2016
MINE UNIT 4

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep	X		(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant I536P, I539P, and I546P.
d. Wellfield Recirculation		X	
e. Other (explain):			

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

BL-8, BL-9, CM1-7, CM2-4, P372, P392, P410, I535P, I543P, I544P, I545P, P6023, P6024, and P6029.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-8, BL-9, BL-10, BL-14, BL-16, BL-17, BL-18, BL-19, BL-20, CM1-7, CM2-1, CM2-2, CM2-4, CM2-9, CM2-10, CM3-1, CM3-2, CM3-3, CM4-7, CM4-8, CM4-9, CM4-10, CM4-11, CM4-12, P372, P391, P392, P393, P410, I534P, I535P, I536P, I537P, I538P, I539P, I540P, I541P, I542P, I543P, I544P, I545P, I546P, I547P, I550P, P6023, P6024 and P6029.

Line Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
L-10	9/27/2016	228.0	2.28	34.0	0.52	133.2	59.9	713	8.44	498	0.033	0.859	0.481
L-14	9/14/2016	205.0	3.56	28.0	0.49	126.3	75.5	684	8.51	479	0.005	0.087	0.005
L-16	9/14/2016	314.0	6.50	73.0	1.28	215.9	136.8	1196	8.28	715	0.060	0.462	0.005
L-17	9/14/2016		71.49	344.0	19.80	938.4	871.9	4789	7.63	3281	0.000	5.496	1.651
	9/27/2016		72.19	365.0	20.80	939.9	860.7	4805	7.31	3286	0.002	5.522	1.619
L-18	9/27/2016	316.0	4.90	75.0	1.10	215.1	115.4	1092	8.22	657	0.012	1.027	0.867
L-19	9/14/2016	342.0	5.73	84.0	1.21	235.3	133.0	1224	8.09	737	0.075	3.662	0.332
L-20	9/14/2016	272.0	4.13	74.0	0.71	193.3	101.0	995	8.01	601	0.027	0.727	0.079
L-8	9/14/2016	446.0	15.60	135.0	4.16	323.4	212.4	1665	7.79	1048	0.017	1.816	0.216
L-9	9/14/2016	317.0	11.89	108.0	2.99	240.2	164.5	1268	7.67	800	0.161	1.287	0.069
M1-7	9/14/2016	410.0	19.73	202.0	5.21	377.5	310.4	2046	7.64	1259	0.004	0.674	0.079
	9/27/2016	406.0	19.16	196.0	5.39	374.9	320.5	2085	7.68	1282	0.002	1.503	0.087
M2-1	9/27/2016	445.0	22.19	128.0	5.60	319.6	221.5	1712	7.64	1073	0.065	0.938	0.037
M2-10	9/14/2016	367.0	22.08	113.0	3.33	292.1	222.8	1561	8.09	994	0.095	9.842	0.070
M2-2	9/14/2016	548.0	31.30	193.0	7.24	427.2	316.1	2300	7.75	1436	0.033	2.157	0.165
M2-4	9/14/2016	360.0	15.18	147.0	3.76	318.0	244.9	1640	7.96	1035	0.011	0.552	0.046
M2-9	9/14/2016	268.0	9.62	48.0	1.13	168.9	97.4	908	7.81	575	0.164	0.415	0.013
M3-1													

Line Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
M3-2	9/14/2016	214.0	42.55	23.0	4.15	63.6	36.7	575	7.79	365	0.193	0.408	0.562
	9/14/2016	160.0	3.22	34.0	0.38	106.8	64.5	592	8.48	383	0.013	-0.009	0.000
M3-3	9/14/2016	323.0	9.31	95.0	2.08	256.7	192.6	1386	8.12	870	0.190	3.829	0.299
M4-10	9/14/2016		152.40	486.0	37.28	998.9	1086.0	5879	7.20	3693	0.105	1.359	0.047
M4-11	9/14/2016	620.0	67.81	237.0	10.44	506.8	644.5	2741	6.28	1767		0.095	0.009
M4-12	9/14/2016		99.63	434.0	31.16	1196.0	1261.0	6462	7.10	4080	0.019	4.542	0.570
M4-7	9/14/2016	888.0	95.48	373.0	27.17	795.9	749.0	4165	7.27	2803		0.030	0.033
M4-8	9/14/2016	1040.0	119.30	425.0	30.64	882.3	880.2	5003	7.29	3326	0.130	2.692	0.044
M4-9	9/14/2016	618.0	41.46	162.0	10.10	437.2	389.2	2534	7.47	1618	0.566	0.377	0.019
534P	9/14/2016	295.0	12.40	150.0	2.28	290.0	235.6	1568	8.04	998	0.003	1.459	0.083
535P	9/14/2016	425.0	18.74	179.0	5.07	381.6	308.1	1971	7.98	1215	-0.002	1.922	0.108
	9/27/2016	436.0	18.27	179.0	5.03	379.9	303.3	2043	7.87	1258	0.001	1.948	0.104
536P	9/14/2016	466.0	27.56	156.0	7.36	371.4	317.7	1978	7.74	1219	-0.003	6.314	0.137
	9/27/2016	448.0	26.18	172.0	7.42	371.7	315.6	2074	7.64	1276	0.000	5.968	0.137
537P	9/14/2016	151.0	63.86	276.0	0.89	186.6	97.9	1375	7.86	865	0.010	0.043	-0.018
538P	9/14/2016	291.0	16.13	104.0	1.48	199.1	107.2	1138	8.20	683	0.003	0.972	0.040
539P	9/14/2016	459.0	19.89	155.0	5.31	355.1	263.3	1861	7.94	1150	0.011	1.752	0.172
	9/27/2016	444.0	19.61	162.0	5.50	363.9	265.2	1938	7.87	1196	0.013	1.753	0.175

line Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
40P	9/14/2016	418.0	20.40	185.0	4.07	396.4	334.5	2102	7.89	1292	0.048	5.897	0.107
41P	9/14/2016	496.0	22.88	180.0	5.71	389.6	270.4	2073	8.24	1275	0.008	1.505	0.264
42P	9/14/2016	984.0	137.10	370.0	32.05	775.0	825.5	4428	7.16	2933	0.147	12.940	0.222
43P	9/14/2016	796.0	61.68	243.0	16.85	609.6	552.5	3215	7.45	2121	-0.003	6.120	0.139
	9/27/2016	829.0	64.67	262.0	18.09	638.6	596.8	3534	7.34	2345	0.001	6.214	0.137
44P	9/14/2016	1003.0	116.40	365.0	29.33	824.3	831.4	4347	7.32	2893	-0.001	8.739	0.375
	9/27/2016	961.0	107.90	373.0	27.38	795.6	800.4	4377	7.22	2908	0.001	8.159	0.352
45P	9/14/2016	706.0	53.96	254.0	13.96	547.1	477.8	2928	7.42	1903	-0.002	4.137	0.365
	9/27/2016	703.0	55.14	253.0	14.33	559.4	485.8	3112	7.31	2040	0.001	4.159	0.367
46P	9/14/2016	817.0	73.65	321.0	18.83	702.5	650.3	3670	7.40	2451	0.032	2.410	0.058
	9/27/2016	775.0	67.67	297.0	17.59	666.9	599.8	3567	7.30	2370	0.036	2.367	0.057
47P	9/27/2016	708.0	50.52	262.0	12.69	620.1	561.4	3217	7.22	2122	0.313	4.650	0.095
50P	9/14/2016	264.0	5.38	66.0	0.96	181.6	103.6	954	7.56	588	0.151	0.238	0.033
372	9/14/2016	442.0	17.85	160.0	4.43	362.3	274.6	1851	7.57	1145	0.025	6.410	0.112
391	9/27/2016	339.0	15.05	171.0	3.72	327.3	276.8	1766	8.19	1101	0.002	1.558	0.108
392	9/14/2016	911.0	97.18	335.0	23.23	718.8	711.3	3910	7.49	2617	-0.002	3.793	0.266
	9/27/2016	864.0	85.97	319.0	22.40	707.7	681.0	3891	7.39	2608	0.000	4.620	0.261
393	9/14/2016	275.0	36.45	79.0	3.72	163.8	138.9	1004	7.60	604	0.021	0.158	0.014
410													

Line Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
	9/14/2016	953.0	95.89	296.0	24.24	750.3	732.4	3968	7.42	2643	-0.001	5.228	0.319
	9/27/2016	886.0	88.42	300.0	22.39	712.9	685.2	3929	7.30	2625	0.002	4.775	0.295
5023	9/14/2016	554.0	30.70	162.0	7.85	462.8	418.9	2389	7.32	1510	0.005	1.367	0.015
	9/27/2016	557.0	30.02	173.0	8.03	469.0	415.6	2463	7.18	1565	0.010	1.384	0.013
5024	9/14/2016	668.0	46.07	197.0	10.98	524.4	450.9	2684	7.43	1728	0.039	1.103	0.027
	9/27/2016	648.0	44.14	206.0	11.33	513.2	446.2	2745	7.34	1771	0.059	1.070	0.022
6029	9/14/2016		169.30	452.0	41.80	1148.0	1233.0	5900	7.26	3702	0.101	9.403	0.067
	9/27/2016		175.80	461.0	44.71	1168.0	1239.0	6193	7.12	3906	0.163	9.294	0.070
M-3	9/14/2016	253.0	13.24	106.0	2.93	211.0	170.6	1188	7.80	713	0.006	0.739	0.048

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2016
MINE UNIT 5

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep	X		(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant I676P, I685P, and P1117.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:
BL5-3, BL5-5, P683, I693P, P694, P699, I698P, P849, P1002, and P1156.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL5-1, BL5-2, BL5-3, BL5-5, I675P, I676P, P679, P680, P682, P683, I685P, I686P, I687P, I688P, I689P, P690, P691, I692P, I693P, P694, P695, I696P, I698P, P699, P700, P701, P751, P789, I792P, P810, P849, P889, P908, P1002, P1003, P1039, P1050, P1060, P1075, P1117, I1129P, P1137, P1155, P1156, P1209, P1216, P1885, P6016, P6020, P6021, and P6022.

Line Unit 5 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
5-1	9/14/2016	270	4.54	50	0.97	175.9	98.6	943	8.48	586	0.010	0.188	-0.003
5-2	9/14/2016	315	13.94	51	1.40	186.9	104.8	1028	7.80	618	0.022	0.056	0.008
5-3	9/14/2016	374	20.61	165	5.00	350.4	306.6	1854	8.00	1146	0.040	0.024	0.009
	9/27/2016	372	20.03	159	5.03	347.9	305.6	1914	7.88	1181	0.046	0.038	0.009
5-5	9/14/2016	318	13.98	142	3.24	309.7	278.8	1652	8.19	1041	0.021	0.096	0.005
	9/27/2016	317	14.12	144	3.43	318.0	281.8	1729	8.10	1082	0.026	0.128	0.007
126P	9/14/2016	286	24.98	87	1.47	161.7	72.2	1005	8.08	605	0.048	1.141	0.425
175P	9/14/2016	250	5.03	76	0.91	202.6	150.6	1089	8.00	654	0.196	0.320	0.218
176P	9/14/2016	321	7.76	96	1.92	253.1	199.2	1342	8.00	840	0.039	2.293	0.411
178P	9/14/2016	428	20.09	116	3.01	308.3	216.2	1667	8.16	1049	0.131	4.751	0.199
185P	9/14/2016	470	20.66	201	5.55	449.1	406.8	2329	8.06	1460	-0.002	2.271	0.339
	9/27/2016	460	20.26	204	5.59	447.1	404.6	2408	7.95	1525	0.001	2.329	0.326
186P	9/14/2016	296	16.21	168	2.37	315.2	276.9	1725	7.95	1080	0.055	0.925	0.068
187P	9/14/2016	350	17.81	183	3.30	369.2	329.9	1970	8.01	1215	0.055	8.216	0.210
188P	9/14/2016	298	14.49	197	2.82	355.0	333.1	1939	7.75	1196	0.094	2.787	0.050
189P	9/27/2016	340	19.70	160	3.26	351.7	318.3	1837	7.89	1138	0.153	3.386	0.524
192P	9/27/2016	276	6.18	86	1.46	223.4	165.1	1181	8.21	706	0.031	1.684	0.306
193P	9/14/2016	325	10.04	135	2.26	318.2	277.7	1663	8.19	1047	0.007	4.966	0.588
	9/27/2016	321	9.16	135	2.15	303.8	259.4	1659	8.13	1045	0.014	4.821	0.570
196P	9/27/2016	289	11.12	180	2.34	341.6	327.1	1836	7.99	1137	0.062	1.241	0.145
198P													

Line Unit 5 Restoration Data

Vell Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
92P	9/14/2016	309	10.00	132	2.18	283.9	245.6	1574	8.40	1000	-0.001	1.047	0.946
	9/14/2016	273	14.40	180	2.85	329.6	327.4	1826	7.93	1132	0.084	0.997	0.064
1002	9/14/2016	361	18.04	196	4.48	393.1	384.5	2087	8.10	1283	-0.001	1.221	0.275
1003	9/14/2016	338	17.36	159	3.53	339.9	312.4	1878	8.08	1160	0.011	5.320	0.444
1039	9/14/2016	334	15.81	183	2.89	364.2	360.4	2039	8.30	1256	0.005	1.179	2.273
1050	9/14/2016	236	9.89	130	1.45	257.7	257.6	1481	8.13	928	0.031	0.871	0.241
1060	9/27/2016	324	5.99	97	1.44	262.6	187.7	1360	8.02	853	0.081	1.139	0.905
1075	9/14/2016	227	7.26	114	1.35	230.1	208.3	1292	8.02	812	0.078	0.761	0.051
1117	9/14/2016	278	9.95	122	2.62	270.9	248.3	1480	8.14	927	0.022	0.594	0.194
	9/27/2016	267	9.38	120	2.57	265.6	235.9	1473	8.11	920	0.028	0.561	0.238
1137	9/14/2016	337	11.59	141	2.41	311.5	262.5	1683	8.37	1057	0.043	2.666	0.228
1155	9/27/2016	276	9.93	93	1.66	227.4	172.5	1228	7.94	739	0.032	1.679	0.042
1156	9/14/2016	674	47.49	276	9.72	567.6	500.2	3208	7.81	2116	0.057	6.958	0.245
	9/27/2016	616	36.93	270	9.12	574.9	503.3	3092	7.74	2024	0.052	7.281	0.157
1209	9/14/2016	481	17.38	133	4.49	359.5	255.5	1939	7.86	1196	0.081	5.670	0.250
1216	9/27/2016	475	14.07	110	3.32	330.0	196.1	1716	8.15	1075	0.007	3.679	1.451
1885	9/14/2016	194	5.32	89	0.74	190.1	161.0	1064	8.13	639	0.101	0.316	0.064
6016	9/14/2016	336	19.90	106	2.83	268.8	203.4	1424	7.77	893		0.268	0.000
6020	9/14/2016	337	23.98	221	5.21	417.3	407.2	2207	7.83	1365		0.017	0.005
6021	9/14/2016	602	38.71	233	6.75	485.7	393.4	2751	7.94	1776	0.056	2.007	0.017

Line Unit 5 Restoration Data

Vell Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
6022	9/14/2016	207	7.16	61	1.24	155.2	127.4	931	8.27	584	0.233	0.092	0.004
679	9/14/2016	298	11.33	105	1.78	263.5	213.5	1403	7.81	882	0.466	1.071	0.079
680	9/14/2016	289	4.26	67	0.87	207.7	132.7	1082	8.28	650	0.044	2.599	0.301
682	9/27/2016	221	5.43	64	0.78	167.1	112.8	882	8.29	555	0.069	1.006	0.140
683	9/27/2016	257	5.93	78	1.44	201.0	142.0	1088	8.09	654	0.018	1.222	0.448
690	9/14/2016	171	20.19	86	0.72	115.9	69.3	767	8.08	526	0.162	0.299	0.067
691	9/27/2016	453	23.91	132	5.32	332.7	245.5	1816	8.08	1127	0.045	2.825	0.154
694	9/14/2016	422	16.99	175	4.25	393.3	331.6	2061	8.01	1268	0.048	2.120	0.235
	9/27/2016	424	16.21	174	4.24	391.8	325.7	2123	7.92	1305	0.056	2.281	0.244
695	9/14/2016	360	7.11	103	1.66	259.0	159.3	1407	8.09	885	0.049	2.612	0.204
699	9/14/2016	352	10.77	157	3.02	349.8	316.9	1907	8.25	1177	-0.001	1.083	1.116
700	9/14/2016	318	18.97	165	4.38	335.2	319.9	1869	8.10	1155	0.003	1.172	0.212
701	9/14/2016	303	14.53	203	3.41	364.3	356.4	2017	8.20	1242	0.000	0.532	0.693
751	9/27/2016	381	7.12	71	1.51	252.9	142.6	1274	8.27	803	0.015	6.784	0.375
789	9/27/2016	313	15.09	182	3.80	364.9	345.5	1942	7.88	1198	0.023	1.227	0.035
810	9/14/2016	336	10.71	116	1.79	284.9	222.8	1534	8.35	977	0.064	1.909	0.025
849	9/14/2016	310	14.03	192	3.25	356.7	339.6	1882	8.02	1162	0.015	0.816	0.026
	9/27/2016	311	13.92	186	3.36	365.7	344.2	1982	7.93	1222	0.021	0.860	0.021
889	9/27/2016	305	13.76	191	3.00	360.2	334.2	1916	7.99	1182	0.043	3.628	0.095
908													

Line Unit 5 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
	9/14/2016	299	22.92	214	3.25	349.1	325.0	1963	8.15	1212	0.013	2.615	0.044

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
SEPTEMBER 2016
MINE UNIT 6

1. RESTORATION ACTIVITY DURING MONTH:

	YES	NO	
a. Groundwater Transfer		X	(if yes, complete part 2)
b. Groundwater Sweep		X	(if yes, complete part 3)
c. Groundwater Treatment	X		RO and Reductant P1374, P1377, P1399, P1439, P1467, P1598, P1624, and P1868.
d. Wellfield Recirculation		X	
e. Other (explain):		X	

2. LIST WELLS USED IN GROUNDWATER TRANSFER DURING THE MONTH:

3. LIST WELLS USED IN GROUNDWATER SWEEP DURING THE MONTH:

P1273, P1288, P1312, P1314, P1315, P1402, P1404, P1426, P1440, P1449, P1461, P1476, P1494, P1506, P1532, P1582, P1611, P1704, and P1721.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

P1273, P1288, P1312, P1314, P1315, P1374, P1377, P1399, P1402, P1404, P1426, P1439, P1440, P1449, P1461, P1467, P1476, P1494, P1532, P1582, P1598, P1611, P1624, P1704, and P1721.

U6 Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
1273	9/14/2016	739	312	41.21	10.41	643.3	524.4	3384	7.80	2254		0.10	14.390	0.255
	9/27/2016	680	306	39.11	9.85	608.6	505.4	3248	7.41	2145		0.09	13.070	0.233
1288	9/14/2016	601	328	44.34	10.97	586.2	548.5	3285	7.60	2174		0.06	6.425	0.115
	9/27/2016	616	313	44.92	11.27	592.4	553.4	3295	7.49	2182		0.07	6.461	0.121
1312	9/14/2016	393	125	14.96	3.70	309.7	216.0	1619	8.13	1024		0.18	4.494	1.753
1314	9/14/2016	805	381	38.65	11.98	748.6	643.3	3931	7.94	2626		0.01	3.800	1.070
	9/27/2016	806	389	37.86	12.01	760.0	641.9	4092	7.84	2699		0.02	3.740	1.152
1315	9/14/2016	590	328	42.31	10.53	603.7	546.0	3194	7.92	2104		0.04	0.683	0.226
	9/27/2016	579	327	40.69	10.83	589.7	545.6	3292	7.79	2179		0.04	0.689	0.200
1374	9/14/2016	479	110	10.98	3.02	337.2	213.2	1727	8.20	1081		0.01	3.156	1.832
1377	9/14/2016	372	177	23.02	5.35	356.1	320.5	1939	7.94	1196		0.02	1.452	0.366
1399	9/14/2016	587	229	40.20	8.82	486.5	430.0	2702	7.76	1742		0.03	1.915	0.385
	9/27/2016	563	221	37.36	8.77	495.4	411.8	2672	7.68	1719		0.04	1.847	0.388
1402	9/14/2016	539	162	20.87	5.01	416.4	298.7	2204	7.65	1362		0.05	5.195	0.188
	9/27/2016	542	182	22.68	5.60	436.3	311.5	2289	7.69	1427		0.07	4.772	0.189
1404	9/14/2016	800	307	45.43	11.10	661.6	559.3	3540	7.86	2350		0.07	5.530	0.144
	9/27/2016	747	307	42.34	10.58	640.5	515.1	3430	7.69	2274		0.12	4.998	0.141
1426	9/14/2016	378	180	20.51	5.13	380.5	350.9	2026	7.90	1247		0.04	3.360	0.194
	9/27/2016	371	185	19.23	5.02	379.5	347.6	2113	7.81	1298		0.05	3.245	0.182
1439	9/14/2016	578	150	14.87	4.40	423.2	264.6	2101	8.04	1292		0.01	3.250	1.818
1440	9/14/2016	547	192	23.21	6.88	437.4	320.2	2303	7.97	1439		0.00	2.194	2.498
	9/27/2016	550	202	22.73	7.00	438.2	319.0	2403	7.80	1521		0.01	2.136	2.443
1449														

MU6 Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
1461	9/14/2016	778	221	27.85	7.38	573.4	407.3	2938	7.84	1912		0.01	13.460	0.671
	9/27/2016	757	223	26.58	7.53	591.0	397.1	2992	7.73	1949		0.02	13.350	0.681
1467	9/14/2016	457	253	27.15	7.23	508.9	479.3	2672	8.05	1719		0.00	2.723	0.592
	9/27/2016	440	243	24.49	6.60	479.8	459.2	2657	7.99	1709		0.00	2.679	0.568
1476	9/14/2016	639	246	20.46	6.51	549.8	428.5	2852	7.98	1850		0.00	5.403	1.843
	9/27/2016	606	240	18.99	6.48	541.0	407.5	2843	7.87	1843		0.01	5.228	1.917
1494	9/14/2016	497	169	17.05	4.41	418.6	339.9	2184	8.09	1346		0.01	8.732	0.608
	9/27/2016	483	172	16.23	4.34	421.5	334.0	2247	7.95	1396		0.01	8.384	0.610
1532	9/14/2016	736	333	38.06	9.88	670.4	562.2	3524	7.83	2337		0.02	5.814	0.426
	9/27/2016	674	318	33.45	8.78	617.7	515.4	3329	7.48	2208		0.02	5.094	0.469
1582	9/14/2016	862	368	55.37	13.33	780.2	675.1	4175	7.47	2808		0.01	3.395	0.023
	9/27/2016	844	384	53.13	13.34	769.9	655.7	4047	7.36	2678		0.01	4.391	0.021
1598	9/14/2016	369	198	14.81	3.97	396.7	382.3	2190	8.05	1351		0.00	1.415	0.624
	9/27/2016	359	205	14.18	3.98	390.6	371.5	2130	8.02	1309		0.01	1.319	0.661
1611	9/14/2016	668	244	26.21	7.83	553.7	412.4	2943	7.70	1916		0.00	7.857	1.806
	9/27/2016	607	229	22.21	6.91	493.9	360.8	2589	7.70	1658		0.03	7.366	2.064
1624	9/14/2016	396	186	17.77	4.53	401.9	388.5	2188	8.02	1349		0.06	5.269	0.330
	9/27/2016	385	192	17.35	4.70	412.3	389.3	2265	7.93	1410		0.07	4.892	0.351
1704	9/14/2016	396	22	9.28	2.78	319.2	236.0	1740	8.20	1087		0.02	1.880	1.465
	9/27/2016	383	117	8.11	2.53	306.7	214.2	1574	8.16	1000		0.03	1.729	1.583
1721	9/14/2016	748	314	31.25	8.65	670.4	536.6	3483	7.73	2303		0.05	12.370	0.334
	9/27/2016	689	317	28.81	8.03	632.6	513.4	3398	7.60	2261		0.06	11.200	0.371
	9/14/2016	919	433	39.13	12.55	825.5	659.5	4372	7.57	2906		0.00	9.375	0.925
	9/27/2016	891	400	37.38	12.39	808.1	640.6	4105	7.50	2704		0.00	8.765	0.987