

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

**(308) 665-2215
(308) 665-2341 – FAX**

July 14, 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
June 2016 Monthly Restoration Report

Dear Ms. Link:

Please find enclosed the June 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: Ron Burrows – NRC
CBO - File
cc: CR – Electronic File
Nancy Harris – NDEQ Program Coordinator
Kory Winters – NDEQ Field Office

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 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
 JUNE 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:

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
 JUNE 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, CM2-4, P372, I543P, I544P, I545P, P6023, P6024, and P6029.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-9, BL-10, BL-17, BL-18, CM2-1, CM2-4, CM4-7, CM4-8, CM4-9, CM4-10, CM4-11, CM4-12, P372, P391, I536P, I539P, I543P, I544P, I545P, I546P, I547P, P6023, P6024 and P6029.

Mine Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-10	6/28/2016	246.0	3.25	29.0	0.63	130.8	63.7	721	8.43	505	0.059	1.008	0.379
BL-17	6/14/2016		71.43	346.0	19.57	936.6	901.2	4673	7.28	3253	0.002	5.488	1.582
	6/28/2016		71.61	371.0	19.94	951.9	932.6	4863	7.32	3299	0.015	5.358	1.621
BL-18	6/28/2016	373.0	9.69	107.0	1.56	237.5	157.6	1409	8.21	886	0.025	1.874	0.403
BL-9	6/28/2016	320.0	12.38	118.0	3.18	258.9	187.4	1374	7.62	864	0.127	1.385	0.084
CM2-1	6/28/2016	949.0	87.27	375.0	21.44	751.2	783.4	4353	7.40	2896	0.219	2.305	0.053
CM2-4	6/28/2016	364.0	15.68	146.0	3.95	322.4	256.3	1705	7.93	1068	0.019	0.612	0.060
GM4-10	6/14/2016		143.30	514.0	33.59	961.1	1117.0	5666	7.30	3548	0.094	1.392	0.033
CM4-11	6/14/2016	732.0	94.55	286.0	13.49	515.9	576.2	3366	7.47	2236	0.040	0.687	-0.021
CM4-12	6/14/2016		89.64	454.0	27.68	1090.0	1262.0	6339	7.17	4060	0.026	5.158	0.534
GM4-7	6/14/2016	769.0	78.21	333.0	20.06	622.9	687.1	3725	7.51	2492	0.071	0.026	-0.040
GM4-8	6/14/2016	1069.0	117.90	453.0	29.07	838.2	948.5	5035	7.25	3331	0.129	3.640	0.061
CM4-9	6/14/2016	904.0	76.24	280.0	17.64	647.4	720.6	3923	7.35	2622	2.951	1.391	-0.018
I536P	6/7/2016		27.66		7.25	381.0	328.3					6.382	0.143
	6/14/2016	468.0	28.36	166.0	7.30	386.3	326.6	2153	7.67	1323	0.001	6.332	0.150
	6/21/2016		27.22		7.09	376.4	321.6					6.413	0.137
	6/28/2016	455.0	26.99	172.0	7.22	379.3	331.4	2058	7.71	1267	0.003	6.304	0.153
I539P	6/7/2016		23.22		6.18	389.2	308.0					1.987	0.146

Mine Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
	6/14/2016	477.0	23.42	181.0	6.24	401.7	311.9	2174	7.89	1338	0.013	2.007	0.156
	6/21/2016		22.35		6.21	405.9	307.7					1.976	0.148
	6/28/2016	476.0	22.05	177.0	6.02	391.2	313.3	2111	7.90	1296	0.015	1.965	0.155
1543P	6/7/2016		71.25		18.36	667.7	621.0					9.697	0.161
	6/14/2016	869.0	72.11	276.0	18.40	671.8	614.0	3708	7.33	2482	0.000	9.982	0.162
	6/21/2016		71.70		19.16	687.6	637.3					10.640	0.155
	6/28/2016	881.0	73.44	279.0	19.47	677.0	669.2	3640	7.38	2427	0.001	10.310	0.176
1544P	6/7/2016		111.20		28.17	774.4	769.2					9.874	0.377
	6/14/2016	937.0	112.50	364.0	28.35	793.7	800.1	4323	7.26	2882	0.000	10.210	0.383
	6/21/2016		106.40		28.26	776.5	791.5					10.040	0.365
	6/28/2016	957.0	112.40	359.0	28.64	777.5	823.7	4337	7.29	2889	0.002	9.901	0.371
1545P	6/7/2016		61.64		15.67	566.5	508.1					4.348	0.399
	6/14/2016	691.0	62.01	254.0	15.67	579.3	512.1	3136	7.31	2059	0.002	4.428	0.403
	6/21/2016		56.18		15.16	563.2	500.7					4.398	0.400
	6/28/2016	688.0	57.57	250.0	15.04	562.0	524.8	3075	7.39	2010	0.003	4.380	0.398
1546P	6/7/2016		98.07		24.07	818.1	753.3					2.922	0.080
	6/14/2016	883.0	97.47	404.0	24.46	824.9	767.7	4491	7.29	2966	0.030	2.959	0.085
	6/21/2016		92.65		23.91	823.3	768.0					2.969	0.073
	6/28/2016	876.0	91.16	403.0	23.04	810.0	773.8	4254	7.30	2847	0.042	2.865	0.200
1547P	6/28/2016	645.0	46.96	253.0	11.61	528.4	559.2	3151	7.33	2071	0.410	3.504	0.094
P372	6/7/2016		21.96		5.12	378.9	308.0					9.109	0.120
	6/14/2016	454.0	21.59	180.0	5.06	393.2	309.4	2176	7.47	1340	0.024	9.259	0.124
	6/21/2016		19.96		4.95	388.3	300.4					8.779	0.113

Mine Unit 4 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
	6/28/2016	441.0	18.43	169.0	4.60	367.0	287.1	1981	7.49	1221	0.029	7.979	0.142
P391	6/28/2016	335.0	6.79	68.0	1.33	189.1	94.0	1098	8.40	669	0.009	1.264	0.186
P6023	6/14/2016	641.0	40.14	199.0	9.77	550.6	511.5	2974	7.16	1936	0.006	1.768	0.025
	6/21/2016		37.40		9.47	545.8	509.0					1.707	0.014
	6/28/2016	618.0	37.61	193.0	9.25	536.8	514.6	2805	7.20	1817	0.004	1.618	0.015
P6024	6/7/2016		54.60		12.87	564.8	517.1					1.460	0.031
	6/14/2016	687.0	52.70	222.0	12.59	585.2	516.4	3113	7.32	2041	0.066	1.434	0.036
	6/21/2016		49.87		12.13	546.0	503.0					1.390	0.005
	6/28/2016	685.0	49.40	209.0	11.88	556.9	498.5	2937	7.38	1911	0.051	1.360	-0.017
P6029	6/7/2016		179.30		41.22	1110.0	1195.0					9.338	0.080
	6/14/2016		179.50	451.0	41.78	1143.0	1229.0	6006	7.14	3780	0.110	9.483	0.068
	6/21/2016		174.60		42.74	1145.0	1214.0					9.539	0.064

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
JUNE 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 I685P, P1216, and P1239.
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, BL5-4, BL5-5, CPW-1, I693P, P694, P849, and P1002.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL5-3, BL5-4, BL5-5, BL-8, BL-14, CPW-1, CM2-9, CM2-10, CM3-1, CM3-3, CM5-11, CM5-19, I676P, I678P, P679, P680, P682, P683, I685P, I686P, I689P, P691, I692P, I693P, P694, P696, P751, P789, P849, P889, P908, P1002, P1060, P1117, I1126P, P1155, P1209, P1216, P1239, and P1885.

Mine Unit 5 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-14	6/14/2016	192	2.47	25	0.38	108.3	82.7	648	8.49	408	0.008	0.065	0.005
BL5-3	6/14/2016	520	44.07	322	9.99	515.6	597.1	3247	7.90	2145	0.057	0.049	0.013
	6/28/2016	421	27.38	207	6.56	420.1	401.4	2338	7.89	1468	0.057	0.051	-0.006
BL5-4	6/14/2016	371	12.34	109	2.88	273.8	236.9	1656	8.16	1043	0.023	0.222	-0.002
	6/28/2016	378	14.11	123	3.38	312.5	252.7	1685	8.04	1058	0.028	0.184	0.002
BL5-5	6/14/2016	413	27.43	212	5.99	393.2	451.2	2495	8.06	1590	0.110	0.113	0.013
	6/28/2016	296	13.04	126	2.99	279.6	259.2	1595	8.10	1012	0.016	0.113	0.008
BL-8	6/28/2016	483	20.23	27	5.34	373.2	280.7	2013	7.67	1240	0.043	2.710	0.188
GM2-10	6/14/2016	364	15.93	111	2.90	266.8	240.6	1506	8.09	951	0.347	11.120	0.194
GM2-9	6/14/2016	264	3.98	51	0.81	156.5	103.5	902	8.41	567	0.135	0.574	0.016
GM3-1	6/14/2016	209	11.41	51	0.72	117.0	74.9	727	7.96	508	0.063	0.310	0.356
GM3-3	6/14/2016	309	8.46	102	1.82	228.4	210.8	1381	8.03	868	0.054	3.213	0.250
CM5-11	6/14/2016		12.89		3.06	330.5	375.2				0.008	0.038	0.010
CM5-19	6/14/2016		14.72		3.41	326.1	377.0				0.053	0.011	0.011
CPW-1	6/7/2016		20.00		4.64	353.8	306.5					2.080	0.033
	6/14/2016	389	18.90	159	4.32	347.0	298.0	1880	7.98	1161	0.040	1.923	0.043
	6/21/2016		17.96		4.36	347.7	291.4					1.787	0.036
	6/28/2016	375	17.07	145	4.10	336.6	285.7	1833	8.04	1136	0.044	1.791	0.039
11126P	6/14/2016	284	5.76	57	0.97	159.4	93.0	944	8.47	586	0.113	1.654	0.628
1676P	6/14/2016	481	19.22	179	4.23	385.5	368.4	2184	7.90	1346	0.045	5.140	0.202
1678P	6/14/2016	422	14.40	103	2.64	280.5	231.8	1616	8.25	1022	0.075	4.895	0.243

Mine Unit 5 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
1685P	6/7/2016		21.49		5.66	452.7	416.1					2.434	0.363
	6/14/2016	474	21.80	200	5.67	457.8	421.1	2433	7.96	1540	0.003	2.486	0.366
	6/21/2016		20.95		5.66	459.5	424.3					2.450	0.353
	6/28/2016	470	21.17	208	5.73	458.6	417.8	2439	7.99	1541	0.005	2.426	0.322
1686P	6/14/2016	300	11.30	150	2.04	275.3	287.9	1662	7.87	1046	0.105	1.011	0.142
1689P	6/28/2016	295	16.00	117	1.69	216.9	195.8	1381	8.22	868	0.097	0.837	0.120
1692P	6/28/2016	362	10.31	109	2.16	261.8	217.6	1514	7.99	959	0.075	2.839	0.228
1693P	6/7/2016		12.89		2.78	351.3	336.0					5.237	0.504
	6/14/2016	345	12.53	169	2.73	360.5	341.3	1930	8.07	1191	0.004	5.402	0.505
	6/21/2016		12.30		2.78	364.3	334.0					5.451	0.492
	6/28/2016	340	12.25	169	2.73	353.3	344.4	1965	8.09	1213	0.003	5.375	0.501
1696P	6/28/2016	249	10.48	160	1.70	260.9	291.8	1617	8.31	1023	0.057	0.675	0.069
P1002	6/28/2016	358	16.83	183	4.25	382.4	393.7	2119	8.04	1302	0.003	1.540	0.291
P1060	6/28/2016	282	9.16	151	1.68	261.4	268.7	1572	8.02	1000	0.224	1.018	0.340
P1117	6/28/2016	353	15.91	211	4.31	359.5	402.6	2175	8.35	1339	0.263	1.299	0.135
P1155	6/28/2016	194	6.31		0.78	122.7	87.1	728	8.44	509	0.064	0.393	0.060
P1209	6/14/2016	473	28.66	234	6.64	412.8	418.5	2428	7.93	1538	0.121	7.643	0.207
P1216	6/7/2016		17.43		4.43	411.7	269.4					5.695	1.639
	6/14/2016	538	15.78	136	4.00	399.4	255.7	2029	7.87	1249	0.002	5.486	1.735
	6/21/2016		14.04		3.66	384.0	244.1					5.109	1.716
	6/28/2016	502	13.10	131	3.35	356.8	242.8	1941	7.93	1197	0.003	4.964	1.634
P1239	6/7/2016		9.86		2.42	251.6	200.3					2.361	0.758
	6/14/2016	306	8.69	83	2.18	241.5	180.3	1299	8.42	816	0.047	2.351	0.868

Mine Unit 5 Restoration Data

Well Name	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
	6/21/2016		7.73		2.05	230.2	164.2					2.296	0.895
	6/28/2016	283	7.24	72	1.83	209.3	152.5	1168	8.50	702	0.047	2.203	0.963
P1885	6/14/2016	224	5.58	69	0.67	161.1	143.5	985	8.00	598	0.107	0.617	0.054
P679	6/14/2016	277	8.93	100	1.34	214.6	203.3	1260	7.93	792	0.270	1.251	0.115
P680	6/14/2016	291	4.16	66	0.86	189.8	142.1	1072	8.25	643	0.052	2.698	0.337
P682	6/28/2016	142	5.19	47	0.47	101.5	77.3	631	8.66	403	0.224	0.342	0.187
P683	6/28/2016	180	10.07	63	0.63	107.3	67.8	725	8.45	507	0.053	0.360	0.216
P691	6/28/2016	312	15.33	85	2.95	199.5	161.6	1220	8.36	732	0.049	1.065	0.064
P694	6/7/2016		13.89		3.56	356.3	298.6					1.364	0.168
	6/14/2016	381	14.48	173	3.62	369.2	309.4	1941	7.91	1197	0.033	1.434	0.177
	6/21/2016		14.16		3.70	375.1	314.8					1.515	0.159
	6/28/2016	391	14.40	170	3.70	367.4	317.6	2042	7.95	1257	0.042	1.557	0.187
P751	6/28/2016	374	7.29	80	1.37	231.2	152.7	1331	8.38	834	0.021	7.113	0.361
P789	6/28/2016	305	13.45	193	3.34	327.4	363.7	1973	7.81	1216	0.042	1.241	0.028
P849	6/7/2016		13.90		3.22	352.4	342.5					0.586	0.020
	6/14/2016	303	14.15	184	3.24	360.5	353.5	1949	7.95	1203	0.025	0.630	0.027
	6/21/2016		13.75		3.28	360.8	349.0					0.604	0.007
	6/28/2016	305	13.80	192	3.32	366.6	367.2	1959	7.94	1211	0.026	0.635	0.027
P889	6/28/2016	306	12.48	198	2.65	318.5	346.7	1949	8.18	1203	0.066	3.800	0.107
P908	6/14/2016	306	13.16	191	2.94	323.2	348.9	1886	8.04	1165	0.013	2.411	0.067

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 JUNE 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 P1268, P1336, P1344, P1374, P1377, P1399, P1439, P1457, P1467, and P1701.
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:

P1265, P1273, P1312, P1314, P1315, P1402, P1404, P1426, P1440, P1449, P1461, P1476, P1494, P1568, P1590, and P1611.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

P1265, P1268, P1273, P1312, P1314, P1315, P1336, P1344, P1374, P1377, P1399, P1402, P1404, P1426, P1428, P1439, P1440, P1449, P1457, P1461, P1467, P1476, P1494, P1568, and P1701.

MU6 Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
P1265	6/7/2016			42.21	10.74	570.2	514.9						0.650	0.064
	6/14/2016	598	283	39.85	10.46	564.2	509.2	2937	7.58	1911		0.02	0.652	0.067
P1268	6/7/2016			18.05	4.67	391.6	278.2						4.234	4.661
	6/14/2016	453	162	18.36	3.82	352.3	242.5	1829	7.82	1134		0.07	3.733	4.880
	6/21/2016			11.86	3.10	312.1	202.9						3.561	5.063
	6/28/2016	395	115	10.76	2.80	280.4	187.0	1493	8.02	936		0.01	3.238	5.081
P1273	6/7/2016			63.32	15.78	871.9	723.5						20.660	0.218
	6/14/2016	942	437	63.82	15.50	851.7	727.3	4320	7.40	2880		0.17	20.910	0.218
	6/21/2016			60.08	15.50	856.1	719.3						21.060	0.247
	6/28/2016	940	457	60.51	15.33	876.8	762.1	4500	7.46	2970		0.18	21.090	0.225
P1312	6/7/2016			35.62	8.68	587.4	452.0						13.600	1.167
	6/14/2016	753	303	39.89	9.86	641.5	510.3	3487	7.94	2304		0.15	14.450	1.041
	6/21/2016			37.89	9.68	636.7	491.0						13.720	1.008
	6/28/2016	726	305	36.47	9.46	609.5	492.2	3417	8.04	2272		0.30	13.320	1.132
P1314	6/7/2016			37.87	11.21	704.3	587.0						4.823	1.156
	6/14/2016	790	373	38.27	11.38	718.2	603.3	3676	7.60	2454		0.02	4.798	1.142
	6/21/2016			39.12	12.20	741.5	637.4						4.092	1.087
	6/28/2016	712	377	40.14	12.31	746.1	646.9	3934	7.63	2628		0.02	4.134	1.104
P1315	6/7/2016			48.09	11.63	623.7	576.1						0.866	0.228
	6/14/2016	638	346	47.98	11.22	619.7	578.1	3313	7.58	2196		0.05	0.812	0.226
	6/21/2016			45.20	11.15	616.4	566.8						0.760	0.239
	6/28/2016	628	324	44.21	10.75	602.4	579.6	3304	7.64	2186		0.05	0.802	0.198
P1336	6/7/2016			16.25	4.27	404.9	281.4						5.442	0.953
	6/14/2016	508	151	14.99	3.88	389.4	266.2	2015	7.85	1241		0.04	5.319	0.950
	6/21/2016			15.15	4.00	392.3	265.5						5.768	1.027
	6/28/2016	513	145	15.17	4.07	384.5	265.9	2064	7.86	1270		0.02	6.363	1.038
P1344	6/7/2016			38.56	10.32	613.1	500.7						4.646	0.784

MU6 Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
P1374	6/14/2016	747	317	40.28	11.03	639.4	531.9	3316	7.57	2198		0.00	4.899	0.784
	6/7/2016			20.25	5.59	509.7	381.3						6.238	1.168
	6/14/2016	635	206	19.71	5.39	509.2	377.6	2640	7.85	1698		0.01	6.300	1.251
	6/21/2016			18.46	5.17	483.6	353.9						5.953	1.196
	6/28/2016	615	192	18.45	5.23	497.9	344.0	2572	7.91	1645		0.01	5.634	1.335
P1377	6/7/2016			26.73	6.12	418.9	385.1						2.019	0.284
	6/14/2016	427	206	26.41	6.08	420.1	389.1	2307	7.82	1442		0.01	1.992	0.334
	6/21/2016			25.53	6.08	416.2	379.2						1.895	0.328
	6/28/2016	421	207	26.23	6.27	417.9	389.5	2363	7.81	1492		0.02	1.842	0.379
P1399	6/7/2016			48.92	10.49	586.2	495.4						2.449	0.433
	6/14/2016	641	272	48.52	10.52	571.9	491.0	3102	7.66	2031		0.04	2.414	0.417
	6/28/2016	633	266	45.25	10.22	563.7	507.7	3149	7.69	2069		0.04	2.376	0.451
P1402	6/7/2016			40.14	9.57	651.5	528.1						9.018	0.138
	6/14/2016	773	307	40.28	9.59	660.5	537.4	3520	7.58	2334		0.08	9.081	0.146
	6/21/2016			38.67	9.37	650.4	508.3						8.687	0.131
	6/28/2016	756	293	36.44	8.84	630.6	506.9	3484	7.60	2303		0.08	8.501	0.133
P1404	6/7/2016			60.52	14.92	863.4	746.1						6.976	0.125
	6/14/2016	893	413	58.69	14.68	861.7	758.8	4392	7.58	2916		0.04	6.884	0.130
	6/28/2016	881	401	56.34	14.31	876.7	761.8	4445	7.77	2938		0.03	7.171	0.128
P1426	6/28/2016	391	155	13.17	3.18	338.9	284.3	1948	7.90	1202		0.06	3.796	0.318
P1428	6/14/2016			14.90	3.43	360.0	292.8					0.09	4.562	0.207
P1439	6/7/2016			29.29	8.57	660.7	479.7						6.009	1.239
	6/14/2016	815	270	27.92	8.12	642.7	470.7	3444	7.75	2278		0.00	5.814	1.215
	6/21/2016			26.49	7.82	625.0	448.9						5.485	1.291
	6/28/2016	765	246	25.06	7.55	607.2	436.5	3277	7.83	2167		0.01	5.092	1.347
P1440	6/7/2016			23.43	6.61	468.8	342.5						3.511	1.726

MU6 Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
P1449	6/14/2016	608	208	22.78	6.67	473.1	337.0	2572	7.92	1645		0.00	3.458	1.901
	6/21/2016			22.41	7.21	487.5	335.6						3.320	2.007
	6/28/2016	592	204	22.23	6.46	456.1	336.0	2567	7.87	1641		0.01	3.071	2.172
	6/7/2016			48.29	12.59	851.4	660.2						18.470	0.405
	6/14/2016	1064	385	48.55	12.92	887.7	694.4	4519	7.63	2979		0.02	18.360	0.442
P1457	6/21/2016			47.42	13.17	881.5	683.8						18.520	0.435
	6/28/2016	1044	367	45.32	12.34	840.0	645.9	4525	7.71	2983		0.02	17.900	0.462
	6/7/2016			13.52	4.64	466.0	285.7						1.303	2.363
	6/14/2016	610	166	13.06	4.38	448.6	277.8	2359	8.11	1489		0.01	1.348	2.430
	6/21/2016			12.31	4.37	449.6	279.0						1.285	2.459
P1461	6/28/2016	579	156	11.45	3.97	411.3	253.8	2249	8.16	1397		0.02	1.140	2.597
	6/7/2016			24.00	6.15	470.9	471.9						3.190	0.618
	6/14/2016	431	241	23.89	6.11	475.6	472.6	2489	7.80	1584		0.00	3.229	0.618
	6/21/2016			22.86	6.17	479.6	472.4						3.161	0.622
	6/28/2016	427	248	22.65	5.93	460.9	478.9	2546	7.82	1627		0.01	3.142	0.589
P1467	6/7/2016			27.94	8.82	679.8	531.6						6.991	1.414
	6/14/2016	765	328	26.65	8.81	719.4	558.1	3617	7.80	2412		0.00	7.260	1.403
	6/21/2016			26.01	8.83	706.4	562.3						7.598	1.380
	6/28/2016	760	317	26.45	8.63	669.7	545.4	3701	7.82	2475		0.00	6.848	1.417
	P1476	6/7/2016			25.68	6.36	528.7	444.0						13.830
6/14/2016		593	225	24.37	5.94	504.7	430.0	2599	7.61	1666		0.02	13.180	0.583
6/21/2016				22.90	5.85	498.6	418.2						12.620	0.573
6/28/2016		570	206	21.30	5.37	483.8	425.6	2532	7.70	1617		0.02	12.480	0.580
P1494		6/7/2016			58.59	15.29	863.8	728.4						6.692
	6/14/2016	948	450	56.57	14.79	853.8	722.4	4364	7.39	2901		0.05	6.821	0.424
	6/21/2016			52.79	14.80	848.4	708.0						6.905	0.416
	6/28/2016	910	448	53.97	14.13	812.3	723.6	4416	7.50	2929		0.05	6.839	0.394
	P1568	6/7/2016			15.66	4.03	385.3	351.8						6.003

MUG Restoration Data

Well Name	Date	Alk	Cl	Ca	Mg	Na	SO4	Cond	pH	TDS	As	Fe	U	V
P1701	6/14/2016	392	142	14.72	3.75	375.8	330.0	1845	7.93	1142		0.01	5.850	1.170
	6/28/2016	368	145	13.15	3.40	336.6	304.2	1778	7.95	1108		0.02	4.720	1.192
	6/28/2016			13.15	3.40	336.6	304.2						4.720	1.192
	6/7/2016			13.93	3.53	316.5	203.1						1.665	2.529
	6/14/2016			12.40	3.15	294.9	182.8					0.05	1.602	2.615
	6/21/2016			12.36	3.18	312.3	198.1						1.726	2.542
	6/28/2016	403	114	11.48	2.99	290.6	194.3	1675	8.12	1053		0.06	1.665	2.542