

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

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

August 22, 2018

**USPS PRIORITY MAIL
SIGNATURE CONFIRMATION**

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 2018 Monthly Restoration Report

Dear Ms. Link:

Please find enclosed the July 2018 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.

There was no activity in Mine Unit 3 for the month.

Mine Unit 2 remained in stability monitoring.

If you have any questions regarding this submittal, please feel free to contact me at (308) 665-2215, ext. 117.

Sincerely,
Cameco Resources
Crow Butte Operation

Walter D. Nelson
SHEQ Coordinator

Enclosures: As Stated

cc: Ron Burrows – NRC
CBO - File
ec: CR – Electronic File
Kory Winters – NDEQ Field Office
Amanda Jones – NDEQ Program Coordinator

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2018

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 wells were sampled during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2018

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):			No activity for the

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:

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CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2018

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		IX and RO I534P, I542P, I544P, I548P, I550P, I551P.
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-10, I546P.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-10, I534P, I542P, I544P, I546P, I548P, I550P, I551P.

Mine Unit 4 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-10													
	7/11/2018	345	11.01	116	2.79	296	189	1446	7.9	897	0.01	1.82	0.215
I534P													
	7/23/2018	451	13.96	162	3.90	382	239	1794	7.78	1112	0.01	2.12	0.322
	7/11/2018	452	14.83	170	4.12	392	251	1964	7.85	1218	0.01	2.19	0.306
I542P													
	7/23/2018	499	24.92	123	6.72	373	264	1816	7.53	1126	0.01	2.49	0.192
	7/11/2018	550	31.16	135	8.30	441	316	2185	7.57	1355	0.01	3.13	0.185
I544P													
	7/23/2018	529	31.86	151	8.73	418	315	2034	7.52	1261	0.01	2.73	0.269
	7/11/2018	516	30.41	143	8.33	425	312	2113	7.63	1310	0.01	2.62	0.198
I546P													
	7/23/2018	522	30.64	142	8.07	401	297	1964	7.44	1218	0.03	1.25	0.073
	7/11/2018	498	29.38	130	7.81	401	292	1971	7.5	1222	0.02	1.47	0.073
I548P													
	7/23/2018	894	64.92	293	17.61	817	706	3713	7.25	2302	0.03	2.38	0.197
I550P													
	7/11/2018	395	19.27	144	5.50	375	301	1887	7.36	1170	0.05	1.58	0.178
I551P													
	7/11/2018	460	22.91	119	5.40	374	267	1876	7.6	1163	0.01	2.60	0.41

CROW BUTTE MINE

MONTHLY RESTORATION REPORT

July 2018

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		IX and RO I692P, P701, P751, P789, I792P, P1003, P1156, P1216
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:

I676P, I685P, I686P, P691, I698P, P1155.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-14, BL-16, BL5-1, BL5-2, BL5-3, BL5-4, BL5-5, CM2-9, CM2-10, CM3-1, CM3-2, CM3-3, CM5-11, CM5-19, CPW-1, I675P, I676P, I678P, P679, P680, P682, P683, I685P, I686P, I687P, I688P, I689P, P690, P691, I692P, I693P, P694, P695, I696P, I698P, P699, P700, P701, P751, P789, I792P, P810, P837, P889, P908, P1003, P1039, P1050, P1060, P1075, P1117, I1126P, P1137, P1155, P1156, P1209, P1216, P1239, P1885, .

Mine Unit 5 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-14	7/23/2018	212	3.66	43	0.48	168	105	792	8.49	491	0.01	0.05	-0.015
BL-16	7/23/2018	333	6.25	65	1.19	237	133	1140	8.09	707	0.03	0.46	-0.029
BL5-1	7/23/2018	227	3.78	47	0.64	169	90	789	8.46	489	0.02	0.22	-0.015
BL5-2	7/23/2018	323	9.01	106	2.09	279	188	1358	8.19	842	0.04	0.41	-0.016
BL5-3	7/23/2018	281	10.06	105	2.35	269	202	1333	8.03	826	0.04	0.05	-0.007
BL5-4	7/23/2018	374	11.89	130	2.98	328	230	1606	8.07	996	0.05	0.14	-0.036
BL5-5	7/23/2018	279	7.81	100	1.69	256	182	1261	8.25	782	0.05	0.12	-0.008
CM2-10	7/23/2018	265	24.81	119	1.40	213	124	1140	8.27	707	0.03	2.45	0.087
CM2-9	7/23/2018	236	3.00	32	0.47	148	62	701	8.5	435	0.11	0.37	-0.013
CM3-1	7/23/2018	234	3.70	39	0.53	161	86	769	8.39	477	0.04	0.18	0.062
CM3-2	7/23/2018	173	3.87	34	0.36	131	82	638	8.46	396	0.14	0.03	-0.042
CM3-3	7/23/2018	298	7.78	91	1.74	259	182	1258	7.76	780	0.19	3.16	0.25
CM5-11	7/23/2018	307	14.59	183	3.70	395	359	1930	8.47	1197	0.02	0.04	-0.02
CM5-19	7/23/2018	302	15.03	173	3.79	368	334	1819	8.29	1128	0.05	0.04	-0.033
CPW-1	7/23/2018	311	6.02	77	1.37	244	146	1163	8.31	721	0.02	1.09	-0.028
I1126P	7/23/2018	315	7.98	73	1.25	238	143	1143	8.49	709	0.08	1.48	0.189
I675P	7/23/2018	260	5.03	76	0.82	224	152	1098	7.71	681	0.15	0.26	0.191
I676P	7/23/2018	391	12.35	134	3.04	357	264	1681	7.79	1042	0.01	3.87	0.351
I678P	7/23/2018	398	12.64	109	2.61	328	225	1567	8.22	972	0.05	3.60	0.181

Mine Unit 5 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
I685P													
	7/23/2018	389	14.51	157	3.97	387	303	1871	8.04	1160	0.02	1.42	0.226
	7/11/2018	402	16.43	172	4.50	416	328	2039	8.08	1264	0.01	1.44	0.241
I686P													
	7/23/2018	318	15.07	186	3.40	392	338	1955	7.75	1212	0.06	2.54	0.133
	7/11/2018	313	13.80	181	3.39	394	340	1999	7.79	1239	0.02	2.29	0.196
I687P													
	7/23/2018	254	6.00	71	1.16	209	124	1018	8.33	631	0.02	3.36	0.448
I688P													
	7/23/2018	316	15.09	200	3.13	398	343	1975	7.64	1225	0.11	3.50	0.058
I689P													
	7/23/2018	332	18.50	187	3.51	410	362	2010	7.71	1246	0.06	3.71	0.124
I692P													
	7/23/2018	594	24.39	180	6.54	513	363	2347	7.74	1455	0.05	10.93	0.412
I693P													
	7/23/2018	208	2.87	38	0.32	143	65	676	8.33	419	0.12	1.26	0.201
I696P													
	7/23/2018	295	10.91	169	2.41	373	337	1824	8.1	1131	0.08	1.08	0.082
I698P													
	7/23/2018	341	12.50	149	2.97	362	294	1754	8.16	1087	0.01	1.03	0.702
	7/11/2018	345	12.18	146	2.87	361	284	1815	8.17	1125	0.01	1.08	0.736
I792P													
	7/11/2018	288	10.14	144	2.48	329	273	1693	7.91	1050	0.01	1.97	0.334
	7/23/2018	260	7.20	112	1.70	267	206	1323	7.97	820	0.02	1.75	0.375
P1003													
	7/11/2018	301	15.18	183	3.58	393	348	2020	7.99	1252	0.03	2.89	0.236
	7/23/2018	296	14.72	187	3.68	391	356	1883	7.97	1167	0.03	2.79	0.23
P1039													
	7/23/2018	220	3.20	47	0.48	153	70	737	8.81	457	0.05	0.45	3.954
P1050													
	7/23/2018	289	12.18	178	2.80	370	331	1813	8	1124	0.12	0.95	0.295
P1060													
	7/23/2018	355	7.35	112	1.63	319	228	1536	8.27	952	0.04	1.45	0.575
P1075													
	7/23/2018	278	10.84	150	2.45	329	288	1660	7.77	1029	0.07	2.18	0.029
P1117													
	7/23/2018	323	14.54	171	3.93	380	331	1844	7.89	1143	0.05	1.20	0.086

Mine Unit 5 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P1137	7/23/2018	326	8.64	101	1.75	291	201	1395	8.34	865	0.05	1.73	0.333
P1155	7/23/2018	405	20.18	192	5.07	435	367	2056	7.94	1275	0.02	4.66	0.154
P1156	7/23/2018	362	9.04	106	2.21	305	205	1468	8	910	0.03	2.04	0.121
	7/11/2018	394	11.18	120	2.75	339	219	1700	8.05	1054	0.01	2.41	0.102
P1209	7/23/2018	156	2.12	29	0.25	102	41	482	8.25	299	0.03	0.14	0.348
P1216	7/23/2018	480	8.52	94	2.12	348	188	1568	8.17	972	0.03	3.06	1.221
P1239	7/23/2018	308	11.67	130	2.88	309	245	1506	8.46	934	0.01	3.17	0.242
P1885	7/23/2018	252	6.36	117	1.19	272	219	1351	7.82	838	0.11	0.72	0.039
P679	7/23/2018	325	5.71	66	1.03	241	138	1151	8.02	714	0.13	1.39	0.276
P680	7/23/2018	307	5.28	79	1.03	251	156	1202	8.11	745	0.06	2.39	0.191
P682	7/23/2018	350	12.05	126	2.29	329	245	1639	7.98	1016	0.15	2.23	0.011
P683	7/23/2018	282	6.15	76	1.27	236	156	1126	8.06	698	0.03	1.04	0.096
P690	7/23/2018	117	2.82	26	0.17	81	33	387	8.2	240	0.36	0.08	0.11
P691	7/23/2018	346	17.20	133	4.23	319	238	1556	7.96	965	0.02	2.16	0.539
P694	7/23/2018	417	12.49	128	3.00	363	250	1686	8.01	1045	0.05	2.87	0.049
P695	7/23/2018	381	6.43	77	1.33	274	140	1268	8.24	786	0.04	2.27	0.185
P699	7/23/2018	277	5.05	83	1.25	243	158	1148	8.29	712	0.01	0.49	1.547
P700	7/23/2018	228	5.03	71	0.95	182	105	891	8.56	552	0.01	0.49	0.54

Mine Unit 5 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P701													
	7/23/2018	304	13.92	178	3.40	389	350	1864	8.03	1156	0.01	0.30	1.941
	7/11/2018	305	14.07	181	3.39	390	340	1993	8.11	1236	0.01	0.29	1.896
P751													
	7/23/2018	413	8.81	98	2.11	321	199	1486	8	921	0.01	5.86	0.566
P789													
	7/23/2018	313	13.97	182	3.51	383	332	1920	7.83	1190	0.02	0.99	0.083
	7/11/2018	315	13.41	167	3.30	382	326	1925	7.87	1194	0.01	1.06	0.027
P810													
	7/23/2018	347	12.89	173	3.14	392	321	1882	8.24	1167	0.06	2.09	-0.012
P837													
	7/23/2018	336	10.99	100	2.61	289	202	1388	8.09	861	0.02	0.84	0.011
P889													
	7/23/2018	310	15.40	181	3.40	391	341	1895	7.92	1175	0.05	4.44	0.094
P908													
	7/23/2018	306	15.36	195	3.64	385	329	1879	8.06	1165	0.02	1.36	0.023

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2018

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		IX and RO P1265, I1267P, I1270P, I1272P, I1285P, P1314, P1315, P1318, P1337, P1355, I1356P, P1396, P1402, P1428, P1494, P1582, P1585, P1611, P1612, P1628, P1676, P1690, P1765, P1800.
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, P1399, P1461.

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

CM5-14, CM5-15, CM5-16, CM5-17, CM6-6, CM6-7, P1265, I1266P, I1267P, P1268, P1269, I1270P, I1272P, P1273, I1274P, I1285P, P1314, P1315, P1318, P1337, P1348, P1355, I1356P, I1357P, P1358, P1376, P1396, I1397P, I1398P, P1399, P1402, I1423P, P1426, P1428, P1439, P1446, P1457, P1461, P1494, P1532, I1581P, P1582, P1584, P1585, I1600P, I1601P, I1602P, P1611, P1612, P1624, P1625, P1663, I1667P, P1689, P1690, P1703, P1706, P1751, P1765, P1800, P1832, and P1843.

Mine Unit 6 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM5-14	7/11/2018	360	26.97	231	5.82	465	423	2362	7.93	1464	0.03	0.06	-0.049
CM5-15	7/11/2018	229	14.24	68	2.08	183	116	930	8.2	577	0.02	0.81	0.067
CM5-16	7/11/2018	550	24.25	160	5.88	455	284	2145	7.74	1330	0.05	2.95	1.06
CM5-17	7/11/2018	489	31.88	286	9.32	606	552	2922	7.91	1812	0.16	0.03	-0.051
CM6-6	7/11/2018	303	15.64	184	3.72	394	362	1932	8.37	1198	0.02	0.05	-0.068
CM6-7	7/11/2018	287	19.28	196	4.30	405	394	1996	8.38	1238	0.02	0.02	-0.023
I1266P	7/11/2018	199	2.58	47	0.25	144	65	701	8.96	435	0.04	0.78	1.242
I1267P	7/23/2018	425	21.07	207	5.68	451	371	2160	7.96	1339	0.01	1.52	0.352
I1267P	7/11/2018	426	20.65	201	5.53	457	362	2319	8.05	1438	0.07	1.62	0.329
I1270P	7/11/2018	531	55.21	175	15.02	395	304	2164	7.62	1342	0.43	0.42	0.354
I1270P	7/23/2018	523	49.70	183	13.60	401	306	2090	7.8	1296	0.05	0.50	1.114
I1272P	7/23/2018	557	39.31	261	10.36	567	476	2732	7.8	1694	0.03	2.73	0.086
I1272P	7/11/2018	550	39.20	275	10.42	570	466	2845	7.6	1764	0.02	2.75	0.016
I1274P	7/11/2018	313	7.34	97	1.34	271	171	1265	8.1	784	0.08	0.66	0.208
I1285P	7/11/2018	669	17.13	205	4.75	559	337	2586	7.94	1603	0.02	7.75	1.176
I1285P	7/23/2018	462	10.90	137	3.03	391	249	1792	8.09	1111	0.01	3.55	0.745
I1356P	7/11/2018	450	18.97	159	4.72	401	257	1855	7.76	1150	0.09	8.05	0.246
I1356P	7/23/2018	359	13.96	134	3.68	314	210	1531	7.63	949	0.04	5.19	0.207
I1357P	7/11/2018	218	14.06	60	1.88	191	158	992	7.52	615	0.09	0.05	-0.013
I1397P	7/11/2018	226	9.36	59	0.76	163	77	797	8.24	494	0.11	0.57	0.458
I1398P	7/11/2018	227	3.80	51	0.58	164	77	781	8.78	484	0.04	0.66	0.864

Mine Unit 6 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
I1423P													
	7/11/2018	216	6.34	80	1.16	207	144	1026	8.13	636	0.03	1.16	0.371
I1581P													
	7/11/2018	253	7.45	105	1.02	245	173	1199	8.48	743	0.02	1.25	0.923
I1600P													
	7/11/2018	653	31.94	211	5.30	561	372	2611	7.79	1619	0.02	25.97	0.035
I1601P													
	7/11/2018	359	68.69	59	16.89	135	84	1023	7.85	634	0.18	0.67	1.619
I1602P													
	7/11/2018	132	2.13	38	0.18	102	52	507	8.68	314	0.19	0.16	0.908
I1667P													
	7/11/2018	206	9.45	72	1.81	169	100	848	8.47	526	0.02	0.44	0.143
P1265													
	7/23/2018	447	23.94	191	6.41	436	349	2135	7.94	1324	0.02	0.59	0.01
	7/11/2018	454	23.97	180	6.48	451	349	2318	8.03	1437	0.02	0.60	0.014
P1268													
	7/11/2018	476	23.07	219	5.30	480	360	2343	8.14	1453	0.06	2.97	0.69
P1269													
	7/11/2018	320	8.09	125	2.15	309	215	1593	8.15	988	0.02	1.19	0.47
P1273													
	7/11/2018	296	5.59	95	1.31	262	168	1244	7.76	771	0.10	1.14	0.1
P1314													
	7/11/2018	560	16.90	166	4.79	456	277	2289	8.14	1419	0.02	4.02	1.418
	7/23/2018	564	16.94	165	4.81	454	281	2101	8.07	1303	0.02	3.94	1.427
P1315													
	7/11/2018	483	27.08	224	7.18	503	402	2647	7.94	1641	0.03	0.62	0.182
	7/23/2018	483	26.68	218	7.14	500	417	2397	7.89	1486	0.04	0.61	0.179
P1318													
	7/11/2018	441	7.76	99	2.10	331	171	1616	8.19	1002	0.01	1.73	2.42
P1337													
	7/23/2018	357	7.28	71	1.62	253	132	1173	8.32	727	0.02	1.79	0.644
P1348													
	7/11/2018	475	12.47	152	3.18	421	271	1912	7.85	1185	0.05	2.85	0.327
P1355													
	7/11/2018	348	8.65	110	2.26	293	181	1436	7.93	890	0.04	1.85	0.48
P1358													
	7/11/2018	291	13.08	166	3.29	351	298	1733	8.14	1074	0.09	0.75	0.218

Mine Unit 6 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P1376	7/11/2018	148	2.17	41	0.20	112	58	565	8.26	350	0.09	0.08	0.5
P1396	7/11/2018	313	16.40	183	4.26	396	348	2115	8.15	1311	0.03	0.14	0.037
P1399	7/11/2018	365	16.31	140	3.67	339	244	1734	7.88	1075	0.03	0.97	0.227
P1402	7/23/2018	374	11.76	119	2.89	317	209	1498	7.89	929	0.05	1.69	0.384
	7/11/2018	376	11.77	114	2.88	318	206	1647	7.91	1021	0.06	1.72	0.379
P1426	7/11/2018	244	8.16	99	1.75	231	163	1173	8.03	727	0.03	0.87	0.133
P1428	7/11/2018	301	15.51	180	3.63	371	321	1960	8.08	1215	0.01	1.58	0.14
	7/23/2018	304	15.32	171	3.61	369	325	1776	8	1101	0.02	1.60	0.13
P1439	7/11/2018	515	9.99	111	2.23	387	205	1777	8.32	1102	0.05	2.69	0.588
P1446	7/11/2018	285	23.64	195	4.33	391	375	1975	7.78	1225	0.03	0.02	-0.015
P1457	7/11/2018	312	4.14	52	0.88	195	64	912	8.89	565	0.12	2.15	2.661
P1461	7/23/2018	397	18.89	201	5.03	445	382	2162	8.06	1340	0.02	1.75	0.514
P1494	7/23/2018	434	16.07	181	4.11	422	311	1967	7.9	1220	0.08	2.78	0.202
	7/11/2018	447	16.49	179	4.26	426	304	2093	7.67	1298	0.06	3.04	0.195
P1532	7/11/2018	307	5.68	105	1.33	275	176	1294	7.74	802	0.01	0.14	-0.036
P1582	7/11/2018	373	11.83	170	3.22	390	298	1902	8.13	1179	0.01	1.21	0.498
	7/23/2018	374	11.72	162	3.22	388	304	1869	8.01	1159	0.01	1.16	0.437
P1584	7/11/2018	324	3.98	67	0.87	229	103	1047	8.63	649	0.01	1.72	0.844
P1585	7/11/2018	452	7.99	127	2.50	368	212	1726	8.2	1070	0.01	2.34	1.108
P1611	7/11/2018	334	15.03	188	4.04	420	368	2228	8.1	1381	0.08	2.58	0.318

Mine Unit 6 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P1612													
	7/11/2018	385	5.61	16	1.33	289	148	1338	8.35	830	0.01	3.00	1.534
	7/23/2018	363	5.75	82	1.36	267	146	1269	8.28	787	0.02	2.30	1.409
P1624													
	7/11/2018	295	3.87	57	0.80	204	99	979	8.56	607	0.02	1.09	1.034
P1625													
	7/11/2018	411	7.73	69	1.31	283	130	1282	8.22	795	0.02	2.69	0.675
P1663													
	7/11/2018	349	6.77	109	2.02	305	196	1452	8.42	900	0.01	1.09	0.175
P1689													
	7/11/2018	268	24.45	295	3.04	421	329	2109	7.77	1308	0.04	0.97	0.133
P1690													
	7/11/2018	446	17.71	153	4.84	399	266	1910	7.93	1184	0.02	2.40	0.111
	7/23/2018	447	17.16	154	4.66	384	263	1859	7.86	1153	0.02	2.16	0.133
P1703													
	7/11/2018	176	14.56	71	2.52	151	111	832	7.99	516	0.20	0.23	0.16
P1706													
	7/11/2018	455	11.75	107	2.55	354	189	1637	8.34	1015	0.04	3.26	0.364
P1751													
	7/11/2018	205	4.25	58	0.63	162	90	785	8.15	487	0.11	0.57	0.247
P1765													
	7/11/2018	468	12.81	134	2.87	391	241	1801	8.07	1117	0.43	3.66	0.357
	7/23/2018	408	9.03	114	2.27	344	217	1617	8.1	1003	0.26	2.20	0.639
P1800													
	7/23/2018	441	16.95	164	4.38	395	276	1930	7.74	1197	0.01	2.07	0.364
	7/11/2018	450	18.09	170	4.66	412	279	2001	7.75	1241	0.01	2.23	0.35
P1832													
	7/11/2018	486	24.90	147	3.45	358	190	1699	7.77	1053	0.17	1.36	0.191
P1843													
	7/11/2018	226	11.21	14	0.88	182	97	920	8.21	570	0.09	0.68	2.248