

**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 4, 2021

USPS PRIORITY MAIL
SIGNATURE CONFIRMATION

Sue Dempsey, Drinking Water and Groundwater Division Administrator
Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

Class III UIC Permit NE0122611
July 2021 Monthly Restoration Report

Dear Ms. Dempsey:

Please find enclosed the June 2021 Monthly Restoration Reports for Mine Units 2, 3, 4, 5, 6, 7 and 8. The reverse osmosis (RO) units continue to inject permeate and reductant into Mine Units 2, 4, 6, 7, and 8.

Mine Unit 3 and 5 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 – NDEE Field Office
Amanda Jones – NDEE Program Coordinator

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

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):			

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 in-house samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

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 in-house samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

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		BL-8, CM1-7, I536P, I538P, I544P, I548P, I549P, I550P, I551P, I552P
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:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-8, CM1-7, I536P, I538P, I544P, I548P, I549P, I550P, I551P, I552P.

Mine Unit 4 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-8	7/14/2021	281	7.37	61	2.03	203	101	964	7.77	598	0.00	0.52	0.22
CM1-7	7/14/2021	263	6.22	64	1.74	212	134	990	7.37	614	0.02	0.68	0.06
I536P	7/14/2021	398	21.07	120	5.74	337	241	1623	7.87	1006	0.00	1.78	0.09
I538P	7/14/2021	365	16.33	130	4.18	321	241	1556	7.9	965	0.00	0.51	0.13
I544P	7/14/2021	337	11.92	83	3.31	261	182	1262	7.59	782	0.00	0.89	0.16
I548P	7/14/2021	408	16.86	107	4.76	330	246	1589	7.44	985	0.01	0.61	0.15
I549P	7/14/2021	732	54.10	255	15.35	698	682	3389	7.06	2101	0.06	4.26	0.15
I550P	7/14/2021	491	24.77	137	6.61	415	331	2028	7.37	1257	0.01	1.63	0.28
I551P	7/14/2021	292	9.92	69	2.32	227	156	1097	7.47	680	0.01	0.65	0.23
I552P	7/14/2021	279	5.44	59	1.25	208	123	985	7.58	611	0.02	0.63	0.53

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

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	
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 in-house samples were collected during the month.

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 July 2021
 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		P1337, P1625, P1628
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:

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, P1318, P1337, P1348, P1355, I1356P, I1357P, P1358, P1376, P1396, I1397P, I1398P, P1399, I1423P, P1426, P1439, P1446, P1457, P1494, P1532, I1581P, P1584, P1590, I1600P, P1611, P1612, P1624, P1625, P1628, P1663, P1689, P1690, P1703, P1706, P1751, P1765, P1800, P1832, P1843.

Mine Unit 6		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM5-14	7/14/2021	339	24.58	226	5.15	438	431	2148	8.14	1332	0.02	-0.01	-0.01
CM5-15	7/14/2021	346	11.85	71	2.18	261	165	1202	8.21	745	0.02	1.27	0.04
CM5-16	7/14/2021	383	12.14	102	2.69	297	200	1401	8.2	869	0.04	1.21	0.59
CM5-17	7/14/2021	437	29.50	165	5.60	434	371	2047	8.14	1269	0.08	0.13	-0.01
CM6-6	7/14/2021	295	15.91	195	3.97	389	388	1888	8.25	1171	0.02	-0.02	-0.02
CM6-7	7/14/2021	278	19.70	188	4.40	389	404	1922	8.18	1192	0.02	-0.02	-0.02
I1266P	7/14/2021	207	4.45	57	0.82	160	83	749	8.8	464	0.01	0.39	0.32
I1267P	7/14/2021	261	5.74	81	1.43	230	143	1054	8.43	653	0.04	1.35	0.11
I1270P	7/14/2021	324	10.69	93	2.40	257	157	1223	8.48	758	0.01	0.60	1.19
I1272P	7/14/2021	424	17.32	135	4.29	382	284	1738	7.98	1078	0.02	0.42	0.00
I1274P	7/14/2021	440	12.11	158	3.16	419	305	1870	7.88	1159	0.02	1.04	0.18
I1285P	7/14/2021	377	5.31	71	1.21	277	157	1245	8.48	772	0.01	2.14	0.47
I1356P	7/14/2021	186	3.46	51	0.56	148	82	658	8.45	408	0.03	0.53	0.08
I1357P	7/14/2021	325	25.44	162	5.38	353	335	1756	7.58	1089	0.01	0.58	0.04
I1397P	7/14/2021	299	8.71	98	1.52	269	184	1245	8.2	772	0.01	1.55	0.23
I1398P	7/14/2021	306	10.03	85	2.22	248	163	1151	8.41	714	0.01	0.50	0.24
I1423P	7/14/2021	270	7.05	101	1.55	258	194	1231	8.33	763	0.03	1.21	0.62
I1581P	7/14/2021	305	13.32	191	3.67	397	361	1864	8.39	1156	0.00	0.73	0.18
I1600P	7/14/2021	321	6.85	125	1.37	298	189	1357	8.57	841	0.03	2.91	0.37

Mine Unit 6		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
I1601P	7/14/2021	414	7.11	105	1.80	323	188	1469	8.59	911	0.03	2.22	1.79
I1602P	7/14/2021	201	5.80	69	1.34	172	106	800	8.27	496	0.02	0.05	0.12
I1667P	7/14/2021	348	33.55	166	7.04	327	268	1648	8.07	1022	0.04	0.20	0.02
P1265	7/14/2021	328	13.35	107	3.56	345	328	1360	8.33	843	0.01	-0.03	0.00
P1268	7/14/2021	319	9.21	87	2.43	293	208	1200	8.43	744	0.01	0.49	0.02
P1269	7/14/2021	223	3.92	57	0.74	184	128	845	8.27	524	0.01	0.28	0.11
P1273	7/14/2021	435	11.50	131	2.98	384	281	1740	7.92	1079	0.06	3.58	0.05
P1318	7/14/2021	300	5.51	89	1.44	259	170	1193	8.43	740	0.01	0.54	1.11
P1337	7/14/2021	414	9.33	96	2.50	316	184	1468	8.11	910	0.00	1.78	0.55
P1348	7/14/2021	237	4.67	88	1.02	220	141	1002	8.1	621	0.05	0.38	0.15
P1355	7/14/2021	432	13.30	128	3.44	372	245	1666	8.18	1033	0.01	2.94	0.35
P1358	7/14/2021	214	15.18	45	1.59	261	156	696	8.43	432	0.05	1.00	1.68
P1376	7/14/2021	142	1.81	43	0.29	115	55	515	8.36	319	0.06	0.12	0.13
P1396	7/14/2021	279	4.11	159	1.33	154	68	1697	8.23	1052	1.78	0.68	1.47
P1399	7/14/2021	441	29.26	235	7.08	481	425	2340	7.88	1451	0.01	1.70	0.11
P1426	7/14/2021	339	22.68	163	3.65	378	329	1811	8.05	1123	0.09	1.80	0.00
P1439	7/14/2021	528	9.67	113	2.53	389	227	1759	8.27	1091	0.02	1.87	0.92
P1446	7/14/2021	283	22.38	200	4.69	394	404	1946	8.17	1207	0.02	0.00	-0.01
P1457	7/14/2021	414	5.83	115	1.82	341	207	1550	8.56	961	0.05	0.70	1.68

Mine Unit 6		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P1494	7/14/2021	285	4.81	61	1.10	217	116	962	8.27	596	0.03	0.69	0.45
P1532	7/14/2021	363	15.41	190	3.73	423	369	1964	7.85	1218	0.00	0.18	-0.01
P1584	7/14/2021	287	6.58	81	1.19	237	140	1075	8.6	667	0.03	0.95	0.36
P1590	7/14/2021	268	19.89	86	3.08	207	142	1038	7.94	644	0.27	4.46	0.17
P1611	7/14/2021	320	15.06	181	3.95	393	363	1893	8.16	1174	0.07	2.60	0.50
P1612	7/14/2021	295	7.24	85	1.60	248	158	1138	8.53	706	0.01	0.65	0.58
P1624	7/14/2021	206	5.35	50	1.05	153	83	693	8.59	430	0.01	0.55	0.10
P1625	7/14/2021	596	31.31	240	8.32	570	446	2630	8.14	1631	0.00	12.24	0.48
P1628	7/14/2021	299	7.88	128	2.43	306	234	1451	8.39	900	0.00	0.57	0.51
P1663	7/14/2021	323	3.72	63	1.10	232	118	1040	8.57	645	0.01	1.49	0.47
P1689	7/14/2021	305	18.86	221	4.52	396	363	1987	8.19	1232	0.03	0.68	-0.01
P1690	7/14/2021	334	16.14	167	4.24	353	299	1700	8.26	1054	0.01	1.20	0.04
P1703	7/14/2021	229	12.26	68	2.31	189	131	927	8.1	575	0.07	0.68	0.04
P1706	7/14/2021	292	4.73	51	0.70	207	106	927	8.72	575	0.02	1.11	1.79
P1751	7/14/2021	118	4.88	36	0.50	90	28	397	8.08	246	0.54	0.00	0.13
P1765	7/14/2021	409	7.18	91	1.84	317	180	1393	8.37	864	0.18	1.42	0.48
P1800	7/14/2021	284	8.01	89	1.49	253	174	1150	8.36	713	0.00	1.19	0.20
P1832	7/14/2021	413	10.82	98	2.97	322	193	1450	8.29	899	0.01	2.10	0.43
P1843	7/14/2021	439	9.47	166	2.96	411	303	1902	8.38	1179	0.01	2.78	1.92

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

MINE UNIT 7

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 BL-17, CM4-14, CM4-15, CM4-16, CM4-17, CM4-18, I1971P, P1972, I1973P, I1975P, I1978P, P1986, P2014, P2038, P2040, P2103, I2183P, I2185P, P2188, P2216, P2226, P2264, P2316, P2359, P2384, P2401, I2429P, P2470, P2476, I2502P, P2505, P2510, P2523, P2538, P2601, P2610, P2660, P5220, P5230, P5250, P5283.
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:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

BL-17, CM4-13, CM4-14, CM4-15, CM4-16, CM4-18, I1971P, P1972, I1973P, I1975P, I1978P, P1986, P2014, P2038, P2040, I2183P, I2185P, P2188, P2216, P2226, P2264, P2316, P2359, P2384, P2401, I2429P, P2470, P2476, P2481, I2502P, P2505, P2510, P2523, P2538, P2601, P2610, P2660, P5230, P5250, P5283.

Mine Unit 7		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-17	7/14/2021	488	14.36	114	3.69	375	212	1685	8	1045	0.00	0.54	1.37
CM4-13	7/14/2021	394	18.96	78	4.53	280	184	1367	7.58	848	0.01	0.45	0.25
CM4-14	7/14/2021	1012	84.71	314	25.68	905	876	4376	7.2	2713	0.00	2.44	0.35
CM4-15	7/14/2021	809	59.17	234	17.29	707	634	3381	7.26	2096	0.00	1.60	0.51
CM4-16	7/14/2021	888	65.88	277	20.33	803	751	3768	7.33	2336	0.00	1.17	0.23
CM4-18	7/14/2021	462	25.84	138	7.20	374	275	1800	7.64	1116	0.01	0.37	0.38
I1971P	7/14/2021	827	56.57	196	15.55	666	605	3250	7.34	2015	0.01	1.59	0.19
I1973P	7/14/2021	793	47.74	197	11.42	630	541	3042	7.47	1886	0.00	4.65	0.55
I1975P	7/14/2021	855	58.24	246	17.78	704	640	3475	7.45	2155	0.01	4.51	0.25
I1978P	7/14/2021	475	31.09	106	7.00	352	288	1766	7.54	1095	0.01	1.49	0.35
I2183P	7/14/2021	624	56.55	178	11.71	522	469	2591	7.38	1606	0.02	6.02	0.81
I2185P	7/14/2021	1044	70.50	287	21.95	918	880	4317	7.35	2677	0.01	5.25	2.17
I2429P	7/14/2021	463	21.96	127	6.13	369	300	1848	7.64	1146	0.00	3.11	0.40
I2502P	7/14/2021	319	20.25	195	5.33	377	361	1983	8.02	1229	0.01	0.51	0.08
P1972	7/14/2021	558	31.33	140	8.55	465	401	2264	7.29	1404	0.03	2.75	0.42
P1986	7/14/2021	523	27.39	186	8.21	487	406	2349	7.69	1456	0.00	1.18	0.50
P2014	7/14/2021	237	9.20	54	1.98	174	123	877	7.27	544	0.08	0.09	0.13
P2038	7/14/2021	628	40.74	261	11.35	520	472	2589	7.36	1605	0.01	1.87	0.12
P2040	7/14/2021	856	69.61	265	22.29	760	724	3693	7.32	2290	0.00	2.91	0.14

Mine Unit 7 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P2188	7/14/2021	298	10.01	68	2.28	230	155	1096	7.41	680	0.01	0.57	0.77
P2216	7/14/2021	480	37.27	224	8.27	496	449	2470	7.68	1531	0.01	3.29	0.58
P2226	7/14/2021	455	11.15	93	3.11	339	216	1569	7.76	973	0.01	1.63	0.55
P2264	7/14/2021	255	11.97	108	3.07	258	218	1278	7.51	792	0.01	0.30	0.24
P2316	7/14/2021	857	71.64	228	19.26	704	663	3456	7.39	2143	0.00	5.72	0.63
P2359	7/14/2021	428	18.38	83	4.74	313	236	1517	7.48	941	0.02	2.00	0.26
P2384	7/14/2021	619	50.29	171	13.40	524	487	2600	7.34	1612	0.01	2.19	0.46
P2401	7/14/2021	434	30.99	105	7.51	329	303	1700	7.64	1054	0.01	0.57	0.30
P2470	7/14/2021	385	24.06	140	4.98	350	273	1710	7.9	1060	0.01	1.11	0.22
P2476	7/14/2021	507	28.50	137	8.35	423	344	2071	7.67	1284	0.02	1.15	0.57
P2481	7/14/2021	666	24.53	148	7.31	530	383	2429	7.65	1506	0.00	1.57	1.50
P2505	7/14/2021	319	18.46	141	3.89	328	271	1632	7.91	1012	0.00	0.29	0.52
P2510	7/14/2021	334	13.43	116	3.11	302	229	1469	8.19	911	0.00	0.88	0.70
P2523	7/14/2021	388	15.34	86	3.61	289	201	1390	7.67	862	0.00	1.10	0.53
P2538	7/14/2021	381	23.02	140	6.13	360	325	1754	7.52	1087	0.02	0.53	1.04
P2601	7/14/2021	424	25.42	188	6.73	429	364	2041	7.67	1265	0.04	0.35	0.58
P2610	7/14/2021	654	28.87	161	8.88	507	378	2404	7.64	1490	0.00	1.90	1.20
P2660	7/14/2021	421	19.31	89	4.47	326	224	1523	7.65	944	0.02	1.19	0.46
P5230	7/14/2021	847	60.33	211	16.09	711	627	3292	7.43	2041	0.08	3.86	0.51

Mine Unit 7 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P5250													
	7/14/2021	526	29.71	148	8.46	446	355	2088	7.56	1295	0.00	0.84	1.16
P5283													
	7/14/2021	735	42.00	179	12.57	588	529	2871	7.63	1780	0.01	2.29	1.29

CROW BUTTE MINE
MONTHLY RESTORATION REPORT

July 2021

MINE UNIT 8

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		CM6-11, CM6-20, CM6-21, I2671P, P2689, I2692P, P2701, P2702, P2715, P2724, P2734, P2740, P2758, P2764, P2765, P2770, P2774, P2808, P2844, P2855, P2863, P2880, P2904, P2908, P2926, P2952, P3158, P3168, P3173, P3174, P3182, P3189, P3192, P3198, P3210, P6101, P6102, P6103, P6104, P6105, P6107, P6109, P6110, P6111, P6112, P6127, P6140.
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:

4. LIST WELLS SAMPLED DURING MONTH AND ASSAY RESULTS:

CM6-20, CM6-21, CM6-22, CM6-23, I2671P, I2672P, I2685P, P2689, P2702, P2715, P2724, P2729, P2734, P2758, P2764, P2765, P2770, P2774, P2808, P2844, P2855, P2904, P2908, P2926, I2976P, P3153, P3166, P3170, P3173, P3178, P3189, P3192, P3209, P3441, P6103, P6104, P6105, P6107, P6109, P6110, P6112, P6127, P6140.

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM6-20	7/14/2021	412	13.09	146	3.20	385	261	1810	7.95	1122	0.01	1.58	0.40
CM6-21	7/14/2021	804	48.99	357	13.15	791	647	3715	7.67	2303	0.00	23.21	0.42
CM6-22	7/14/2021	455	17.98	241	5.36	492	369	2275	8.01	1411	0.09	5.04	0.39
CM6-23	7/14/2021	637	15.10	271	6.59	631	489	2897	8.04	1796	0.01	3.97	0.90
I2671P	7/14/2021	704	19.36	202	5.94	589	394	2686	8	1665	0.04	5.15	0.60
I2672P	7/14/2021	597	21.36	260	6.38	620	488	2851	7.74	1768	0.05	2.50	0.05
I2685P	7/14/2021	954	47.11	513	17.13	1064	929	4804	7.87	2978	0.00	11.61	0.83
I2976P	7/14/2021	521	16.91	243	5.83	557	449	2576	8.21	1597	0.00	1.41	0.56
P2689	7/14/2021	774	35.43	376	10.75	825	700	3841	7.56	2381	0.06	10.39	0.09
P2702	7/14/2021	656	19.76	262	6.25	620	465	2836	7.98	1758	0.01	5.99	0.67
P2715	7/14/2021	465	9.38	177	3.06	437	290	1968	8.17	1220	0.00	2.67	0.94
P2724	7/14/2021	1054	42.26	536	17.52	1149	937	5021	7.81	3113	0.00	7.07	1.26
P2729	7/14/2021	312	4.41	89	1.17	253	137	1125	8.8	698	0.01	1.32	2.01
P2734	7/14/2021	977	42.95	484	15.58	1074	862	4726	7.71	2930	0.00	19.21	0.92
P2758	7/14/2021	609	14.95	275	5.82	623	456	2792	8.17	1731	0.01	3.63	1.49
P2764	7/14/2021	689	23.78	303	8.37	728	547	3174	7.91	1968	0.01	9.22	1.10
P2765	7/14/2021	415	7.02	173	2.36	400	285	1861	8.23	1154	0.03	2.45	0.30
P2770	7/14/2021	510	12.69	215	4.55	506	353	2297	8.32	1424	0.00	1.44	2.19
P2774	7/14/2021	567	18.53	258	5.85	573	432	2627	8	1629	0.00	4.26	0.88

Mine Unit 8**Restoration Data**

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P2808	7/14/2021	544	14.71	230	5.15	543	395	2465	8.02	1528	0.01	2.73	1.26
P2844	7/14/2021	468	13.46	208	4.27	486	337	2210	8.23	1370	0.00	1.72	1.20
P2855	7/14/2021	576	20.60	270	6.88	602	478	2751	8.1	1706	0.00	4.00	0.63
P2904	7/14/2021	729	39.24	358	11.63	763	629	3576	7.86	2217	0.01	5.00	0.59
P2908	7/14/2021	740	24.47	312	8.53	745	577	3391	7.98	2102	0.00	10.85	0.73
P2926	7/14/2021	563	14.55	222	4.66	534	373	2448	8.12	1518	0.00	5.05	1.28
P3153	7/14/2021	505	11.86	167	3.40	440	309	2030	8.13	1259	0.06	4.36	0.57
P3166	7/14/2021	540	19.26	215	5.98	517	361	2363	8.02	1465	0.00	3.94	0.42
P3170	7/14/2021	607	28.05	270	8.15	612	471	2836	7.72	1758	0.01	3.71	0.44
P3173	7/14/2021	634	19.70	293	6.83	647	521	3028	7.8	1877	0.00	8.34	0.80
P3178	7/14/2021	839	38.46	390	13.09	871	675	3946	7.69	2447	0.00	4.59	0.36
P3189	7/14/2021	619	48.13	308	12.52	634	553	3097	7.67	1920	0.00	1.60	0.17
P3192	7/14/2021	679	37.42	312	10.50	684	556	3269	7.68	2027	0.03	3.62	0.12
P3209	7/14/2021	767	41.64	372	12.30	827	690	3803	7.61	2358	0.04	7.66	0.20
P3441	7/14/2021	926	58.77	466	17.52	1011	837	4535	7.6	2812	0.00	7.76	0.30
P6103	7/14/2021	461	12.92	182	4.26	435	308	2042	8.28	1266	0.00	0.78	0.97
P6104	7/14/2021	583	16.79	257	6.36	574	430	2670	8.17	1655	0.00	0.85	0.49
P6105	7/14/2021	422	14.26	186	3.69	414	305	1970	8.22	1221	0.03	0.38	0.22
P6107	7/14/2021	481	17.36	203	4.78	459	356	2182	8.22	1353	0.00	1.15	0.31

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P6109													
	7/14/2021	454	8.62	171	2.71	430	309	1965	8.41	1218	0.00	1.23	0.84
P6110													
	7/14/2021	433	15.77	177	4.73	415	315	1974	8.24	1224	0.01	0.59	0.58
P6112													
	7/14/2021	416	8.65	185	2.95	419	305	1962	8.44	1216	0.01	0.23	0.43
P6127													
	7/14/2021	519	15.58	218	4.85	514	385	2379	8.24	1475	0.00	0.74	0.40
P6140													
	7/14/2021	563	14.80	222	5.45	541	403	2512	8.2	1557	0.00	0.60	0.76