

**CAMECO RESOURCES
CROW BUTTE OPERATION**



**86 Crow Butte Road
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December 7, 2021

40-8943

USPS PRIORITY MAIL
SIGNATURE CONFIRMATION

DOCUMENT CONTROL DESK, DIRECTOR
U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

The enclosed report was provided to NDEE.

Class III UIC Permit NE0122611
November 2021 Monthly Restoration Report

Please find enclosed the Crow Butte 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. 121.

Sincerely,
Cameco Resources
Crow Butte Operation

Tate Hagman

Tate Hagman
Restoration Manager

Enclosures: As Stated

cc: Ron Burrows; Document Control Desk; Deputy Director, Division of Decommissioning – NRC
CBO - File
ec: CR – Electronic File
Kory Winters – NDEE Field Office
Amanda Jones – NDEE Program Coordinator

NM5520
NM55

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
 November 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 THE MONTH: (Assay results attached)

No in-house samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
November 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 THE MONTH: (Assay results attached)

No in-house samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
November 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		IX and RO I549P I550P
d. Wellfield Recirculatoion		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 THE MONTH: (Assay results attached)

BL-10	I533P	I526P	I547P
BL-18	I534P	I533P	I548P
BL-19	I535P	I534P	I549P
BL-20	I536P	I535P	I550P
BL-8	I537P	I536P	I551P
BL-9	I538P	I537P	I552P
CM1-7	I539P	I538P	P390
CM2-1	I540P	I539P	P391
CM2-2	I541P	I540P	P392
CM2-3	I542P	I541P	P393
CM2-4	I543P	I542P	P394
CM3-10	I544P	I543P	P456
CM3-9	I545P	I544P	PM-3
I508P	I546P	I545P	
I526P	I547P	I546P	

Mine Unit 4 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-10													
	11/15/2021	376	17.55	121	4.47	306	246	1566	7.87	971	0.03	2.04	0.08
BL-18													
	11/15/2021	202	4.30	36	0.22	120	69	638	8.7	396	0.01	0.25	0.95
BL-19													
	11/15/2021	278	4.21	47	0.57	179	98	889	8.14	551	0.04	1.16	0.09
BL-20													
	11/15/2021	292	8.02	86	1.26	248	201	1257	7.73	779	0.05	0.68	0.06
BL-8													
	11/15/2021	288	6.65	49	1.47	180	97	898	8.02	557	0.13	0.84	0.11
BL-9													
	11/15/2021	229	7.21	55	1.48	169	115	857	7.27	531	0.19	0.20	-0.01
CM1-7													
	11/15/2021	297	7.30	68	1.77	213	145	1081	7.5	670	0.02	0.94	0.01
CM2-1													
	11/15/2021	348	11.01	68	2.58	231	145	1166	7.94	723	0.05	1.41	0.07
CM2-2													
	11/15/2021	270	8.62	63	1.37	192	118	969	8.32	601	0.03	0.67	0.04
CM2-3													
	11/15/2021	354	16.93	151	2.64	327	253	1675	7.73	1039	0.04	0.41	-0.01
CM2-4													
	11/15/2021	373	13.64	145	3.46	349	270	1728	7.92	1071	0.06	0.54	-0.03
CM3-10													
	11/15/2021	298	7.01	71	1.24	218	147	1101	7.89	683	0.18	0.26	-0.02
CM3-9													
	11/15/2021	406	22.82	117	5.06	314	243	1617	8.25	1003	0.05	1.37	0.74
I508P													
	11/15/2021	256	7.30	90	1.10	210	156	1110	8.01	688	0.02	1.07	-0.02
I526P													
	11/15/2021	293	24.25	73	4.02	189	133	1060	8.07	657	0.04	0.58	-0.02
I533P													
	11/15/2021	409	10.91	105	2.53	303	191	1509	8.19	936	0.01	1.74	0.08
I534P													
	11/15/2021	348	10.40	119	2.09	290	200	1463	8.2	907	0.01	1.67	0.03
I535P													
	11/15/2021	403	13.13	108	2.50	298	200	1490	7.93	924	0.03	1.99	-0.03
I536P													
	11/15/2021	458	31.05	177	8.35	426	371	2151	7.9	1334	0.01	2.39	0.02

Mine Unit 4		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
I537P													
	11/15/2021	348	17.05	136	2.79	292	225	1565	7.96	970	0.01	0.07	-0.05
I538P													
	11/15/2021	405	22.37	170	5.36	365	302	1919	7.85	1190	0.02	0.65	-0.01
I539P													
	11/15/2021	472	22.50	189	6.02	407	321	2139	8.03	1326	0.04	2.47	-0.01
I540P													
	11/15/2021	320	7.60	60	0.91	210	135	1085	8.17	673	0.02	2.14	0.00
I541P													
	11/15/2021	243	4.26	49	0.61	163	87	830	8.54	515	0.01	1.47	0.02
I542P													
	11/15/2021	503	30.98	145	6.91	375	303	1985	7.76	1231	0.03	2.69	0.01
I543P													
	11/15/2021	353	8.14	71	1.53	249	158	1225	8.08	760	0.03	1.40	-0.03
I544P													
	11/15/2021	328	9.65	68	2.27	223	147	1148	7.78	712	0.02	0.87	0.09
I545P													
	11/15/2021	324	10.01	79	2.29	239	171	1238	7.77	768	0.02	0.61	0.02
I546P													
	11/15/2021	513	17.15	93	3.91	329	189	1636	7.83	1014	0.01	0.72	-0.04
I547P													
	11/15/2021	292	7.38	63	1.36	213	137	1068	7.52	662	0.19	1.35	-0.03
I548P													
	11/15/2021	259	5.33	45	0.94	169	99	848	8.31	526	0.02	0.30	0.10
I549P													
	11/3/2021	489	25.70	142	7.58	422	387	2103	7.38	1304	0.09	1.84	0.03
I550P													
	11/3/2021	406	13.33	97	3.62	306	239	1547	7.59	959	0.01	0.98	0.17
I551P													
	11/15/2021	285	14.70	54	3.01	177	112	947	7.61	587	0.02	0.59	0.09
I552P													
	11/15/2021	330	14.68	78	1.36	229	147	1173	8.14	727	0.15	1.18	0.60
P390													
	11/15/2021	285	5.76	56	1.01	194	117	987	7.88	612	0.04	0.48	-0.03
P391													
	11/15/2021	367	8.90	87	1.87	262	166	1338	8.4	830	0.01	2.27	0.00
P392													
	11/15/2021	309	9.49	62	1.63	203	130	1050	8.23	651	0.01	1.47	0.05

Mine Unit 4 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P393													
	11/15/2021	219	10.42	41	1.21	130	78	712	7.8	441	0.02	0.15	-0.05
P394													
	11/15/2021	240	14.19	60	1.42	175	134	938	7.31	582	0.10	0.03	-0.04
P456													
	11/15/2021	256	10.12	46	1.70	165	102	862	8.04	534	0.11	0.51	0.00
PM-3													
	11/15/2021	310	11.88	92	2.45	248	170	1251	7.84	776	0.05	0.69	0.00

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
 November 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 Recirculatoin		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 THE MONTH: (Assay results attached)

No in-house samples were collected during the month.

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
 November 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		IX and RO P1337 P1399 P1461 P1625 P1628
d. Wellfield Recirculatoin		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 THE MONTH: (Assay results attached)

CM5-16
 P1337
 P1399
 P1461
 P1625
 P1628

Mine Unit 6 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM5-16													
	11/15/2021	372	10.64	88	2.17	263	176	1358	8.31	842	0.12	1.11	0.45
P1337													
	11/3/2021	417	8.88	97	2.30	310	194	1486	8.27	921	0.01	1.92	0.45
P1399													
	11/3/2021	455	23.85	195	5.69	443	395	2242	8.19	1390	0.02	1.37	0.00
P1461													
	11/3/2021	366	15.09	176	3.97	393	371	1988	8.22	1233	0.01	1.01	0.21
P1625													
	11/3/2021	432	16.14	148	4.38	383	281	1834	8.19	1137	0.01	1.46	0.35
P1628													
	11/3/2021	314	8.68	139	2.63	314	266	1593	8.4	988	0.01	0.61	0.25

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
November 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 <div style="display: flex; justify-content: space-between; padding: 2px;"> BL-17 I2185P P2216 P5220 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> CM4-14 I2429P P2226 P5230 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> CM4-15 I2502P P2316 P5250 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> CM4-16 P1972 P2384 P5283 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> CM4-17 P1986 P2401 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> I1971P P2014 P2476 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> I1973P P2038 P2505 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> I1975P P2040 P2523 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> I1978P P2103 P2538 </div> <div style="display: flex; justify-content: space-between; padding: 2px;"> I2183P P2188 P2610 </div>
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 THE MONTH: (Assay results attached)

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

Mine Unit 7 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
BL-17													
	11/3/2021	428	9.33	79	2.14	273	158	1363	8.12	845	0.01	0.38	1.26
CM4-13													
	11/3/2021	340	14.64	58	2.97	225	128	1108	7.86	687	0.01	0.35	0.19
CM4-14													
	11/3/2021	884	60.87	257	18.30	766	707	3627	7.36	2249	0.01	2.13	0.17
CM4-15													
	11/3/2021	792	52.31	208	15.19	659	621	3194	7.43	1980	0.01	1.39	0.33
CM4-16													
	11/3/2021	828	55.11	221	15.75	663	625	3314	7.33	2055	0.01	1.06	0.05
CM4-17													
	11/3/2021	703	43.02	185	13.16	551	476	2752	7.57	1706	0.04	0.52	-0.11
I1971P													
	11/3/2021	759	45.03	166	12.16	592	491	2864	7.65	1776	0.01	1.37	0.06
I1973P													
	11/3/2021	735	37.86	160	8.82	540	460	2689	7.63	1667	0.01	4.02	0.36
I1975P													
	11/3/2021	861	57.49	234	17.66	724	648	3419	7.54	2120	0.01	4.30	0.10
I1978P													
	11/3/2021	389	19.60	72	4.22	269	191	1352	7.63	838	0.02	1.07	0.27
I2183P													
	11/3/2021	551	39.25	136	9.16	439	383	2168	7.48	1344	0.01	5.57	0.72
I2185P													
	11/3/2021	983	59.16	240	18.67	823	785	3857	7.46	2391	0.01	3.64	1.85
I2429P													
	11/3/2021	399	18.44	108	5.27	317	245	1592	7.8	987	0.01	2.37	0.25
I2502P													
	11/3/2021	328	17.93	192	4.69	377	391	2019	8.14	1252	0.01	0.52	-0.03
P1972													
	11/3/2021	479	20.55	102	5.53	364	290	1808	7.58	1121	0.04	1.93	0.31
P1986													
	11/3/2021	496	20.93	155	6.09	407	367	2137	7.85	1325	0.01	1.26	0.33
P2014													
	11/3/2021	186	5.09	40	0.97	129	78	656	7.33	407	0.08	0.01	0.00
P2038													
	11/3/2021	590	33.73	152	9.91	482	429	2376	7.5	1473	0.02	1.71	0.01
P2040													
	11/3/2021	781	57.07	227	18.85	670	643	3305	7.42	2049	0.01	2.36	-0.01

Mine Unit 7 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P2188	11/3/2021	281	7.40	56	1.82	187	131	977	7.59	606	0.01	0.57	0.89
P2216	11/3/2021	462	25.27	179	5.54	432	407	2208	7.87	1369	0.01	2.71	0.43
P2226	11/3/2021	422	9.08	77	2.40	291	189	1410	7.92	874	0.01	1.56	0.45
P2316	11/3/2021	672	44.92	151	11.82	498	457	2530	7.65	1569	0.01	3.58	0.41
P2384	11/3/2021	594	42.26	163	12.49	489	485	2521	7.46	1563	0.01	2.25	0.32
P2401	11/3/2021	362	19.14	73	4.76	244	210	1330	7.55	825	0.01	0.42	0.20
P2476	11/3/2021	400	18.69	96	4.71	302	234	1534	7.78	951	0.02	0.91	0.42
P2481	11/3/2021	546	14.28	106	3.98	381	273	1878	7.8	1164	0.01	1.05	1.32
P2505	11/3/2021	280	14.26	118	2.85	274	236	1392	7.94	863	0.01	0.30	0.41
P2523	11/3/2021	341	10.56	65	2.44	230	158	1178	7.81	730	0.01	0.79	0.43
P2538	11/3/2021	273	9.36	68	2.15	200	162	1065	7.54	660	0.05	0.29	0.96
P2610	11/3/2021	656	26.67	160	8.30	494	379	2421	7.64	1501	0.01	1.61	0.95
P5230	11/3/2021	855	55.83	208	15.54	681	653	3332	7.4	2066	0.03	3.52	0.35
P5250	11/3/2021	492	25.43	122	7.33	370	330	1925	7.61	1194	0.01	0.84	0.95
P5283	11/3/2021	660	36.80	158	10.80	505	456	2515	7.69	1559	0.04	1.70	1.13

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
 November 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		IX and RO CM6-11 P2724 P2855 P3189 P6110 CM6-20 P2734 P2863 P3192 P6111 CM6-21 P2740 P2880 P3209 P6112 I2671P P2758 P2904 P6101 P6127 I2672P P2764 P2908 P6102 P6140 I2692P P2765 P2926 P6103 P2689 P2770 P3153 P6104 P2701 P2774 P3166 P6105 P2702 P2808 P3170 P6107 P2715 P2844 P3173 P6109
d. Wellfield Recirculatoion		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 THE MONTH: (Assay results attached)

CM6-11	P2724	P2715	P3153	P6127
CM6-20	P2729	P2724	P3166	P6140
CM6-21	P2734	P2729	P3170	
CM6-22	P2758	P2734	P3173	
CM6-23	P2764	P2758	P3178	
CM6-24	P2765	P2764	P3189	
I2671P	P2770	P2765	P3192	
I2672P	P2774	P2770	P3209	
I2685P	P2808	P2774	P6103	
I2976P	P2844	P2808	P6104	
P2686	P2855	P2844	P6105	
P2689	P2904	P2855	P6107	
P2700	P2908	P2904	P6109	
P2702	P2926	P2908	P6110	
P2715	P3153	P2926	P6112	

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM6-11	11/3/2021	449	28.53	228	7.13	498	445	2440	8.13	1513	0.01	0.53	-0.15
CM6-20	11/3/2021	397	13.63	143	3.34	371	268	1762	8.16	1092	0.05	0.88	0.10
CM6-21	11/3/2021	650	30.76	256	8.11	628	480	2906	7.84	1802	0.00	12.98	0.17
CM6-22	11/3/2021	346	11.41	172	3.23	372	322	1834	8.12	1137	0.01	1.69	0.06
CM6-23	11/3/2021	432	7.20	162	2.79	389	310	1924	8.17	1193	0.01	1.52	0.62
CM6-24	11/3/2021	574	15.98	218	5.68	552	394	2536	8.02	1572	0.01	1.38	0.77
I2671P	11/3/2021	736	25.15	246	7.59	665	451	2991	8.14	1854	0.02	4.65	0.43
I2672P	11/3/2021	400	7.59	145	2.00	380	267	1786	8.21	1107	0.03	0.85	-0.11
I2685P	11/3/2021	623	17.74	246	5.82	614	454	2810	8.06	1742	0.01	6.94	0.72
I2976P	11/3/2021	506	12.21	205	4.02	492	375	2350	8.2	1457	0.01	1.21	0.48
P2686	11/3/2021	413	8.62	145	2.55	369	279	1777	8.16	1102	0.00	2.66	0.52
P2689	11/3/2021	587	18.33	246	5.41	608	456	2778	8.02	1722	0.05	5.09	-0.08
P2700	11/3/2021	482	25.55	246	7.22	506	463	2554	7.96	1583	0.01	1.21	0.11
P2702	11/3/2021	462	8.60	169	2.58	418	324	2031	8.25	1259	0.01	1.91	0.52
P2715	11/3/2021	348	6.64	120	1.90	296	217	1497	8.31	928	0.01	0.76	0.35
P2724	11/3/2021	776	22.55	332	9.20	775	624	3592	7.97	2227	0.01	4.58	0.98
P2729	11/3/2021	386	8.96	133	2.58	325	233	1627	8.42	1009	0.01	0.96	0.71
P2734	11/3/2021	727	22.01	306	7.79	718	570	3368	7.89	2088	0.01	11.86	0.78
P2758	11/3/2021	466	7.35	168	2.51	430	307	2021	8.22	1253	0.01	2.00	1.20

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P2764													
	11/3/2021	647	20.97	269	7.41	647	485	2972	7.98	1843	0.01	7.35	0.90
P2765													
	11/3/2021	335	5.34	119	1.38	306	219	1478	8.22	916	0.02	0.96	0.12
P2770													
	11/3/2021	461	9.65	172	3.37	425	300	2027	8.33	1257	0.01	0.98	1.58
P2774													
	11/3/2021	437	11.08	167	3.22	408	303	1966	8.13	1219	0.01	2.14	0.55
P2808													
	11/3/2021	396	7.67	141	2.40	363	248	1732	8.26	1074	0.01	1.25	0.83
P2844													
	11/3/2021	445	11.84	194	3.68	431	340	2130	8.21	1321	0.01	1.16	0.65
P2855													
	11/3/2021	529	18.80	226	6.03	523	413	2514	8.05	1559	0.01	2.67	0.42
P2904													
	11/3/2021	571	23.99	253	7.01	571	456	2732	7.92	1694	0.01	2.26	0.32
P2908													
	11/3/2021	533	11.53	199	3.77	502	372	2349	8.15	1456	0.01	6.02	0.44
P2926													
	11/3/2021	378	8.50	130	2.40	333	248	1628	8.27	1009	0.01	1.50	0.60
P3153													
	11/3/2021	458	9.93	143	2.75	406	261	1859	8.34	1153	0.03	3.40	0.29
P3166													
	11/3/2021	477	14.73	170	4.57	439	304	2066	8.26	1281	0.00	2.48	0.19
P3170													
	11/3/2021	455	17.00	177	4.60	436	316	2090	8.14	1296	0.01	1.49	0.13
P3173													
	11/3/2021	491	11.61	199	3.99	499	354	2274	8.19	1410	0.00	4.21	0.58
P3178													
	11/3/2021	476	11.08	177	3.18	457	306	2104	8.33	1304	0.03	1.61	0.22
P3189													
	11/3/2021	460	25.74	191	6.31	461	352	2178	8.13	1350	0.02	0.88	-0.06
P3192													
	11/3/2021	511	22.64	219	6.13	532	398	2469	8.08	1531	0.02	1.26	-0.08
P3209													
	11/3/2021	547	19.48	224	5.58	567	416	2570	8.13	1593	0.02	4.73	0.03
P6103													
	11/3/2021	385	9.11	133	2.67	345	241	1659	8.35	1029	0.02	0.46	0.55

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P6104													
	11/3/2021	601	20.65	256	7.45	596	464	2813	8.06	1744	0.00	0.87	0.37
P6105													
	11/3/2021	370	10.29	142	2.66	355	263	1695	8.24	1051	0.02	0.27	0.07
P6107													
	11/3/2021	409	10.72	154	2.90	386	279	1834	8.29	1137	0.01	0.53	0.16
P6109													
	11/3/2021	396	6.12	136	1.93	363	242	1697	8.47	1052	0.01	0.67	0.52
P6110													
	11/3/2021	365	12.56	145	3.38	356	265	1713	8.28	1062	0.02	0.33	0.13
P6112													
	11/3/2021	396	7.87	170	2.60	402	300	1914	8.45	1187	0.01	0.28	0.12
P6127													
	11/3/2021	435	10.61	170	3.24	418	317	2007	8.31	1244	0.01	0.48	0.14
P6140													
	11/3/2021	492	13.88	189	4.74	495	342	2213	8.24	1372	0.02	0.51	0.45