

**CAMECO RESOURCES
CROW BUTTE OPERATION**



**86 Crow Butte Road
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January 5, 2026

Electronic Submittal

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
December 2025 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 into Mine Unit 8. For this month Mine Unit 7 was in IX treatment only.
Mine Units 2, 3, 4, 5 and 6 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

A handwritten signature in blue ink that reads "Tate Hagman". The signature is written in a cursive, flowing style.

Tate Hagman
Restoration Manager

Enclosures: As Stated

cc: Tom Lancaster; Document Control Desk; Deputy Director, Division of Decommissioning – NRC
CBO - File
ec: CR – Electronic File
Kory Winters – DWEE Field Office
Daniel Kroll, UIC/ME Coordinator, DWEE
Mike Thompson, Grounwater Manager, DWEE

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
December 2025
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 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
December 2025
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 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
December 2025
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	
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
December 2025
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
December 2025
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	
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
December 2025
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 Only CM4-17 P2014 P2103 P2610 P2624
d. Wellfield Recirculatoin		X	
e. Other (explain):		X	

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 THE MONTH: (Assay results attached)

CM4-13 CM4-17 P2014 P2610 P2624	
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Mine Unit 7 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
CM4-13													
	12/08/25	620	35.71	122.7	8.95	452	328	2143	7.77	1329	0.01	1.67	0.33
CM4-17													
	12/08/25	598	32.88	142.8	9.99	458	344	2211	7.55	1371	0.05	0.34	0.00
P2014													
	12/08/25	359	24.32	81.7	5.41	265	188	1312	7.34	813	0.10	0.36	0.09
P2610													
	12/08/25	524	15.18	77.1	3.82	334	169	1532	7.83	950	0.01	1.01	0.85
P2624													
	12/08/25	372	20.29	98	4.69	289	199	1410	7.44	874	0.02	0.39	0.81

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
December 2025
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 CPW9 P2805 P3133 P3644 I2680P P2952 P3143 P3834 I2681P P2984 P3208 P3840 I2688P P2996 P3235 P3903 I3699P P3058 P3249 P3905 IP4329 P3064 P3256 P4190 P2676 P3094 P3309 P4327 P2696 P3100 P3318 P6110 P2699 P3114 P3361 P2795 P3130 P3439
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)

COW96-1	P3083	P4329
CPW96-1	P3100	
I2679P	P3110	
I2680P	P3114	
I2681P	P3130	
I2684P	P3133	
I2688P	P3143	
I3699P	P3208	
P2696	P3249	
P2699	P3256	
P2845	P3309	
P2952	P3439	
P2984	P3834	
P2996	P3840	
P3064	P3905	

Mine Unit 8		Restoration Data											
Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
COW96-1	12/08/25	513	17.92	167.2	5.88	448	320	2113	7.92	1310	0.01	3.47	0.90
CPW96-1	12/08/25	451	15.61	149.4	3.97	410	293	1901	8	1179	0.01	0.95	0.77
I2679P	12/08/25	618	21.86	216.1	6.86	551	403	2623	8.09	1626	0.01	3.71	0.43
I2680P	12/08/25	436	7.48	116.6	2.45	362	234	1673	8.17	1037	0.01	3.06	5.86
I2681P	12/08/25	706	33.45	215.6	7.85	578	383	2624	7.82	1627	-0.01	49.06	1.30
I2684P	12/08/25	422	5.65	86.1	1.49	319	186	1450	8.49	899	0.01	2.75	1.05
I2688P	12/08/25	451	14.95	122.5	3.67	362	234	1687	8.05	1046	0.01	2.44	0.65
I3699P	12/08/25	446	15.93	161.4	3.92	408	306	1976	8.12	1225	0.01	1.32	0.14
P2696	12/08/25	252	7.41	71.2	1.46	210	142	1029	7.96	638	0.01	0.71	0.10
P2699	12/08/25	471	9.67	121.1	2.89	385	256	1793	8.16	1112	0.01	3.73	0.71
P2845	12/08/25	600	40.98	257.3	10.89	584	472	2779	7.94	1723	0.01	1.05	0.91
P2952	12/08/25	549	23.15	185.5	6.14	479	350	2326	7.92	1442	0.01	2.86	0.18
P2984	12/08/25	490	14.41	147.2	4.09	427	295	1964	8.17	1218	0.01	4.12	0.31
P2996	12/08/25	428	9.04	123.5	2.58	357	237	1686	8.14	1045	0.01	2.07	3.63
P3064	12/08/25	332	6.10	105.3	1.78	286	196	1388	8.11	861	0.01	2.45	0.70
P3083	12/08/25	380	14.07	121.5	3.51	328	230	1572	7.91	975	0.01	5.56	0.55
P3100	12/08/25	185	3.29	48.4	0.72	151	91	703	8.06	436	0.02	2.39	0.49
P3110	12/08/25	242	3.86	58.4	0.77	195	118	897	8.14	556	0.01	2.53	0.41
P3114	12/08/25	480	8.32	109.6	2.54	370	231	1719	8.16	1066	0.01	4.80	1.02

Mine Unit 8 Restoration Data

Well ID	Date	Alk	Ca	Cl	Mg	Na	SO4	Cond	pH	TDS	Fe	U	V
P3130													
	12/08/25	263	7.61	88.9	1.85	243	171	1147	8.4	711	0.01	0.45	0.38
P3133													
	12/08/25	524	16.94	180.3	4.66	472	339	2205	7.99	1367	0.01	7.44	0.43
P3143													
	12/08/25	493	15.13	190.5	4.83	482	361	2226	8.17	1380	0.01	2.27	0.50
P3208													
	12/08/25	726	44.85	298.8	11.78	689	548	3268	7.67	2026	0.03	2.68	0.16
P3249													
	12/08/25	311	5.59	74.7	1.34	245	151	1156	8.22	717	0.01	1.07	0.82
P3256													
	12/08/25	595	18.57	190.5	5.76	523	366	2407	8.12	1492	0.01	3.51	0.67
P3309													
	12/08/25	229	5.23	49.4	1.39	175	106	828	8.08	513	0.01	0.43	0.31
P3439													
	12/08/25	417	6.77	98.3	1.73	328	204	1526	8.35	946	0.01	1.53	0.37
P3834													
	12/08/25	295	7.71	84.5	2.13	252	171	1204	8.04	746	0.01	0.46	0.22
P3840													
	12/08/25	395	9.41	119	2.67	343	236	1600	8.29	992	0.01	0.80	0.40
P3905													
	12/08/25	439	11.87	120.8	3.00	373	248	1703	8.32	1056	0.01	1.96	0.43
P4329													
	12/08/25	319	3.44	62	0.65	236	134	1096	8.57	680	0.01	0.75	2.03