

**CAMECO RESOURCES
CROW BUTTE OPERATION**



**86 Crow Butte Road
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**(308) 665-2215
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February 15, 2023

Electronic Submittal

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

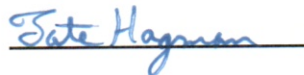
The enclosed report was provided to NDEE.

Class III UIC Permit NE0122611
January 2023 Monthly Restoration Report

Please find enclosed the Crow Butte Monthly Restoration Reports for Mine Units 2, 3, 4, 5, 6, 7 and 8. Mine Unit 6 is beginning stability monitoring and the first sample is planned to be taken in March. The reverse osmosis (RO) units continue to inject permeate and reductant into Mine Units 7 and 8. Mine Units 2, 3, 4 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
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 Osborn – NDEE Program Coordinator

CROW BUTTE MINE
 MONTHLY RESTORATION REPORT
 January 2023
 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
 January 2023
 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
 January 2023
 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
 January 2023
 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
 January 2023
 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
January 2023
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 P2040 CM4-14 P2384 CM4-15 P2476 CM4-16 P2505 I1971P P2523 I1973P P5230 I1975P P5271 I2183P I2185P P2038 |
| 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)

| | | | | |
|--------|--------|-------|-------|-------|
| BL-17 | I1985P | P2216 | P2505 | P5258 |
| CM3-7 | I2183P | P2219 | P2510 | P5271 |
| CM4-12 | I2185P | P2226 | P2523 | P5278 |
| CM4-13 | I2244P | P2264 | P2538 | P5283 |
| CM4-14 | I2429P | P2303 | P2540 | |
| CM4-15 | I2502P | P2316 | P2541 | |
| CM4-16 | P1957 | P2331 | P2601 | |
| CM4-17 | P1972 | P2340 | P2610 | |
| CM4-18 | P1986 | P2359 | P2612 | |
| I1971P | P2014 | P2384 | P2614 | |
| I1973P | P2038 | P2401 | P2615 | |
| I1975P | P2040 | P2468 | P2624 | |
| I1977P | P2108 | P2470 | P2660 | |
| I1978P | P2125 | P2476 | P5230 | |
| I1982P | P2188 | P2481 | P5250 | |

Mine Unit 7

Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|-------|-----|-------|-----|-----|------|------|------|------|------|------|
| BL-17 | 1/17/2023 | 362 | 7.45 | 62 | 1.54 | 247 | 104 | 1117 | 8.1 | 693 | 0.00 | 0.39 | 1.51 |
| CM3-7 | 1/31/2023 | 346 | 13.32 | 105 | 2.80 | 311 | 225 | 1463 | 8.28 | 907 | 0.00 | 0.12 | 0.16 |
| CM4-12 | 1/31/2023 | 628 | 75.57 | 194 | 19.91 | 510 | 495 | 2654 | 7.35 | 1645 | 0.01 | 2.08 | 0.06 |
| CM4-13 | 1/31/2023 | 316 | 8.77 | 39 | 1.35 | 192 | 95 | 909 | 7.93 | 564 | 0.07 | 0.58 | 0.08 |
| CM4-14 | 1/17/2023 | 647 | 39.00 | 157 | 10.57 | 512 | 387 | 2479 | 7.55 | 1537 | 0.00 | 1.95 | 0.35 |
| CM4-15 | 1/17/2023 | 801 | 57.79 | 224 | 16.27 | 680 | 588 | 3283 | 7.45 | 2035 | 0.01 | 1.21 | 0.43 |
| CM4-16 | 1/17/2023 | 573 | 29.73 | 129 | 8.74 | 448 | 319 | 2141 | 7.69 | 1327 | 0.01 | 0.72 | 0.34 |
| CM4-17 | 1/31/2023 | 323 | 5.76 | 42 | 1.27 | 210 | 104 | 938 | 8.45 | 582 | 0.00 | 0.39 | 0.10 |
| CM4-18 | 1/31/2023 | 248 | 8.68 | 34 | 1.26 | 140 | 62 | 692 | 8 | 429 | 0.00 | 0.31 | 1.00 |
| I1971P | 1/17/2023 | 624 | 36.13 | 133 | 9.28 | 492 | 379 | 2325 | 7.48 | 1442 | 0.01 | 0.93 | 0.19 |
| I1973P | 1/17/2023 | 614 | 27.50 | 116 | 6.38 | 432 | 292 | 2129 | 7.65 | 1320 | 0.00 | 2.78 | 0.52 |
| I1975P | 1/17/2023 | 792 | 52.93 | 203 | 15.60 | 616 | 525 | 3096 | 7.43 | 1920 | 0.01 | 3.55 | 0.21 |
| I1977P | 1/31/2023 | 433 | 44.81 | 99 | 6.57 | 318 | 256 | 1622 | 7.71 | 1006 | 0.00 | 1.24 | 0.30 |
| I1978P | 1/31/2023 | 270 | 14.48 | 29 | 1.83 | 142 | 57 | 724 | 7.93 | 449 | 0.04 | 0.46 | 0.19 |
| I1982P | 1/31/2023 | 213 | 13.27 | 27 | 1.90 | 109 | 48 | 583 | 7.95 | 361 | 0.01 | 0.21 | 0.17 |
| I1985P | 1/31/2023 | 157 | 18.23 | 10 | 1.04 | 58 | 18 | 344 | 7.7 | 213 | 0.01 | 0.03 | 0.10 |
| I2183P | 1/17/2023 | 497 | 38.05 | 134 | 8.34 | 394 | 311 | 2003 | 7.5 | 1242 | 0.01 | 3.71 | 0.72 |
| I2185P | 1/17/2023 | 657 | 31.21 | 130 | 9.20 | 488 | 355 | 2373 | 7.63 | 1471 | 0.01 | 1.70 | 2.10 |
| I2244P | 1/31/2023 | 257 | 23.42 | 177 | 5.83 | 357 | 348 | 1775 | 7.42 | 1101 | 0.01 | 1.41 | 0.20 |

Mine Unit 7 Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|--------|-----|-------|-----|-----|------|------|------|-------|------|-------|
| I2429P | 1/31/2023 | 483 | 27.17 | 204 | 7.31 | 504 | 423 | 2376 | 7.86 | 1473 | 0.00 | 2.35 | 0.21 |
| I2502P | 1/31/2023 | 312 | 22.44 | 186 | 5.09 | 399 | 377 | 1932 | 8.19 | 1198 | -0.01 | 0.09 | 0.04 |
| P1957 | 1/31/2023 | 175 | 22.88 | 47 | 0.93 | 112 | 85 | 649 | 7.02 | 402 | 0.05 | 0.00 | 0.05 |
| P1972 | 1/31/2023 | 273 | 8.41 | 37 | 1.20 | 177 | 92 | 827 | 7.78 | 513 | 0.06 | 0.33 | 0.27 |
| P1986 | 1/31/2023 | 269 | 9.86 | 31 | 1.22 | 148 | 49 | 716 | 8.29 | 444 | 0.00 | 0.31 | 0.44 |
| P2014 | 1/31/2023 | 134 | 10.71 | 27 | 0.80 | 84 | 54 | 463 | 7 | 287 | 0.17 | 0.01 | 0.05 |
| P2038 | 1/17/2023 | 651 | 54.27 | 181 | 14.82 | 533 | 488 | 2734 | 7.26 | 1695 | 0.01 | 2.28 | 0.15 |
| P2040 | 1/17/2023 | 688 | 50.03 | 188 | 16.71 | 574 | 513 | 2866 | 7.34 | 1777 | 0.01 | 1.80 | 0.14 |
| P2108 | 1/31/2023 | 244 | 15.63 | 39 | 0.88 | 145 | 73 | 727 | 7.55 | 451 | 0.18 | 0.14 | 0.13 |
| P2125 | 1/31/2023 | 567 | 33.85 | 131 | 6.75 | 472 | 395 | 2222 | 7.35 | 1378 | 0.03 | 1.60 | 0.09 |
| P2188 | 1/31/2023 | 332 | 13.46 | 71 | 2.80 | 248 | 151 | 1176 | 7.86 | 729 | -0.01 | 0.83 | 21.19 |
| P2216 | 1/31/2023 | 399 | 20.77 | 172 | 4.57 | 423 | 377 | 2006 | 8.23 | 1244 | -0.04 | 3.05 | 0.43 |
| P2219 | 1/31/2023 | 869 | 125.80 | 274 | 28.73 | 811 | 868 | 3879 | 7.29 | 2405 | 0.00 | 3.99 | 0.11 |
| P2226 | 1/31/2023 | 322 | 11.33 | 48 | 1.59 | 212 | 116 | 996 | 7.83 | 618 | 0.09 | 0.80 | 0.14 |
| P2264 | 1/31/2023 | 229 | 24.88 | 70 | 2.50 | 167 | 136 | 903 | 7.98 | 560 | 0.00 | 0.15 | 1.05 |
| P2303 | 1/31/2023 | 169 | 12.10 | 44 | 2.01 | 109 | 62 | 608 | 7.15 | 377 | 0.63 | 0.00 | 0.06 |
| P2316 | 1/31/2023 | 219 | 17.30 | 28 | 1.82 | 116 | 58 | 613 | 7.53 | 380 | 0.00 | 0.13 | 0.20 |
| P2331 | 1/31/2023 | 131 | 10.00 | 18 | 0.79 | 78 | 47 | 421 | 7.3 | 261 | 0.12 | 0.03 | 0.06 |
| P2340 | 1/31/2023 | 187 | 11.71 | 33 | 1.34 | 107 | 51 | 557 | 7.49 | 345 | 0.12 | 0.02 | 0.04 |

Mine Unit 7 Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|-------|-----|-------|-----|-----|------|------|------|-------|------|------|
| P2359 | 1/31/2023 | 476 | 29.48 | 103 | 7.43 | 367 | 279 | 1760 | 7.4 | 1091 | 0.08 | 3.66 | 0.18 |
| P2384 | 1/17/2023 | 674 | 52.42 | 192 | 15.26 | 582 | 541 | 2884 | 7.33 | 1788 | 0.00 | 4.17 | 0.49 |
| P2401 | 1/31/2023 | 165 | 16.30 | 24 | 1.38 | 88 | 53 | 502 | 7.77 | 311 | -0.01 | 0.01 | 0.07 |
| P2468 | 1/31/2023 | 293 | 9.54 | 68 | 1.39 | 212 | 116 | 1018 | 8.01 | 631 | 0.01 | 0.40 | 0.58 |
| P2470 | 1/31/2023 | 276 | 9.47 | 43 | 1.32 | 181 | 111 | 870 | 8.13 | 539 | 0.03 | 0.55 | 0.46 |
| P2476 | 1/17/2023 | 257 | 8.79 | 55 | 1.99 | 187 | 106 | 922 | 7.74 | 572 | 0.02 | 0.49 | 0.57 |
| P2481 | 1/31/2023 | 353 | 5.42 | 42 | 0.80 | 225 | 99 | 1003 | 8.37 | 622 | 0.00 | 0.39 | 2.82 |
| P2505 | 1/17/2023 | 320 | 16.88 | 150 | 3.33 | 347 | 285 | 1703 | 8 | 1056 | 0.01 | 0.60 | 0.57 |
| P2510 | 1/31/2023 | 339 | 27.16 | 181 | 5.17 | 400 | 380 | 1959 | 8.1 | 1215 | -0.01 | 0.83 | 0.45 |
| P2523 | 1/17/2023 | 222 | 4.15 | 33 | 0.86 | 146 | 54 | 665 | 7.71 | 412 | 0.00 | 0.14 | 0.64 |
| P2538 | 1/31/2023 | 120 | 6.71 | 15 | 0.33 | 57 | 16 | 317 | 7.79 | 197 | 0.00 | 0.19 | 6.93 |
| P2540 | 1/31/2023 | 243 | 16.77 | 26 | 1.37 | 121 | 51 | 640 | 8.04 | 397 | -0.01 | 0.47 | 0.15 |
| P2541 | 1/31/2023 | 128 | 12.21 | 7 | 0.75 | 49 | 10 | 279 | 7.73 | 173 | 0.00 | 0.03 | 0.26 |
| P2601 | 1/31/2023 | 437 | 17.28 | 82 | 4.22 | 318 | 196 | 1474 | 8.09 | 914 | 0.00 | 0.63 | 0.83 |
| P2610 | 1/31/2023 | 442 | 13.51 | 46 | 2.43 | 257 | 95 | 1169 | 8.29 | 725 | 0.00 | 0.99 | 0.71 |
| P2612 | 1/31/2023 | 195 | 4.03 | 30 | 0.65 | 129 | 68 | 609 | 7.51 | 378 | 0.00 | 0.05 | 0.53 |
| P2614 | 1/31/2023 | 465 | 23.78 | 70 | 5.36 | 304 | 161 | 1416 | 8.1 | 878 | 0.00 | 0.79 | 0.13 |
| P2615 | 1/31/2023 | 268 | 7.95 | 38 | 0.60 | 159 | 56 | 736 | 8.3 | 456 | 0.00 | 0.34 | 2.32 |
| P2624 | 1/31/2023 | 113 | 4.57 | 10 | 0.11 | 57 | 9 | 270 | 7.65 | 167 | 0.00 | 0.05 | 0.42 |

Mine Unit 7 Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|-------|-----|------|-----|-----|------|------|------|------|------|------|
| P2660 | 1/31/2023 | 394 | 9.95 | 47 | 1.81 | 245 | 97 | 1084 | 8.29 | 672 | 0.00 | 0.80 | 0.49 |
| P5230 | 1/17/2023 | 651 | 27.62 | 137 | 7.59 | 518 | 370 | 2363 | 7.95 | 1465 | 0.03 | 2.49 | 0.55 |
| P5250 | 1/31/2023 | 431 | 10.88 | 44 | 2.12 | 265 | 124 | 1165 | 8.27 | 722 | 0.00 | 1.16 | 1.06 |
| P5258 | 1/31/2023 | 104 | 6.13 | 8 | 0.05 | 48 | 16 | 242 | 7.29 | 150 | 0.15 | 0.02 | 0.10 |
| P5271 | 1/17/2023 | 639 | 36.03 | 146 | 9.62 | 470 | 358 | 2367 | 7.55 | 1468 | 0.01 | 1.35 | 0.61 |
| P5278 | 1/31/2023 | 335 | 11.69 | 48 | 1.41 | 216 | 119 | 1012 | 7.84 | 627 | 0.01 | 0.69 | 0.38 |
| P5283 | 1/31/2023 | 495 | 15.14 | 76 | 3.96 | 352 | 209 | 1594 | 8.24 | 988 | 0.00 | 1.51 | 1.02 |

CROW BUTTE MINE
MONTHLY RESTORATION REPORT
January 2023
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 CM6-21 P2758 P3246 P3415 I2671P P2764 P3253 P3441 I2685P P2808 P3266 P3698 I2688P P2900 P3268 P3735 I2791 P2904 P3277 P3876 I3699P P2908 P3284 P6103 P2696 P2952 P3287 P6110 P2698 P2965 P3356 P6127 P2700 P3189 P3358 P2724 P3208 P3390 |
| 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)

| | | |
|--------|-------|-------|
| CM6-21 | P2808 | P3390 |
| I2671P | P2845 | P3441 |
| I2674P | P2900 | P3698 |
| I2685P | P2904 | P3735 |
| I2688P | P2908 | P3876 |
| I2697P | P2952 | |
| I2791P | P2977 | |
| I3699P | P3189 | |
| P2696 | P3208 | |
| P2698 | P3266 | |
| P2700 | P3268 | |
| P2703 | P3277 | |
| P2724 | P3287 | |
| P2758 | P3356 | |
| P2764 | P3358 | |

Mine Unit 8 Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|-------|-----|-------|------|-----|------|------|------|------|-------|------|
| CM6-21 | | | | | | | | | | | | | |
| | 1/17/2023 | 385 | 11.51 | 135 | 2.77 | 360 | 243 | 1699 | 8.15 | 1053 | 0.00 | 3.79 | 0.14 |
| I2671P | | | | | | | | | | | | | |
| | 1/17/2023 | 434 | 7.28 | 109 | 1.95 | 355 | 208 | 1611 | 8.45 | 999 | 0.01 | 2.23 | 0.95 |
| I2674P | | | | | | | | | | | | | |
| | 1/17/2023 | 690 | 24.48 | 267 | 7.41 | 675 | 497 | 3091 | 7.77 | 1916 | 0.00 | 11.66 | 1.10 |
| I2685P | | | | | | | | | | | | | |
| | 1/17/2023 | 368 | 10.88 | 122 | 2.76 | 331 | 221 | 1557 | 8.34 | 965 | 0.01 | 1.59 | 0.57 |
| I2688P | | | | | | | | | | | | | |
| | 1/17/2023 | 569 | 20.86 | 207 | 6.41 | 527 | 356 | 2434 | 8.08 | 1509 | 0.01 | 3.71 | 0.72 |
| I2697P | | | | | | | | | | | | | |
| | 1/17/2023 | 0 | 47.38 | 0 | 18.51 | 1210 | 936 | 5267 | 7.67 | 3266 | 0.00 | 14.11 | 1.27 |
| I2791P | | | | | | | | | | | | | |
| | 1/17/2023 | 811 | 65.95 | 387 | 16.80 | 862 | 717 | 3971 | 7.62 | 2462 | 0.09 | 4.99 | 0.05 |
| I3699P | | | | | | | | | | | | | |
| | 1/17/2023 | 992 | 68.87 | 0 | 19.90 | 1121 | 930 | 4984 | 7.6 | 3090 | 0.00 | 8.09 | 0.35 |
| P2696 | | | | | | | | | | | | | |
| | 1/17/2023 | 623 | 22.29 | 264 | 6.99 | 651 | 498 | 2986 | 7.81 | 1851 | 0.00 | 6.18 | 0.43 |
| P2698 | | | | | | | | | | | | | |
| | 1/17/2023 | 0 | 53.28 | 0 | 19.61 | 1237 | 984 | 5339 | 7.73 | 3310 | 0.01 | 5.44 | 0.84 |
| P2700 | | | | | | | | | | | | | |
| | 1/17/2023 | 532 | 32.45 | 251 | 8.81 | 561 | 441 | 2677 | 7.99 | 1660 | 0.01 | 1.06 | 0.14 |
| P2703 | | | | | | | | | | | | | |
| | 1/17/2023 | 353 | 19.86 | 185 | 4.25 | 406 | 333 | 1960 | 8.18 | 1215 | 0.01 | 0.14 | 0.02 |
| P2724 | | | | | | | | | | | | | |
| | 1/17/2023 | 482 | 10.59 | 162 | 3.72 | 447 | 291 | 2027 | 8.21 | 1257 | 0.01 | 3.26 | 1.50 |
| P2758 | | | | | | | | | | | | | |
| | 1/17/2023 | 375 | 6.15 | 107 | 1.96 | 322 | 196 | 1478 | 8.39 | 916 | 0.01 | 0.94 | 1.45 |
| P2764 | | | | | | | | | | | | | |
| | 1/17/2023 | 430 | 17.93 | 152 | 5.57 | 387 | 265 | 1860 | 8.21 | 1153 | 0.01 | 2.25 | 0.79 |
| P2808 | | | | | | | | | | | | | |
| | 1/17/2023 | 376 | 11.11 | 138 | 3.11 | 357 | 235 | 1667 | 8.34 | 1034 | 0.01 | 1.48 | 0.78 |
| P2845 | | | | | | | | | | | | | |
| | 1/17/2023 | 506 | 29.45 | 217 | 7.67 | 496 | 376 | 2383 | 8.05 | 1477 | 0.01 | 1.10 | 1.57 |
| P2900 | | | | | | | | | | | | | |
| | 1/17/2023 | 650 | 23.26 | 275 | 8.52 | 669 | 508 | 3048 | 8.03 | 1890 | 0.00 | 4.57 | 0.66 |
| P2904 | | | | | | | | | | | | | |
| | 1/17/2023 | 431 | 16.53 | 169 | 4.37 | 426 | 311 | 1989 | 8.13 | 1233 | 0.01 | 1.19 | 0.38 |

Mine Unit 8 Restoration Data

| Well ID | Date | Alk | Ca | Cl | Mg | Na | SO4 | Cond | pH | TDS | Fe | U | V |
|---------|-----------|-----|-------|-----|-------|------|-----|------|------|------|------|-------|------|
| P2908 | 1/17/2023 | 437 | 15.71 | 158 | 4.30 | 405 | 290 | 1910 | 8.25 | 1184 | 0.02 | 3.37 | 0.35 |
| P2952 | 1/17/2023 | 530 | 26.66 | 200 | 7.16 | 494 | 376 | 2383 | 8.09 | 1477 | 0.01 | 4.21 | 0.22 |
| P2977 | 1/17/2023 | 386 | 23.98 | 137 | 3.90 | 345 | 250 | 1690 | 8.1 | 1048 | 0.02 | 0.90 | 0.16 |
| P3189 | 1/17/2023 | 412 | 30.31 | 170 | 6.98 | 393 | 304 | 1959 | 8.1 | 1215 | 0.02 | 0.71 | 0.06 |
| P3208 | 1/17/2023 | 419 | 13.65 | 134 | 3.67 | 375 | 265 | 1786 | 8.21 | 1107 | 0.01 | 2.49 | 0.29 |
| P3266 | 1/17/2023 | 770 | 28.70 | 332 | 10.45 | 816 | 613 | 3620 | 7.88 | 2244 | 0.00 | 5.35 | 0.57 |
| P3268 | 1/17/2023 | 592 | 18.35 | 233 | 5.86 | 592 | 428 | 2674 | 7.87 | 1658 | 0.00 | 6.39 | 0.77 |
| P3277 | 1/17/2023 | 704 | 28.70 | 334 | 9.39 | 761 | 581 | 3454 | 7.74 | 2141 | 0.01 | 4.84 | 0.43 |
| P3287 | 1/17/2023 | 528 | 13.36 | 190 | 4.16 | 502 | 339 | 2285 | 8.09 | 1417 | 0.00 | 4.02 | 0.59 |
| P3356 | 1/17/2023 | 383 | 16.06 | 180 | 3.66 | 418 | 334 | 1991 | 8.07 | 1234 | 0.01 | 1.25 | 0.02 |
| P3358 | 1/17/2023 | 475 | 22.44 | 224 | 5.88 | 524 | 413 | 2455 | 8.1 | 1522 | 0.00 | 8.24 | 0.34 |
| P3390 | 1/17/2023 | 0 | 93.48 | 0 | 23.63 | 1019 | 870 | 4760 | 7.65 | 2951 | 0.04 | 13.12 | 0.18 |
| P3441 | 1/17/2023 | 846 | 47.93 | 0 | 14.42 | 883 | 698 | 4166 | 7.7 | 2583 | 0.00 | 7.38 | 0.28 |
| P3698 | 1/17/2023 | 701 | 33.87 | 298 | 10.39 | 720 | 560 | 3295 | 7.88 | 2043 | 0.00 | 2.94 | 0.60 |
| P3735 | 1/17/2023 | 0 | 75.31 | 0 | 23.73 | 1119 | 964 | 5253 | 7.68 | 3257 | 0.00 | 11.85 | 0.49 |
| P3876 | 1/17/2023 | 0 | 64.61 | 0 | 18.96 | 1044 | 835 | 4676 | 7.72 | 2899 | 0.02 | 22.23 | 0.79 |