



New

Site Cleanup/Remediation

ᐱᓕ ᐱᑦᐅᑭᑯᑦ:

Dele Morakinyo
CIRNAC (NRO)
P.O. Box 2200
Iqaluit Nunavut X0A 0X0
Canada
ᑲᑦᐅᑭᑯᑦ: (873) 354-1694, ᑭᑦᐅᑭᑯᑦ:

$${}^{\epsilon}\mathfrak{b}_{\Delta}{}^{\zeta}\mathfrak{N}_{\sigma}{}^{\flat} \quad \wedge \neg \neg \mathfrak{b}{}^{\epsilon}\sigma \neg \neg \mathfrak{b}{}^{\flat}\mathfrak{L}{}^{\alpha}\sigma{}^{\flat}$$

▷ΔΛΠD^c: Not Applicable

Inuinnaqtun: Not Applicable

Personnel on site: 35

Days on site: 105

Total Person days: 3675

Operations Phase: from 2022-04-01 to 2025-03-31

Operations Phase: from 2022-04-01 to 2025-03-31

Closure Phase: from 2024-11-01 to 2025-03-31

Post-Closure Phase: from to

[illegible]

ᑭᑭᑦᑲᑦᑲᑦ	ᑭᑭᑦ	ᑭᑭᑦᑲᑦᑲᑦᑲᑦᑲᑦ	ᑭᑭᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ
ᑭᑭᑦᑲᑦᑲᑦ	Hamlet and Community Members	Community of Coral Harbour	2022-03-02

$\epsilon \Delta^{\alpha} j^{\beta} \wedge J^{\alpha} e^{\beta} \dot{n} \cdot d^{\alpha} r^{\beta} C D P L R$

$a^b r^c \Delta_{\sigma} \Delta_{\tau} \Delta_{\rho} \Delta_{\delta} \Delta_{\gamma} \Delta_{\alpha}$

Kivalliq

[illegible]

ᐱᑦᓂᕈᓃᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	ᐸᐸᕐᓴᓄᕐᓴᓄᕐ/ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	ᐸᐸᕐᓴᓄᕐᓴᓄᕐ
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Land Use Permit (LUP)	Not Yet Applied		
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Water Use License (WUL))	Not Yet Applied		
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Quarrying Permits (QPs)	Not Yet Applied		
Government of Nunavut, Community Government & Services	Land Use Permit / Authorization certificate	Not Yet Applied		
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Authorization Letter for Lot 541 and 542 (previously lot 8)	Not Yet Applied		
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Authorization Letter for Lot 1001 which is under the administration and control of DFO	Not Yet Applied		
ᐸᐸᕐᓴᓄᕐᓴᓄᕐ	Authorization Letter from the Municipality of Coral Harbour for Lot 384 which is a municipal land, occupied by DFO without interest	Not Yet Applied		

Project transportation types

Transportation Type	Relative Risk of Injury	Length of Use
Air		

Project accomodation types

Temporary Camp

Λ⁹δ^c Δ⁹ρ²ζ⁵ Δ⁵CDσ²Δ²Δ²ζ⁵ Δ^cζ⁵ρ²Δ²Π²ρ^c Δ²Δ²Δ^c, Γ^cΔ²Δ²Π^c, ζ⁵ζ⁵Δ²ζ⁵, Δ^cρ²Δ^c Δ²ρ²ρ^cΔ

በበፍጥረቱ ምሳሌ ለፍጥነቱ ምሳሌ ለፍጥነቱ ምሳሌ ለፍጥነቱ ምሳሌ

ΔL^{9b} ΔC^{9b} CΔJL^{9b} ΔC^{9b}

ᐃᑦᓂ ᑕᑲᑦᓂ ᐱᑦᓂᑦᓂᑦᓂᑦᓂ	ᑦᓂᓂᑦᓂ ᐱᑦᓂᑦᓂᑦᓂᑦᓂᑦᓂ	ᓂᑦᓂ ᐱᑦᓂᑦᓂᑦᓂᑦᓂᑦᓂ
13	Pumping, on-site treatment and trucking to camp. Details of treatment and polishing unit to be provided by successful contractor, after contract award.	On-site freshwater source to be determined by the successful remediation contractor

$\triangleleft^b C d^c$
$$\Delta^b C d_c n_\sigma \Delta^a \sigma^a$$

ለጥጥር ለሚገኙት የአካባቢ ጥበቃ ስራዎች	የአካባቢ ጥበቃ ስራዎች	የአካባቢ ጥበቃ ስራዎች	የአካባቢ ጥበቃ ስራዎች	የአካባቢ ጥበቃ ስራዎች
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	To be determined (TBD)	On-site incineration in an enclosed container	None
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	5000 L/day	Disposed of with sewage	None
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	TBD	Shipped off-site to a licensed southern facility	None
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	TBD	Shipped off-site for disposal	None
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	TBD	Shipped off-site for disposal	None
Site Cleanup/Remediation	የአካባቢ ጥበቃ ስራዎች	2000 L/day	On-site Lagoon or other approach that may be suggested by the contractor	None

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 10

The predicted environmental impacts of this project and the proposed mitigations are contained in the attached Project Proposal Report (PPR). After the application of the mitigation measures proposed in the PPR, the potential residual effects of the project are anticipated: to be short-term in nature with the exception of potential effects to groundwater associated with the NHW facility; to occur occasionally throughout the Project; and to be limited to areas directly disturbed by the Project (footprint) and areas within 500 m of the footprint because the Project will use areas of existing disturbance as much as possible to mitigate potential residual effects. The effects to all value components (VCs) are evaluated as low magnitude and will not threaten the sustainability of VCs.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

- <10 m3 Batteries - Removal of batteries from vehicles and equipment, if present, and off-site disposal at a registered hazardous waste facility. ~134,100 L Liquid - To be sampled and incinerated on-site if they meet incineration criteria. Residual ashes disposed of in the recommended on-site NWH facility following leachate analysis. Barrel contents unfit for incineration will be amalgamated and shipped off-site to a licensed facility for treatment and/or disposal. For incinerated remains disposed of in NWH, the NWH will undergo long term monitoring (LTM) post remediation- >5 m3 Asbestos - Abate, double bag and dispose of in the recommended on-site NWH facility. The NWH will undergo long term monitoring (LTM) post remediation. >100 m2 Lead Amended Paint - Partial abatement on-site of poorly adhered paint and off-site disposal of removed paint at hazardous waste facility. Following partial abatement, materials with remaining well adhered paint may be treated with Lead Defender® and disposed of in the on-site NWH facility. The NWH will undergo long term monitoring (LTM) post remediation. 16000L Aqueous Liquid - To be sampled and incinerated on-site if they meet incineration criteria. Residual ashes disposed of in the recommended on-site NWH facility following leachate analysis. Barrel contents unfit for incineration will be amalgamated and shipped off-site to a licensed facility for treatment and/or disposal. For incinerated remains disposed of in NWH, the NWH will undergo long term monitoring (LTM) post remediation- unknown volume (m3) of Hazardous Buried Debris - Classification of the WDAs in accordance with the AMSRP to designate each as a Class A, B or C and determine the appropriate remedial action prior to the remedial program. Dispose of as HW if indicated by results. For wastes disposed offsite, no further treatment required. For wastes disposed in the NWH, the facility will undergo LTM post remediation. - 60 m3 (vol. after crushing) - The non-hazardous waste (empty barrels) will be emptied, cleaned, crushed, and disposed of in a non-hazardous waste (NHW) facility constructed at the Site. The NWH will undergo long term monitoring (LTM) post remediation- 6815 m3 (in waste disposal areas (WDAs)) - The WDAs will be classified in accordance with the Abandoned Military Site Remediation Protocol (AMSRP) (INAC, 2008) to designate each as a Class A, B or C and determine the appropriate remedial action prior to the remedial program. Any excavated hazardous materials shall be segregated and disposed off-site, while excavated NHW will be disposed of in the on-site NWH facility. The NWH and any WDA left in place will undergo long term monitoring (LTM) post remediation- 80 m3 (may contain some combustible wood) - The Infrastructure (Tank Farm and Wooden Shed) will be dismantled, incinerated or compacted, and non-combustibles will be disposed of in the on-site NWH facility. Tank farm will require an assessment prior to remedial program to determine if/what contents are present and if the paint on tanks is amended paint. The NWH will undergo long term monitoring (LTM) post remediation. - 3430 m3 The surface solid debris will be collected, segregated, shredded, compacted and disposed of in the on-site NWH facility. Combustibles such as inert wooden materials will be segregated and incinerated on-site. The NWH will undergo long term monitoring (LTM) post remediation. - 1950 m3 Soil (PHC) - surface staining - Areas of surficial staining to be excavated to an assumed depth of 1 m and disposed of in the on-site NWH facility. Excavated areas to be filled with borrow material and regraded to match surrounding landscape.

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

ᐱᓪᑲ ᐸᕙᑎᑦ ᖃᓄᐃᑐᓚᒃᑯᓂᓴ: ᓄᓇᑯᓪ ᖃᓄᐃᑐᓂᓴ

Please refer to the attached Phase III ESA, RAP and PPR

ᐱᓪᑦ ᐃᑦᐅᑦ ᐆᑦᐅᑦᐅᑦ ᐆᑦᐅᑦᐅᑦ: ᐃᑦᐅᑦᐅᑦ ᐆᑦᐅᑦᐅᑦ

Please refer to the attached Phase III ESA, RAP and PPR

ᐱᓪᓇ ᐱᑦᐅᐅᑦ ᑭᓪᓂᐱᑦᑐᑦ ᑕᓂᐅᓂᓪᓴᑦ: ᐱᓂᑦ ᓂᓂᑦ ᐱᓪᓴᑦ-ᐱᑦᑕᐱᑦ ᓂᓂᑦ ᐱᓪᓴᑦ

Please refer to the attached Phase III ESA, RAP and PPR

Miscellaneous Project Information

None

[illegible]

The predicted environmental impacts of this project and the proposed mitigations are contained in the attached Project Proposal Report (PPR). After the application of the mitigation measures proposed in the PPR, the potential residual effects of the project are anticipated: to be short-term in nature with the exception of potential effects to groundwater associated with the NHW facility; to occur occasionally throughout the Project; and to be limited to areas directly disturbed by the Project (footprint) and areas within 500 m of the footprint because the Project will use areas of existing disturbance as much as possible to mitigate potential residual effects. The effects to all value components (VCs) are evaluated as low magnitude and will not threaten the sustainability of VCs.

Cumulative Effects

Reference to the attached PPR

Impacts

$\omega \rightarrow \omega \Delta^{\frac{1}{6}} C D \sigma^{-\frac{1}{6}} r^C$ $d \rho n \Gamma D C \dot{\sigma}^C D^C$ $d^b D^{\frac{1}{6}} C D r L \dot{r}^C$

[illegible]
$$(P = \langle b \rangle \Delta \langle p \rangle \cap \langle a \rangle \langle b \rangle^c, N = \langle b \rangle \langle p \rangle \setminus \langle c \rangle \langle a \rangle \langle b \rangle^c \setminus \langle c \rangle \langle p \rangle \setminus \langle p \rangle \langle b \rangle \langle c \rangle \langle a \rangle \langle p \rangle^c \setminus, M = \langle b \rangle \langle p \rangle \setminus \langle c \rangle \langle a \rangle \langle b \rangle^c \setminus \langle c \rangle \langle p \rangle \setminus \langle p \rangle \langle b \rangle \langle c \rangle \langle a \rangle \langle p \rangle^c \setminus, U = \langle b \rangle \langle p \rangle \setminus \langle c \rangle \langle a \rangle \langle p \rangle^c \setminus)$$

1	point	Coral Harbour Site
---	-------	--------------------