Nunavut Regional Office (NRO)
P.O. Box 2200
Iqaluit, NU, X0A 0H0

April 11, 2025

Licensing Manager, Licensing Office,
Nunavut Water Board (NWB)
Gjoa Haven, NU X0B 0A3
Nunavut

Dear Licensing Manager, NWB:

RE: CORAL HARBOUR PROJECT NWB LLICENSE NO. 1BR-COR2325 ANNUAL REPORT, 2024

The department of Crown Indigenous Relations and Northern Affairs Canada (CIRNAC), Nunavut Regional Office (NRO) has completed the second year of the Coral Harbour Site Remediation project under NWL Water Licence Number 1BR-COR2325. The report of the second year of remediation (2024) under this water licence number is contained herein.

Should you have any questions or require any clarifications, please contact the undersigned or the Project Manager, Dele Morakinyo at dele.morakinyo@rcaanc-cirnac.gc.ca, or by telephone at (873) 354-1694

Regards,

Charlotte Lamontagne
Director, Contaminated Sites Program
867-975-4730 (office)
867-222-1712 (cell)
charlotte.lamontagne@rcaanc-cirnac.gc.ca

NWB Annual Report **Year being reported:** 2024

License No: 1BR-COR2325 **Issued Date:** June 15, 2023
Expiry Date: June 14, 2025

Project Name: Coral Harbour Remediation Project

Licensee: Crown-Indigenous Relations & Northern Affairs Canada – Contaminated Sites Program

Mailing Address: P.O. Box 2200
Iqaluit, NU, X0A 0H0

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

Same as the name of the Licensee

General Background Information on the Project (*optional):

The Coral Harbour Site Remediation Project location (Site) is at the site of a former military/army base located approximately 10 kilometers northwest of the Hamlet of Coral Harbour. The Site was used by Canadian and American Forces during the construction of the Distant Early Warning (DEW) Line in Northern Canada during the Second World War. The Site, which was active from the 1940s until the 1970s, was also used to support various other northern projects. The purpose of the Project is to conduct remedial activities to reduce future risk to the biophysical and human environment due to potential wastes and physical hazards that currently exist on Site.

Licence Requirements: the licensee must provide the following information in accodance with

Part B | Item 1

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s): Municipal water supply of Coral Harbour

Water Quantity:

15	Quantity Allowable Domestic (cu.m)
1.2	Actual Quantity Used Domestic (cu.m)
0	Quantity Allowable Drilling (cu.m)
0	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
- ☐ Sewage
- ☐ Drill Waste
- ☑ Greywater
- ☐ Hazardous
- ☐ Other:

Additional Details:

Graywater from the camp site.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: N/A (as reported to the Spill Hot-line)
Date of Spill: July 12, 2024
Date of Notification to an Inspector: N/A - under 100L reporting limit
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)
A small release of oil occurred (<5L) occurred in AEC-2 as a barrel was being moved from a stained soil excavation area. The barrel was damaged, which was not known prior to moving the barrel. The leak was immediately stopped when identified and the barrel was moved to a staging area underlain by polyethylene sheeting. Absorbant was applied and affected soils were excavated and containerized for future off-site dispoal.

Spill No.: N/A (as reported to the Spill Hot-line)
Date of Spill: July 19, 2024
Date of Notification to an Inspector: N/A - under 100L reporting limit
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)
Approximately 20 L of hydraulic fluid was spilled from a at the GMD-D borrow screening area. The SDL team immediately cleaned up the spill by excavating the impacted soil and containerizing it in barrels for future off-site disposal

Spill No.: N/A (as reported to the Spill Hot-line)
Date of Spill: August 19, 2024
Date of Notification to an Inspector: N/A - under 100L reporting limit
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)
A small spill of approximately 3 L of hydraulic fluid occurred on the road outside of the borrow screening area when a hydraulic line on a truck leaked. The spill was immediately cleaned up by SDL and the soil containerized for future off-site disposal.

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed

Additional Details:

SCP submitted in 2023 as part of the SSHASP. No revisions to the SCP were required in 2024.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed

Additional Details:

ARP was submitted and approved during the 2024 construction season. No revisions to the ARP were required since the latest approved version (rev 3).

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Remediation tasks at the Coral Harbour Site are considered complete.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Not Applicable (N/A)

Additional Details:

N/A - water sourced from the municipal water supply of Coral Harbour.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details described below

Additional Details:

Greywater Sump Pit for Camp: 64°12'03"N 83°20'08"W

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board

Additional Details: (date of request, analysis of results, data attached, etc)

N/A

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board

Additional Details: (Attached or provided below)

N/A

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC

Additional Details: (Dates of Report, Follow-up by the Licensee)

N/A

Any additional comments or information for the Board to consider

N/A

Date Submitted:	April 11, 2025	
Submitted/Prepared by:	Dele Morakinyo, CIRNAC (CSP) Project Manager	
Contact Information:	**Tel:**	(873) 354-1694
	Fax:	N/A
	email:	dele.morakinyo@rcaanc-cirnac.gc.ca

APPENDIX A: Water License Monitoring

The following is a summary of processing efforts required by SDL to produce the Granular Fill volumes provided in Table 5-9:

- Screening was required to produce the shown quantities of Type 2 and Type 3 Granular Fill materials from GMD-B and GMD-D.

Following development during the 2024 construction season, borrow materials were used in various areas on the site as follows:

- Approximately 5,189 m^3 of Type 1 granular fill was used for construction of the NHW Facility.
- Approximately 3,562 m^3 of Type 2 granular fill was used for construction of the NHW Facility.
- Approximately 3,990 m^3 of Type 3 granular fill was used for construction of the NHW Facility.
- Approximately 3,981 m^3 of Type 4 granular fill was used for construction of the NHW Facility.
- Approximately 3,218 m^3 of Type 4 granular fill was used as backfilling contaminated soil excavations at AEC1, AEC2, AEC3, and AEC6.

Upon completion of borrow activities, the borrow sources utilized in 2023 and 2024 were levelled and restored as required in the Quarrying Permits.

5.3 Water Licence Monitoring

5.3.1 Water Licence Monitoring Stations

The Water Licence issued for the Project prescribes monitoring at stations COR-1 through COR-8; however, several of the monitoring stations were not applicable for the project in 2024. A description of the Water Licence monitoring stations along with a summary of their applicability to the work completed in 2024 is provided in Table 5-10.

Table 5-10 Summary of Water Licence Monitoring Stations (2024)

Monitoring Program Station ID	Station Description	Monitoring Summary
COR-1	Station for freshwater intake - Daily quantities of water utilized for camp and other purposes measured and recorded in m^3 (Volume)	Freshwater supplied by the Hamlet of Coral Harbour. Approximate volume of freshwater supplied in 2024 is discussed in Section 5.3.2.
COR-2	Station at the Sewage Disposal Facility or Sewage Treatment Plant discharge point (Volume and Water Quality)	Not applicable. No sewage disposal facility/treatment plant was used for the Project; however, quantity of greywater discharged was tracked indirectly (refer to Section 5.3.3).
COR-3	Station installed at the discharge point of demolition waste rinse water collection area (Volume and Water Quality)	Not applicable. No demolition waste rinse water and/or contact water discharged in 2024. Barrel and tank cleaning rinsate captured and sent for off-site disposal (refer to Section 5.1.11).

Table 5-10 Summary of Water Licence Monitoring Stations (2024)

Monitoring Program Station ID	Station Description	Monitoring Summary
COR-4	Station installed at the discharge point of the surface water collection system for the LTU Facility (Volume and Water Quality)	Water captured in LTU sumps in 2023 and 2024 was treated in the process water treatment system in 2024. Approximate volume of LTU water captured, treated, discharged, and/or sent for off-site disposal is discussed in Section 5.3.4.
COR-5	Station installed at the discharge point of the surface water collection system for the NHW Facility (Volume and Water Quality)	Not applicable. No surface water discharged from the NHW Facility in 2024.
COR-6[1]	Monitoring well installed downgradient of the NHW Facility (Water Quality)	Monitoring well sampled once in 2024 and was dry during the remaining sampling attempts (refer to Section 5.3.5).
COR-7[1]	Monitoring well installed downgradient of the NHW Facility (Water Quality)	Not applicable. Monitoring well dry in 2024 and could not be sampled (refer to Section 5.3.5).
COR-8[1]	Monitoring well installed upgradient of the NHW Facility (Water Quality)	Not applicable. Monitoring well dry in 2024 and could not be sampled (refer to Section 5.3.5).

Notes:
1. Water License 1BR-COR2325 contains a duplicate of COR-5. Nunami Stantec has assumed that the WL contains a typo and that NHW Facility monitoring well stations should be named COR-6, COR-7, and COR-8.

Additional details regarding the Water Licence monitoring stations are provided in the following sub-sections.

5.3.2 Water Use

Part D, Item 3 of the Water Licence requires that daily quantities of water use for the camp and other purposes from Monitoring Station COR-1 should be measured and recorded in cubic metres. Monitoring Station COR-1 refers to the small freshwater lake near the camp. Similar to the 2023 construction season, SDL opted to source freshwater for the camp from the Hamlet of Coral Harbour instead of withdrawing from the small freshwater lake. Approximately 129 m^3 of freshwater was delivered to the camp by the Hamlet of Coral Harbour in 2024. Based on the number of days that the camp was active in 2024 (105 days; June 20 – October 3), daily freshwater use was approximately 1.2 m^3/day. During decommissioning of the camp at the end of the 2024 construction season, SDL and Nunami Stantec staff resided in local accommodations and freshwater delivery from the Hamlet was not required.

5.3.3 Waste and Wastewater Management

In accordance with Part D, Item 5 of the Water Licence, greywater from the camp was pumped into a sump located at least 31 m from the ordinary high-water mark of the nearest water body, where direct flow into the nearby water body was not possible, and no additional impacts were created. The location of the greywater sump is presented on Figures 10 and 12, Appendix A; the coordinates are as follows: 64° 12’ 03” N, 83° 20’ 09” W. Greywater was generated from bathroom sinks and showers, and kitchen sinks. Blackwater (i.e., sewage) generated at the camp was captured in Pacto bags and did not require freshwater input. As such, it is assumed that the volume of greywater discharged in 2024 was

approximately equal to the amount of freshwater delivered to the camp. A total of 129 m^3 of freshwater was delivered to the camp in 2024; therefore, approximately 129 m^3 of greywater was discharged. As discussed in Section 5.3.2, the camp was active for 105 days in 2024. As such, daily greywater discharge from the camp was approximately 1.2 m^3/day.

As discussed above, blackwater (i.e., sewage) generated at the camp was captured in Pacto bags which were then incinerated daily in the camp incinerator. The location of the camp incinerator is presented on Figures 10 and 12, Appendix A; the coordinates are as follows: 64° 12’ 04” N, 83° 20’ 09” W. Other domestic waste generated at the camp was captured in garbage bags which were also incinerated daily in the camp incinerator. As no sewage disposal facility was constructed in 2024, Water Licence monitoring station COR-2 did not apply.

As part of camp decommissioning at the end of the 2024 construction season (refer to Section 5.1.3), the greywater discharge sump was backfilled/compacted to match the surrounding topography.

5.3.4 LTU Contact Water Management

Approximately 45,800 L of water that had accumulated in the LTU treatment cell sumps in 2023 and 2024 required treatment to the COR-4 Water Licence criteria (refer to Section 3.4) prior to being discharged on-site. The LTU contact water was stored in plastic totes and the decommissioned horizontal green AST from AEC 6 prior to being treated in the Contractor’s process water treatment system, which consisted of a bag filter unit and two granular activated carbon vessels connected in series. Nunami Stantec collected 16 samples (LTU-Influent. LTU-Effluent, HMPA-Effluent-001 to HMPA-Effluent-014) of both untreated and treated LTU contact water. The LTU contact water samples collected by Nunami Stantec were for QA/QC purposes as SDL were responsible for collecting samples in accordance with the contract specifications.

Analytical results of both treated and untreated LTU contact water samples collected by Nunami Stantec are presented in Table C2, Appendix C. Laboratory COAs are provided in Appendix F. The results of the LTU contact water samples collected by SDL are provided in SDL’s LTU Operation Report.

Following receipt of multiple treated water sample results with lead in excess of the COR-4 Water Licence criteria, the Contractor shipped additional activated aluminum and clay treatment media to the Site, resulting in four treatment vessels connected in series instead of two, in attempt to improve treatment system performance. While the additional treatment media appeared to reduce concentrations of lead slightly in the treated water samples, total lead still exceeded the COR-4 Water Licence criteria and therefore could not be discharged on-site.

Upon further review of the Water Licence criteria, it was noted that Section III (page ix) states that the NWB has decided that *“the CCME Water Quality Guidelines for the Protection of Aquatic Life (CCME WQG) for surface water reception shall be applied to effluent discharged from the landfarm”* and indicates that the effluent quality limits for pH, oil and grease, benzene, toluene, and ethylbenzene are consistent with the CCME WQG. As per the CCME WQG, the total lead guideline is variable based on water hardness and ranges from 0.001 mg/L to 0.007 mg/L. As such, the 0.001 mg/L total lead criterion listed in the Water Licence represents the minimum value for total lead as provided in the CCME WQG.

Nunami Stantec drafted a memo to the NWB proposing the comparison of treated LTU contact water to the hardness-adjusted CCME WQG for total lead as opposed to the minimum guideline value of 0.001 mg/L as listed in the Water Licence. Upon review of the memo, the NWB granted approval to adopt the hardness-adjusted CCME WQG for total lead. Nunami Stantec's lead discharge memo along with the approval from the NWB are provided in Appendix L.

A summary of the treated LTU contact water results exceeding the COR-4 Water License criteria (CCME hardness-adjusted guideline for total lead) is provided in Table 5-11.

Table 5-11 Summary of LTU Contact Water Exceedances (COR-4)

Sample ID	Location	WL Criteria Exceedances (Concentration [mg/L])	Summary
LTU-Influent	Pre-treatment	Total Lead (0.0100)[1]	Raw LTU contact water exceeds COR-4 criteria and therefore accumulated LTU water sent to process water treatment system.
LTU-Effluent	Post-treatment	Total Lead (0.00485)[1]	Water required additional treatment. Subsequent samples confirmed retreated batch met COR-4 criteria and was therefore discharged on-site.
HMPA-Effluent-004	Post-treatment	Toluene (0.0119)	Water required additional treatment. Subsequent samples confirmed retreated batch met COR-4 criteria and was therefore discharged on-site.
HMPA-Effluent-013	Post-treatment	Total Lead (0.00718)[2]	Due to time constraints, further treatment was not feasible and this batch of contact water required off-site disposal.
HMPA-Effluent-014	Post-treatment	Toluene (0.00465)	Due to time constraints, further treatment was not feasible and this batch of contact water required off-site disposal.

Notes:
1. Sample exceeds the minimum guideline for total lead (0.001 mg/L). Hardness could not be added to the analytical suite as there was insufficient sample remaining at the lab, so the hardness-adjusted guidelines could not be calculated/applied.
2. Sample exceeds the hardness-adjusted guideline for total lead.

The remainder of the treated water samples met the COR-4 Water Licence criteria (with hardness-adjusted criterion for total lead). As such, the batches represented by the samples below the criterion could be discharged on-site in accordance with the Water Licence. Prior to discharge, the Nunami Stantec Environmental PCR and the SDL Site-Superintendent cross-referenced the results of SDL's samples against Nunami Stantec's samples to confirm that any water to be discharged on-site was previously sampled and met the COR-4 Water Licence Criteria. A total of 43,800 L of treated LTU contact water was discharged on-site. The location of the treated water discharge is presented on Figure 6, Appendix A.

Following discharge of the treated water, Numami Stantec collected four confirmatory soil samples (06-WWT-01 to 06-WWT-06) within the discharge area and submitted them for analysis of BTEX/PHC F1 to F4, metals, PAHs, and PCBs. The locations of the confirmatory soil samples are presented on Figure 6, Appendix A. Analytical results are presented in the Tables C1a to C1d, Appendix C. Laboratory COAs are provided in Appendix F. No exceedances of the Remedial Targets were identified.

As stated in Table 5-11 above, the water represented by samples HMPA-Effluent-013 and HMPA-Effluent-014 could not be treated further due to time constraints associated with demobilization and cold temperatures presenting a freezing risk. As such, the exceeding water, representing two plastic totes (approximately 2,000 L total) was sent for off-site disposal at the Contractor's hazardous waste disposal facility.

5.3.5 Groundwater/Active Layer Water Monitoring

Groundwater/active layer water monitoring was conducted at the NHW Facility and LTU in 2024, as discussed in the following sub-sections.

5.3.5.1 NHW Facility Groundwater/Active Layer Water Monitoring

Groundwater/active layer water monitoring and sampling activities were completed at the NHW Facility monitoring wells on July 23, 2024, representing monitoring stations COR-6, COR-7, and COR-8 of the Water License. Only one monitoring well (03-NHWF-MW03), located downgradient of the NHW Facility, contained sufficient water for sampling. Several additional sampling attempts were made at the NHW Facility throughout the 2024 construction season; however, the monitoring wells were dry or contained insufficient water for sampling.

As discussed in Section 3.3, groundwater/active layer water analytical results were compared to the FIGQGs and are presented in the Tables C3a to C3e, Appendix C. Laboratory COAs are provided in Appendix F. A summary of groundwater/active layer water monitoring completed at the NHW Facility in 2024 is provided in Table 5-12.

Table 5-12 2024 NHW Facility Groundwater/Active Layer Water Monitoring Results

Monitoring Well ID	WL Monitoring Station	Monitoring Date	Depth to Water (mbTOC)[1]	Depth to Bottom (mbTOC)[1]	FIGQG Exceedances
03-NHWF-MW03	COR-6	July 23, 2024	1.73	1.915	Sulfate, total metals aluminum, arsenic, cadmium, chromium, copper, iron, lead, mercury, silver, titanium, zinc and pyrene.
03-NHWF-MW01	COR-7	July 23, 2024	Dry	1.82	Not sampled.
03-NHWF-MW02	COR-8	July 23, 2024	Dry	1.89	Not sampled.

Notes:
1. Depth to water and depth to bottom measurements collected July 12, 2024. The measurements collected on the sampling date (July 23, 2024) were not recorded.
2. 'mbTOC' = metres below top of casing.

The concentrations of exceeding parameters were similar to those observed in 2023, with only one new exceedance observed in 2024 (pyrene). Additionally, chloride and selenium, which exceeded the FIGQG in 2023, did not exceed in 2024. Similar to the 2023 results, caution should be exercised when interpreting the 2024 groundwater/active layer water exceedances. Although monitoring well 03-NHWF-MW03 was redeveloped in 2024 prior to sampling (refer to Section 1.1), the TSS concentration (13,000 mg/L) remained elevated. High TSS in water samples can lead to elevated total metals concentrations due to metals adsorbing to the suspended particles. As such, the observed exceedances in 03-NHWF-MW03 are likely the result of high TSS in the sample and are not necessarily representative of actual groundwater/active layer water concentrations. This is further evidenced by the fact that dissolved metals concentrations were often several orders of magnitude lower than the corresponding total metals concentrations, and no exceedances of the applied guidelines were observed for dissolved metals. Groundwater/active layer water monitoring at the NHW Facility is anticipated to continue in the future as part of LTM.

On September 12, 2024, an SDL pickup truck backed into monitoring well 03-NHWF-MW03 and damaged the PVC monitoring well casing. SDL repaired the monitoring well by joining a new section of PVC well casing to the existing section of casing with a coupler. The break and subsequent repair is not anticipated to affect future monitoring of 03-NHWF-MW03.

Following repair of 03-NHWF-MW03, protective steel well casings were installed around the three NHW Facility monitoring wells. New padlocks were installed on each well and the keys provided to CIRNAC.

5.3.5.2 LTU Groundwater Monitoring

Groundwater/active layer water monitoring and sampling activities were completed at the LTU monitoring wells on September 12 and 21, 2024. The LTU groundwater/active layer water samples were collected following removal of the Type B PHC contaminated soil and subsequent decommissioning of the three LTU treatment cells. Only two monitoring wells (LTU-MW1 and LTU-MW3) contained sufficient water for sampling. Groundwater/active layer water samples were submitted for analysis of BTEX/PHC F1 to F4. A comparison of the LTU groundwater/active layer water results collected in 2023 (baseline) and 2024 (confirmatory) is provided in Table 5-13.

Table 5-13 LTU Groundwater/Active Layer Water Monitoring Results Summary

Monitoring Well ID (Location)	2024 Sampling Date	2023 Exceedances (Concentration [mg/L])	2024 Exceedances (Concentration [mg/L])
LTU-MW1 (Downgradient)	September 21, 2024	PHC F2 (4.73)	PHC F2 (2.46)
LTU-MW2 (Downgradient)	N/A – Not sampled in 2024	PHC F2 (1.92)	N/A – Not sampled in 2024
LTU-MW3 (Upgradient)	September 12, 2024	PHC F2 (4.7)	PHC F2 (1.66)

Notes:
1. FIGQG Tier 1 guideline (commercial land use, coarse-grained soil) for PHC F2 is 1.3 mg/L.
2. 2023 samples collected by SDL, whereas 2024 samples collected by Nunami Stantec.

Both groundwater/active layer water samples collected in 2024 exceeded the FIGQG Tier 1 guideline (commercial land use, coarse-grained soil) for F2 (1.3 mg/L); however, the PHC F2 concentrations observed in 2024 were slightly lower than those observed in 2023. The 2023 Annual Remediation Report (Stantec, 2024) concluded that the observed 2023 PHC F2 exceedances were unlikely to be associated with the LTU. As such, it is also unlikely that the PHC F2 exceedances observed in 2024 are associated with the operation of the LTU.

Following receipt of acceptable LTU groundwater/active layer water analytical results, the three LTU monitoring wells were decommissioned on October 4, 2024. The wells were removed with an excavator, and the annular space was filled with bentonite.

5.4 Quality Assurance and Quality Control Results

5.4.1 Sample QA/QC Results

The results of the blind field duplicate (BFD) analyses are presented in Tables C1a to C1d, and Table C2, Appendix C. RPDs were calculated as described in Section 4.9, and are presented in Table 5-14.

Table 5-14 Summary of 2024 BFD Results

Media	Analysis	Range of % RPD	Number of Analytes >Acceptable RPD[3]
Soil	PHCs	0 – 186 %	11 of 72
	PAHs	See Note 4	
	Metals	0 – 194 %	36 of 641
	PCBs	40 – 75 %	1 of 4
Surface Water	General Chemistry	0.1 – 1.4 %	0 of 2
	PHCs	See Note 4	
	Metals	0.6 – 2.7 %	0 of 3

Notes:
1. RPD not calculated if parent and/or duplicate concentrations were <5x the laboratory RDL.
2. Number of analytes less than the acceptable RPD were only counted for analytes where the RPD was calculated.
3. Acceptable RPD defined as <60% for soil samples and <40% for water samples (CCME, 2016)).
4. All parent and/or duplicate parameter concentrations were <5x the laboratory RDL.

The results indicate acceptable RPD for most parameters analyzed and demonstrates that field sampling was generally completed in a consistent manner. For parameters that exceeded the acceptable RPD of 60% for soil, one or more of the following applied: there were no guidelines for the parameter in question; concentrations in both the parent and duplicate samples were below the applied guidelines; or concentrations in both the parent and duplicate samples were above the applied guidelines, indicating that the elevated RPDs for these samples do not affect the interpretation of the results. The only exceptions are as follows:

- Copper in parent sample 03-BDA-002-SP150 exceeded the Remedial Target, while the concentrations in the BFD sample 03-BDA-002-QC15 did not exceed.
- Lead in parent sample 03-BDA-002-SP190 did not exceed the Remedial Target, while the concentration in the BFD sample 03-BDA-002-QC19 did exceed.
- Copper in parent sample 03-BDA-002-SP200 did not exceed the Remedial Target, while the concentration in the BFD sample 03-BDA-002-QC20 did exceed.
- Lead in parent sample 03-BDA-002-SP250 exceeded the Remedial Target, while the concentration in BFD 03-BDA-002-QC25 did not exceed.
- Lead in parent sample 03-BDA-002-SP270 did not exceed the Remedial Target, while the concentrations in the BFD sample 03-BDA-002-QC27 did exceed.

In these cases, the concentrations exceeding the applied guidelines were deemed representative of the sample locations in question and were used in remedial decision-making. Overall, the observed exceedances of the acceptable RPDs do not affect the interpretation of the analytical results.

The results of the Trip Blank analysis are presented in Table C3a, Appendix C. Concentrations were below the RDL for the parameters analyzed.

Overall, Nunami Stantec considers the quality of the analytical data acceptable.

APPENDIX B

PHOTOGRAPHIC LOG

Stantec

Photographic Log

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 1 **Photo Location:** NHW Facility **Direction:** S **Survey Date:** 8/9/2024 **Comments:** Aerial view of waste placement and berm construction at the NHW Facility.	
Photograph ID: 2 **Photo Location:** NHW Facility **Direction:** SW **Survey Date:** 8/18/2024 **Comments:** Aerial view of an intermediate fill layer being placed and compacted in the NHW Facility.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 3

Photo Location:
NHW Facility

Direction:
SW

Survey Date:
9/8/2024

Comments:
Excavation of key-in trench prior to placement of geotextile and geomembrane liners at the NHW Facility.

Photograph ID: 4

Photo Location:
NHW Facility

Direction:
N

Survey Date:
9/21/2024

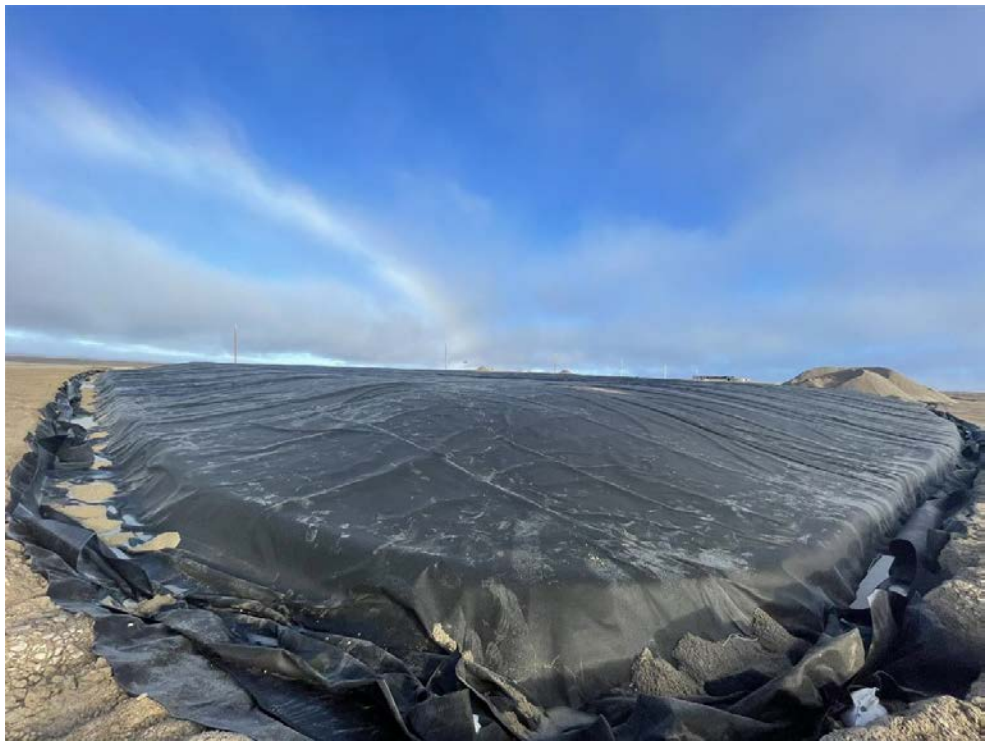
Comments:
Spreading and levelling Type 2 material layer during landfill capping. Third-party surveyor can be seen verifying elevations.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 5	
Photo Location: NHW Facility	
Direction: N	
Survey Date: 9/7/2024	
Comments: View of completed Type 2 layer prior to the placement of geotextile and geomembrane liners at the NHW Facility.	

Photograph ID: 6	
Photo Location: NHW Facility	
Direction: W	
Survey Date: 9/10/2024	
Comments: View of geomembrane liner placement during construction of the NHW Facility cap.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 7 **Photo Location:** NHW Facility **Direction:** N **Survey Date:** 9/12/2024 **Comments:** View of completed geomembrane liner at the NHW Facility.	
Photograph ID: 8 **Photo Location:** NHW Facility **Direction:** SW **Survey Date:** 9/19/2024 **Comments:** Aerial view of Type 4 placement during construction of the NHW Facility cap.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 9 **Photo Location:** NHW Facility **Direction:** N **Survey Date:** 9/24/2024 **Comments:** Placement of final layer of Type 3 material during capping of the NHW Facility.	
Photograph ID: 10 **Photo Location:** NHW Facility **Direction:** SW **Survey Date:** 9/24/2024 **Comments:** Aerial view of the NHW Facility during placement of the final Type 3 material layer.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 11

Photo Location:
NHW Facility

Direction:
NW

Survey Date:
9/27/2024

Comments:
Excavation of NHW Facility perimeter ditch in progress.

Photograph ID: 12

Photo Location:
NHW Facility

Direction:
SW

Survey Date:
9/28/2024

Comments:
Aerial view of the NHW Facility during construction of the perimeter ditch.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 13 **Photo Location:** NHW Facility **Direction:** W **Survey Date:** 10/13/2024 **Comments:** Aerial view of completed NHW facility.	
Photograph ID: 14 **Photo Location:** NHW Facility **Direction:** NW **Survey Date:** 10/5/2024 **Comments:** View of protective steel well casing and lock installed at monitoring well 03-NHWF-MW01.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 15 **Photo Location:** NHW Facility **Direction:** W **Survey Date:** 7/15/2024 **Comments:** Installation of permanent survey control monument near the NHW Facility. Monument was installed using a drill rig supplied by Canadrill Ltd.	
Photograph ID: 16 **Photo Location:** NHW Facility **Direction:** S **Survey Date:** 10/5/2024 **Comments:** View of permanent survey control monument near the NHW Facility.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 17 **Photo Location:** AEC 1 **Direction:** W **Survey Date:** 8/11/2024 **Comments:** View of backfilled 01-BDA-001.	
Photograph ID: 18 **Photo Location:** AEC 1 **Direction:** W **Survey Date:** 10/13/2024 **Comments:** Aerial view of AEC 1 following completion of remediation work.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 19 **Photo Location:** AEC 2 **Direction:** W **Survey Date:** 8/1/2024 **Comments:** View of stained surficial soil excavations 02-SO-001 and 02-SO-002. Contractor packaging barrels for off-site disposal in background.	
Photograph ID: 20 **Photo Location:** AEC 2 **Direction:** N/A **Survey Date:** 8/22/2024 **Comments:** Aerial view of barrels strapped on pallets for future off-site disposal.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 21 **Photo Location:** AEC 2 **Direction:** N **Survey Date:** 7/11/2024 **Comments:** Excavation of a stained surficial soil area in AEC 2.	
Photograph ID: 22 **Photo Location:** AEC 2 **Direction:** S **Survey Date:** 8/4/2024 **Comments:** Contractor preparing a batch of barrel contents for incineration in the HMPA.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 23 **Photo Location:** AEC 2 **Direction:** S **Survey Date:** 7/2/2024 **Comments:** Incineration of barrel contents in progress in the HMPA.	
Photograph ID: 24 **Photo Location:** AEC 2 **Direction:** N **Survey Date:** 6/24/2024 **Comments:** Empty and cleaned barrels strapped on a trailer for transport to the NHW Facility for crushing and disposal.	

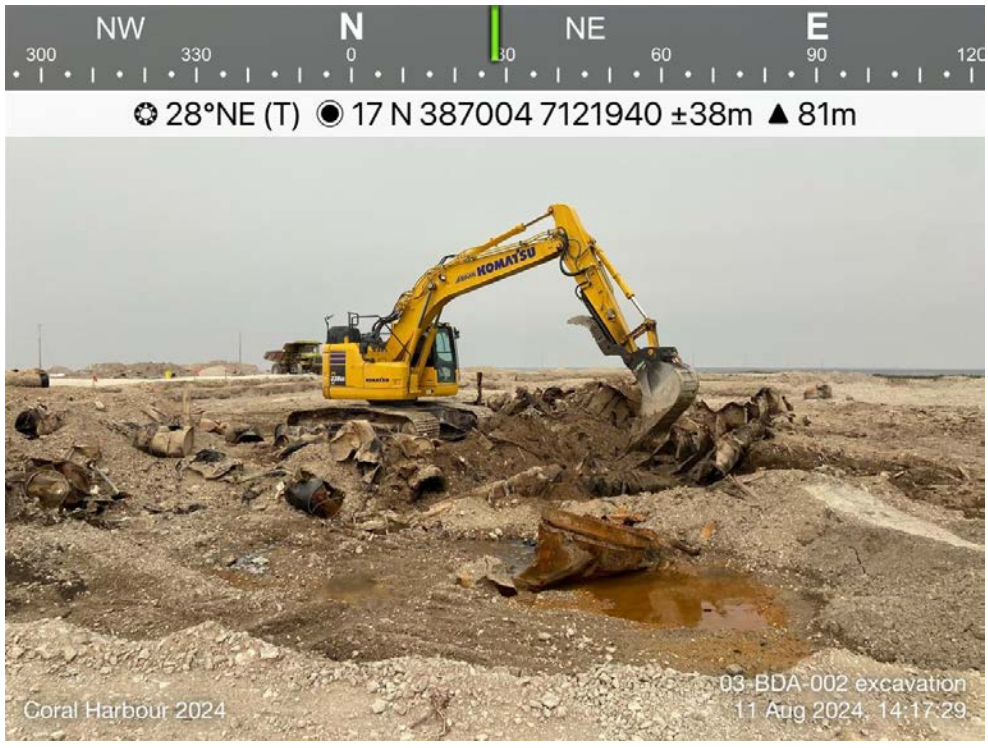
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 25 **Photo Location:** AEC 2 **Direction:** SW **Survey Date:** 9/22/2024 **Comments:** Dented barrels loaded into a sea container for future off-site transport and disposal.	
Photograph ID: 26 **Photo Location:** AEC 2 **Direction:** SE **Survey Date:** 8/27/2024 **Comments:** HMPA decommissioning in progress. Batch tanks have been removed, cleaned, and disposed of.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 27 **Photo Location:** AEC 2 **Direction:** N **Survey Date:** 8/28/2024 **Comments:** HMPA decommissioning in progress. Incinerators are being disconnected. A stained surficial soil area is marked for future excavation in the foreground.	
Photograph ID: 28 **Photo Location:** AEC 2 **Direction:** E **Survey Date:** 9/22/2024 **Comments:** Totes containing oily water to be sent for off-site disposal.	

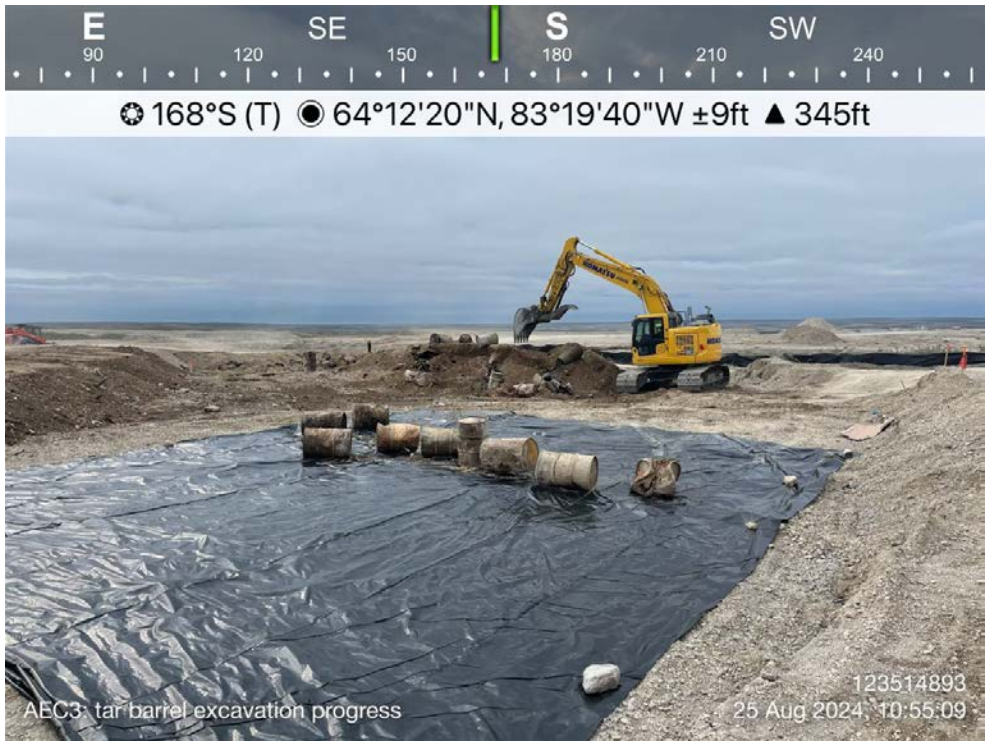
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 29 **Photo Location:** AEC 2 **Direction:** E **Survey Date:** 10/6/2024 **Comments:** View of HMPA area following decommissioning and regrading.	
Photograph ID: 30 **Photo Location:** AEC 3 **Direction:** NE **Survey Date:** 8/11/2024 **Comments:** Excavation of 03-BDA-002 in progress.	

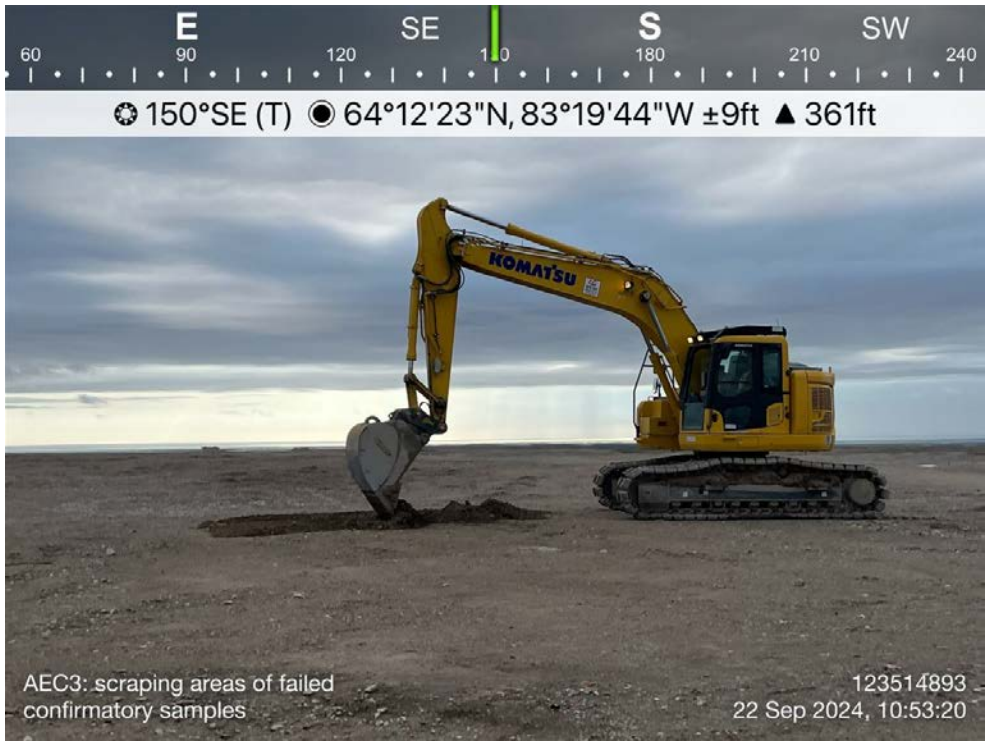
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 31 **Photo Location:** AEC 3 **Direction:** S **Survey Date:** 8/9/2024 **Comments:** Plane engine uncovered during the excavation of 03-BDA-002.	
Photograph ID: 32 **Photo Location:** AEC 3 **Direction:** N/A **Survey Date:** 8/1/2024 **Comments:** Leaked tar material from the tar barrel cache in 03-BDA-002.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 33 **Photo Location:** AEC 3 **Direction:** S **Survey Date:** 8/26/2024 **Comments:** Tar barrels recovered from the tar barrel cache in 03-BDA-002.	
Photograph ID: 34 **Photo Location:** AEC 3 **Direction:** S **Survey Date:** 8/26/2024 **Comments:** Debris frozen above the level of surrounding permafrost in 03-BDA-002.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 35 **Photo Location:** AEC 3 **Direction:** SE **Survey Date:** 9/22/2024 **Comments:** Excavation of exceeding DCC Tier II soil in former BDA stockpile areas.	
Photograph ID: 36 **Photo Location:** AEC 3 **Direction:** W **Survey Date:** 8/22/2024 **Comments:** Excavation of 03-BDA-002 in progress.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 37 **Photo Location:** AEC 3 **Direction:** N/A **Survey Date:** 8/18/2024 **Comments:** Aerial view of BDA excavations in AEC 3, including bagged DCC Tier II soil and soil stockpiles yet to be processed. 03-BDA-002 visible in centre-right, while 03-BDA-003 is visible in upper left (previously backfilled).	
Photograph ID: 38 **Photo Location:** AEC 3 **Direction:** N **Survey Date:** 10/4/2024 **Comments:** View of former soil stockpile area adjacent to 03-BDA-002.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 39 **Photo Location:** AEC 3 **Direction:** NW **Survey Date:** 10/13/2024 **Comments:** Aerial view of AEC 3 following completion of remediation activities.	
Photograph ID: 40 **Photo Location:** AEC 4 **Direction:** N **Survey Date:** 8/3/2024 **Comments:** Excavation of 04-BDA-002 in progress.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

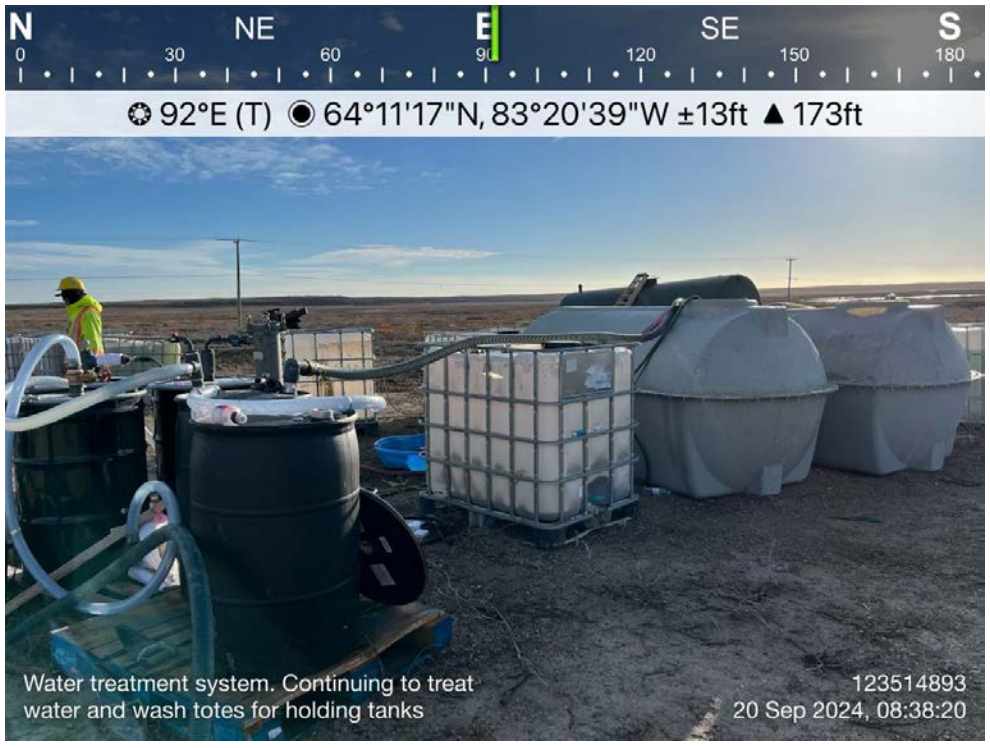
Photograph ID: 41 **Photo Location:** AEC 4 **Direction:** SW **Survey Date:** 9/10/2024 **Comments:** View of backfilled 04-BDA-001.	
Photograph ID: 42 **Photo Location:** AEC 4 **Direction:** SE **Survey Date:** 9/10/2024 **Comments:** View of backfilled 04-BDA-002.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 43 **Photo Location:** AEC 4 **Direction:** W **Survey Date:** 9/10/2024 **Comments:** View of backfilled 04-BDA-003.	
Photograph ID: 44 **Photo Location:** AEC 6 (Concrete Anchors) **Direction:** SW **Survey Date:** 6/15/2024 **Comments:** Excavator equipped with hydraulic breaker breaking up concrete anchors in AEC 6.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

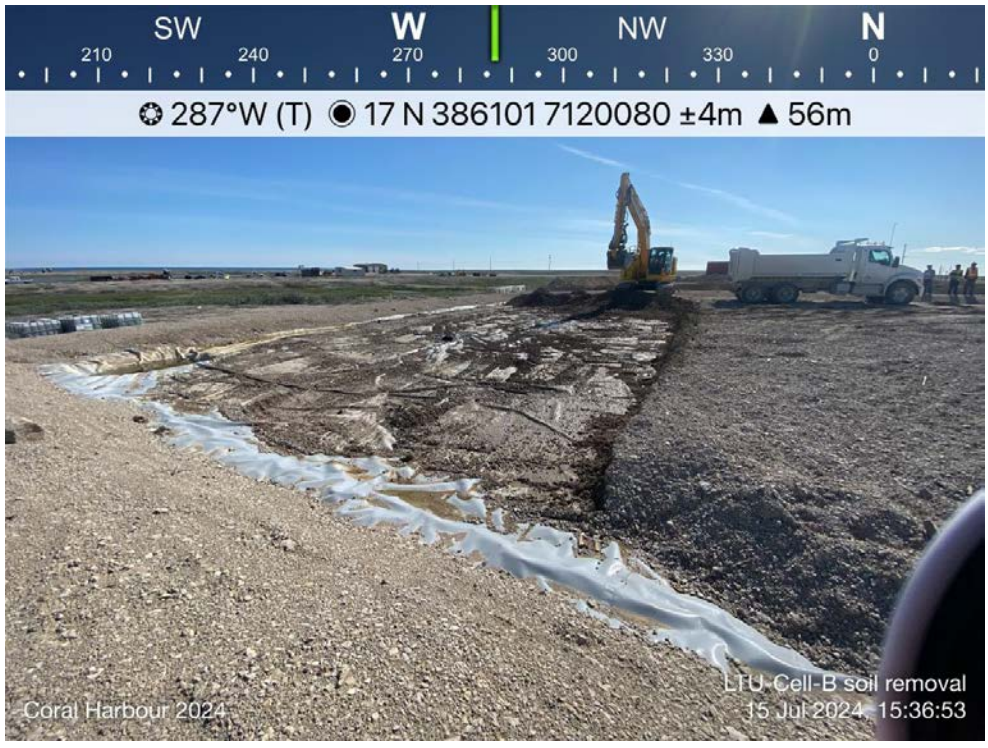
Photograph ID: 45	
Photo Location: AEC 6 (Water Treatment)	
Direction: W	
Survey Date: 9/20/2024	
Comments: Treated and approved LTU contact water being discharged on-site in accordance with the Water Licence.	

Photograph ID: 46	
Photo Location: AEC 6 (Water Treatment)	
Direction: E	
Survey Date: 9/20/2024	
Comments: Process water treatment system in operation.	

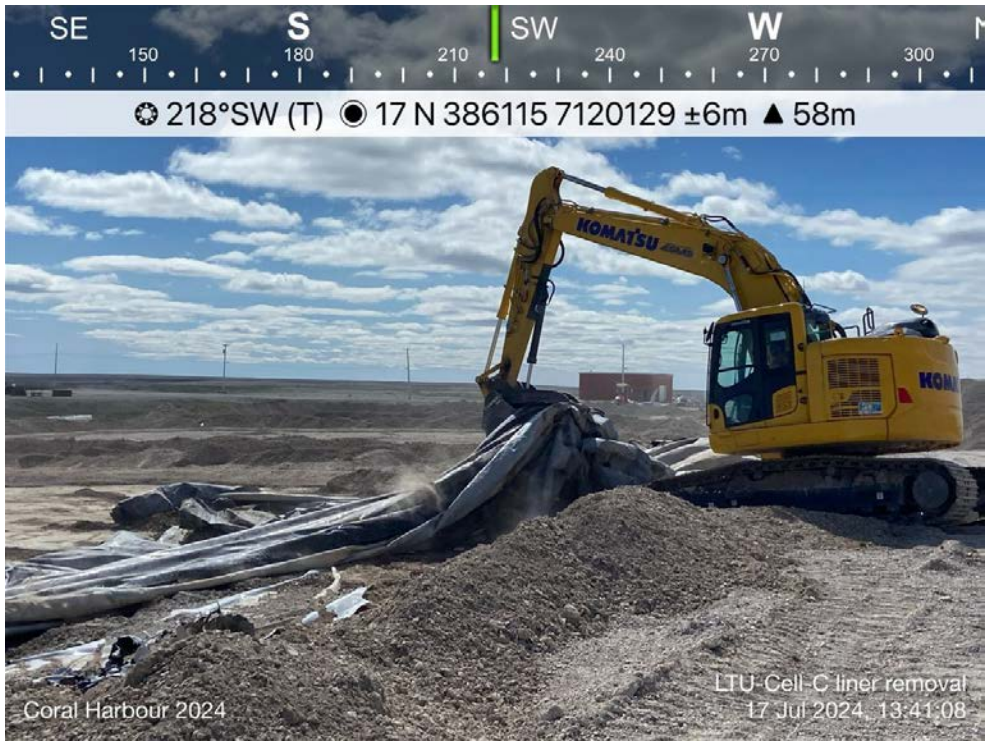
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 47 **Photo Location:** AEC 6 (LTU) **Direction:** S **Survey Date:** 7/12/2024 **Comments:** Dewatering LTU sumps prior to LTU decommissioning. Water pumped to the totes visible in the background.	
Photograph ID: 48 **Photo Location:** AEC 6 (LTU) **Direction:** N/A **Survey Date:** 7/16/2024 **Comments:** PHC sheen on water recovered from LTU sumps, prior to treatment.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 49 **Photo Location:** AEC 6 (LTU) **Direction:** S **Survey Date:** 7/17/2024 **Comments:** Removal of treated soil from LTU treatment cell C.	
Photograph ID: 50 **Photo Location:** AEC 6 (LTU) **Direction:** W **Survey Date:** 7/15/2024 **Comments:** Removal of treated soil from LTU treatment cell B.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 51 **Photo Location:** AEC 6 (LTU) **Direction:** SW **Survey Date:** 7/17/2024 **Comments:** Removal of geomembrane liner during decommissioning of LTU treatment cell C.	
Photograph ID: 52 **Photo Location:** AEC 6 (LTU) **Direction:** W **Survey Date:** 7/15/2024 **Comments:** Removal of geomembrane liner during decommissioning of LTU treatment cell A.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 53 **Photo Location:** AEC 6 (LTU) **Direction:** E **Survey Date:** 9/22/2024 **Comments:** Decommissioning of LTU monitoring well (1 of 3).	
Photograph ID: 54 **Photo Location:** AEC 6 (LTU) **Direction:** S **Survey Date:** 8/15/2024 **Comments:** LTU area following decommissioning. LTU contact water visible in totes in background.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 55

Photo Location:
AEC 6 (Tank Farm)

Direction:
E

Survey Date:
7/5/2024

Comments:
Above-ground pipes in tank farm being emptied prior to decommissioning.

Photograph ID: 56

Photo Location:
AEC 6 (Tank Farm)

Direction:
S

Survey Date:
7/6/2024

Comments:
Excavator equipped with mechanical shears decommissioning a green AST in the tank farm.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 57 **Photo Location:** AEC 6 (Tank Farm) **Direction:** N/A **Survey Date:** 7/9/2024 **Comments:** Sample collected of silver coating material found flaking off the green tank farm ASTs during decommissioning.	
Photograph ID: 58 **Photo Location:** AEC 6 (Tank Farm) **Direction:** N/A **Survey Date:** 7/8/2024 **Comments:** Interior of one of the rust ASTs following cleaning and prior to shearing.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 59

Photo Location:
AEC 6 (Tank Farm)

Direction:
N/A

Survey Date:
7/6/2024

Comments:
Interior of one of the green ASTs following cleaning and prior to shearing.

Photograph ID: 60

Photo Location:
AEC 6 (Tank Farm)

Direction:
S

Survey Date:
7/7/2024

Comments:
Excavator equipped with mechanical shears decommissioning a rust AST in the tank farm.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 61 **Photo Location:** AEC 6 (Tank Farm) **Direction:** NE **Survey Date:** 8/18/2024 **Comments:** Excavation of Type B PHC soil from above tank farm containment area liner.	
Photograph ID: 62 **Photo Location:** AEC 6 (Tank Farm) **Direction:** W **Survey Date:** 8/26/2024 **Comments:** Bagging Type B PHC soil from the tank farm containment area.	

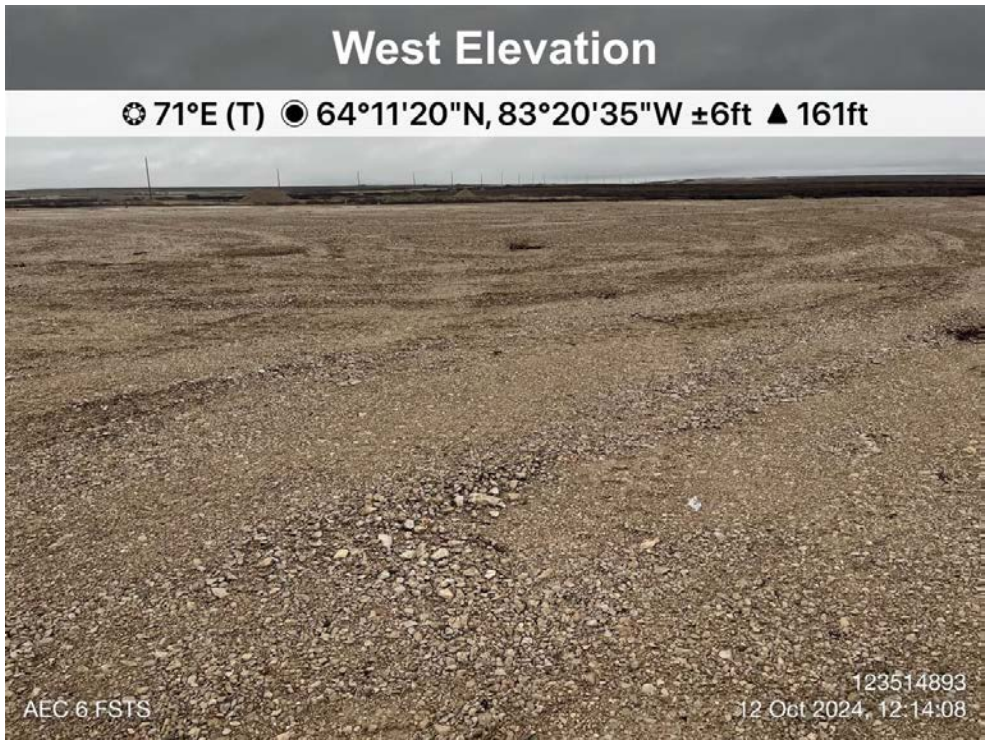
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 63 **Photo Location:** AEC 6 (Tank Farm) **Direction:** NE **Survey Date:** 8/18/2024 **Comments:** Removing tank farm containment area liner during decommissioning.	
Photograph ID: 64 **Photo Location:** AEC 6 (Tank Farm) **Direction:** SW **Survey Date:** 8/25/2024 **Comments:** Exposing buried tank farm pipe to facilitate decommissioning and capping.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 65 **Photo Location:** AEC 6 (Tank Farm) **Direction:** W **Survey Date:** 8/25/2024 **Comments:** Decommissioned sections of buried tank farm pipe prior to disposal.	
Photograph ID: 66 **Photo Location:** AEC 6 (Tank Farm) **Direction:** W **Survey Date:** 8/25/2024 **Comments:** View of capped tank farm pipeline prior to backfill of the area.	

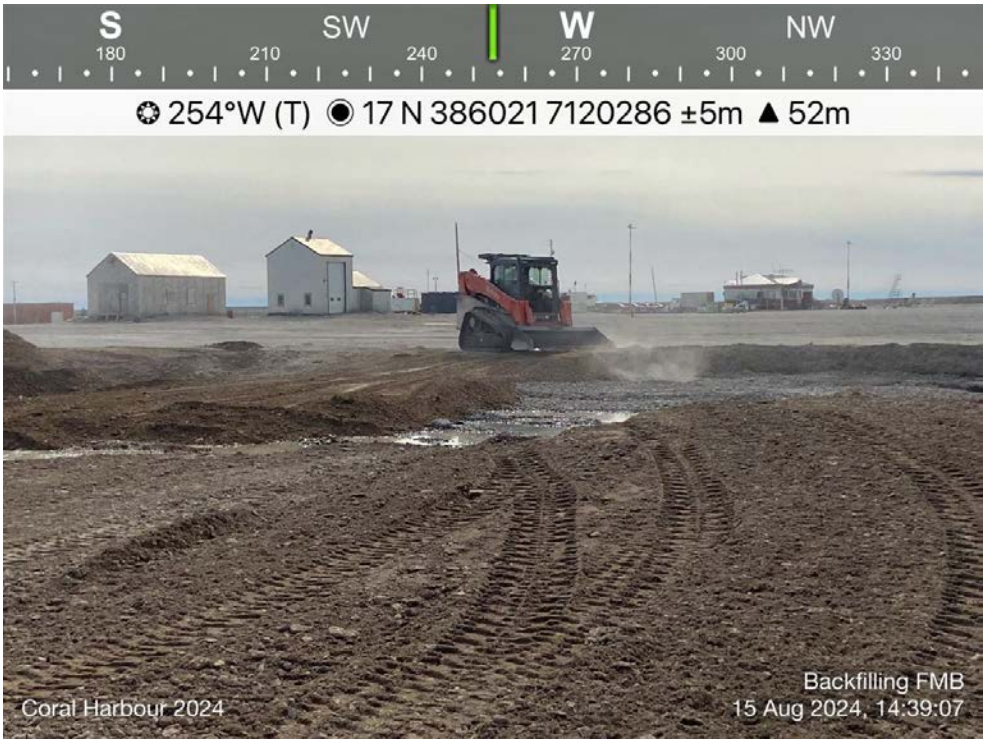
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 67 **Photo Location:** AEC 6 (Tank Farm) **Direction:** E **Survey Date:** 8/18/2024 **Comments:** Aerial view of the AEC 6 tank farm berm being regraded. Stockpiled Type B PHC soil from above previous liner can be observed in bottom of photo.	
Photograph ID: 68 **Photo Location:** AEC 6 (Tank Farm) **Direction:** E **Survey Date:** 10/12/2024 **Comments:** View of tank farm area following decommissioning and regrading.	

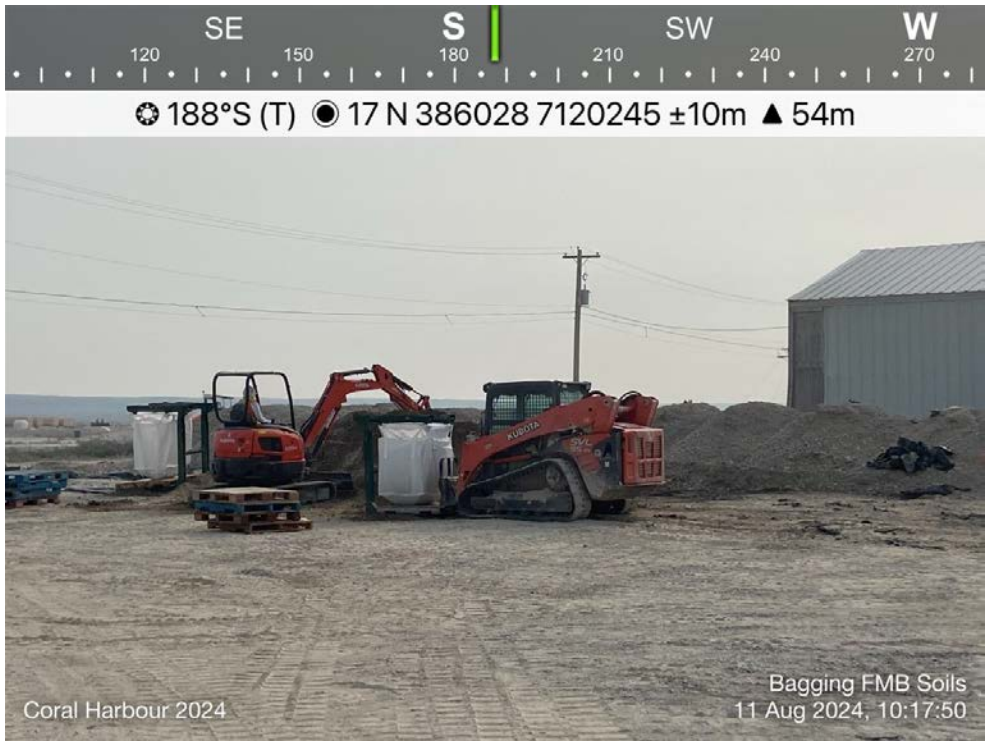
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 69 **Photo Location:** AEC 6 (FMB) **Direction:** W **Survey Date:** 8/10/2024 **Comments:** Excavation of Type B PHC soil from the FMB extra base area.	
Photograph ID: 70 **Photo Location:** AEC 6 (FMB) **Direction:** N **Survey Date:** 8/11/2024 **Comments:** Excavation of Type B PHC soil from the FMB footprint area.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 71 **Photo Location:** AEC 6 (FMB) **Direction:** E **Survey Date:** 8/14/2024 **Comments:** Water accumulation within the northeast wall area of the FMB excavation, prior to backfilling.	
Photograph ID: 72 **Photo Location:** AEC 6 (FMB) **Direction:** W **Survey Date:** 8/15/2024 **Comments:** Backfilling FMB excavation with Type 4 material.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 73 **Photo Location:** AEC 6 (FMB) **Direction:** S **Survey Date:** 8/17/2024 **Comments:** Stockpiles of comingled clean and Type B PHC soil from the FMB excavation.	
Photograph ID: 74 **Photo Location:** AEC 6 (FMB) **Direction:** S **Survey Date:** 8/11/2024 **Comments:** Bagging Type B PHC soil from the FMB excavation for off-site disposal.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 75 **Photo Location:** AEC 6 (FMB) **Direction:** N **Survey Date:** 8/22/2024 **Comments:** Aerial view of bagging Type B PHC soil from the FMB.	
Photograph ID: 76 **Photo Location:** AEC 6 (FMB) **Direction:** NW **Survey Date:** 10/16/2024 **Comments:** Aerial view of Type B PHC soil bagging area. Stockpiles from FMB excavation yet to be bagged are visible (centre-right), as are completed bags (centre).	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 77 **Photo Location:** AEC 6 **Direction:** N/A **Survey Date:** 10/8/2024 **Comments:** Miscellaneous trash/debris loaded in a sea container for off-site transport and disposal.	
Photograph ID: 78 **Photo Location:** AEC 6 **Direction:** S **Survey Date:** 10/8/2024 **Comments:** Horizontal green AST being cleaned and sheared prior to packaging for off-site disposal.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 79 **Photo Location:** AEC 6 **Direction:** SE **Survey Date:** 10/13/2024 **Comments:** Aerial view of east side of AEC 6 following completion of remediation activities. The former tank farm area (bottom-centre) is visible).	
Photograph ID: 80 **Photo Location:** AEC 6 **Direction:** N/A **Survey Date:** 10/13/2024 **Comments:** Aerial view of west side of AEC 6 following completion of remediation activities. The former LTU area (left) and FMB excavation area (centre-right) are both visible.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 81 **Photo Location:** AEC 9 (CIAA) **Direction:** SE **Survey Date:** 8/26/2024 **Comments:** View of miscellaneous metal debris in AEC 9.	
Photograph ID: 82 **Photo Location:** AEC 9 (CIAA) **Direction:** NW **Survey Date:** 8/26/2024 **Comments:** View of culvert debris in AEC 9.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 83 **Photo Location:** AEC 9 (CIAA) **Direction:** E **Survey Date:** 8/26/2024 **Comments:** View of partially buried drums in AEC 9.	
Photograph ID: 84 **Photo Location:** AEC 11 (CIAA) **Direction:** E **Survey Date:** 8/28/2024 **Comments:** View of Fossil Creek Bridge infrastructure in AEC 11.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 85 **Photo Location:** AEC 11 (CIAA) **Direction:** N/A **Survey Date:** 8/26/2024 **Comments:** View of barrel containing hardened tar along the bank of Fossil Creek in AEC 11.	
Photograph ID: 86 **Photo Location:** AEC 11 (CIAA) **Direction:** W **Survey Date:** 8/26/2024 **Comments:** View of metal debris along the bank of Fossil Creek in AEC 11.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 87 **Photo Location:** AEC 12 (CIAA) **Direction:** W **Survey Date:** 8/26/2024 **Comments:** Partially full barrel and soil staining in AEC 12.	
Photograph ID: 88 **Photo Location:** AEC 12 (CIAA) **Direction:** E **Survey Date:** 8/26/2024 **Comments:** Soil staining in AEC 12.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 89

Photo Location:
AEC 12 (CIAA)

Direction:
W

Survey Date:
8/26/2024

Comments:
Partially full barrels in AEC 12.

Photograph ID: 90

Photo Location:
Camp

Direction:
S

Survey Date:
2/7/2024

Comments:
View of camp in winter prior to snow clearing activities.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 91 **Photo Location:** Camp **Direction:** SE **Survey Date:** 2/10/2024 **Comments:** View of camp in winter following snow clearing activities.	
Photograph ID: 92 **Photo Location:** Camp **Direction:** N **Survey Date:** 8/18/2024 **Comments:** Aerial view of the camp during the 2024 operational period.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

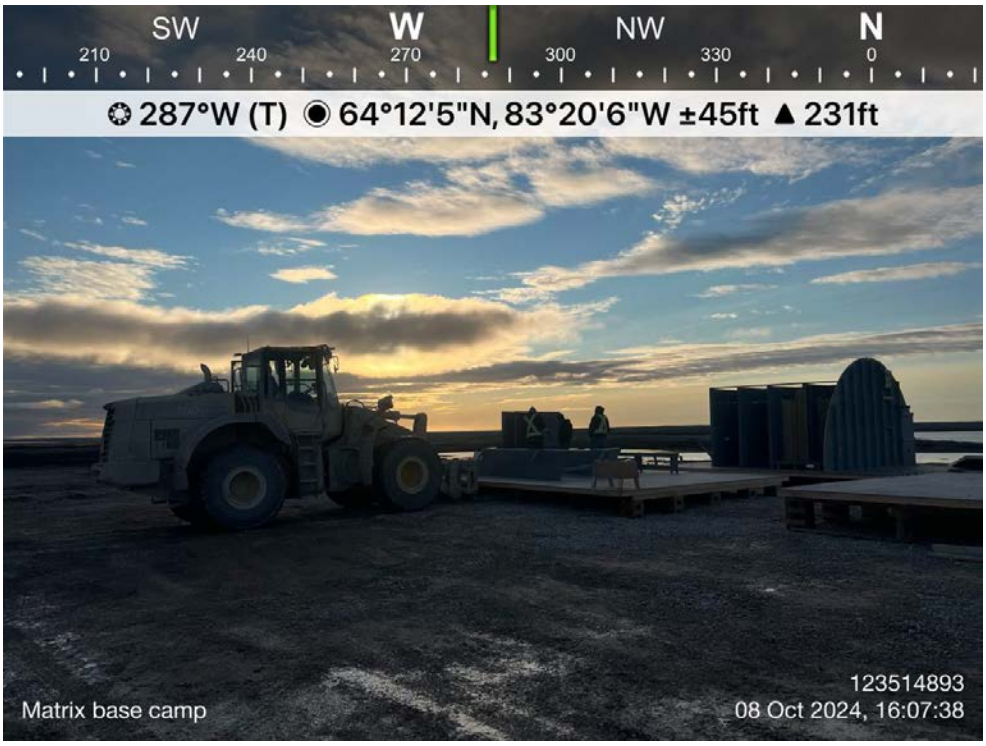
Photograph ID: 93

Photo Location:
Camp

Direction:
W

Survey Date:
10/8/2024

Comments:
View of camp structures being decommissioned.



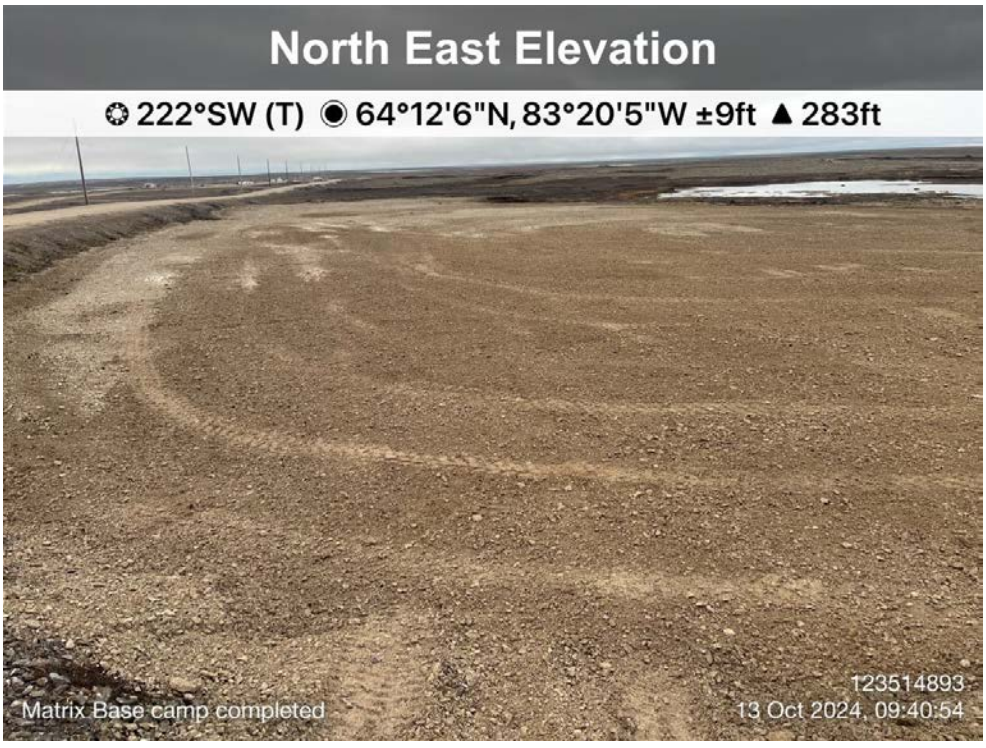
Photograph ID: 94

Photo Location:
Camp

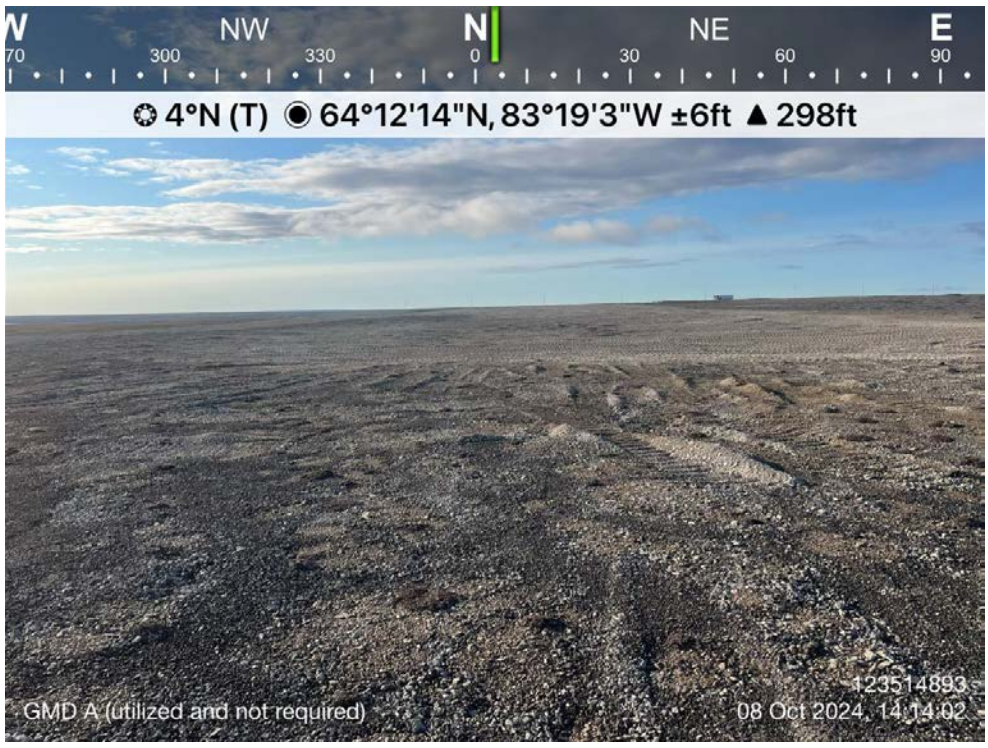
Direction:
SW

Survey Date:
10/13/2024

Comments:
View of camp area following decommissioning.



Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 95 **Photo Location:** Camp **Direction:** S **Survey Date:** 10/13/2024 **Comments:** Aerial view of camp area following decommissioning.	
Photograph ID: 96 **Photo Location:** GMD-A **Direction:** N **Survey Date:** 10/8/2024 **Comments:** View of GMD-A following reclamation of the borrow development area.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 97 **Photo Location:** GMD-B **Direction:** N **Survey Date:** 8/16/2024 **Comments:** View of first of three unearthed generators in GMD-B.	
Photograph ID: 98 **Photo Location:** GMD-B **Direction:** N/A **Survey Date:** 8/16/2024 **Comments:** View of second generator in GMD-B prior to being fully uncovered.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 99 **Photo Location:** GMD-B **Direction:** N **Survey Date:** 8/19/2024 **Comments:** View of three unearthed generators from GMD-B in the NHW Facility prior to being sheared.	
Photograph ID: 100 **Photo Location:** GMD-B **Direction:** S **Survey Date:** 8/18/2024 **Comments:** Aerial view of Type 2 and Type 3 material screening in GMD-B.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 101 **Photo Location:** GMD-B **Direction:** N/A **Survey Date:** 7/29/2024 **Comments:** View of Type 3 material screening in GMD-B.	
Photograph ID: 102 **Photo Location:** GMD-B **Direction:** **Survey Date:** 10/6/2024 **Comments:** View of GMD-B following reclamation of the borrow development area.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 103

Photo Location:
GMD-B

Direction:
N

Survey Date:
10/13/2024

Comments:
Aerial view of GMD-B following reclamation of the borrow development area. The NHW facility is visible in the background.

Photograph ID: 104

Photo Location:
GMD-D

Direction:
N

Survey Date:
7/20/2024

Comments:
View of Type 2 material screening in GMD-D.

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 105 **Photo Location:** GMD-D **Direction:** S **Survey Date:** 7/20/2024 **Comments:** Aerial view of borrow development activities in GMD-D.	
Photograph ID: 106 **Photo Location:** GMD-D **Direction:** N **Survey Date:** 7/20/2024 **Comments:** View of material screening and completed borrow piles in GMD-D.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 107 **Photo Location:** GMD-D **Direction:** S **Survey Date:** 10/7/2024 **Comments:** View of GMD-D following reclamation of the borrow development area.	
Photograph ID: 108 **Photo Location:** GMD-D **Direction:** E **Survey Date:** 10/13/2024 **Comments:** Aerial view of GMD-D following reclamation of the borrow development area.	

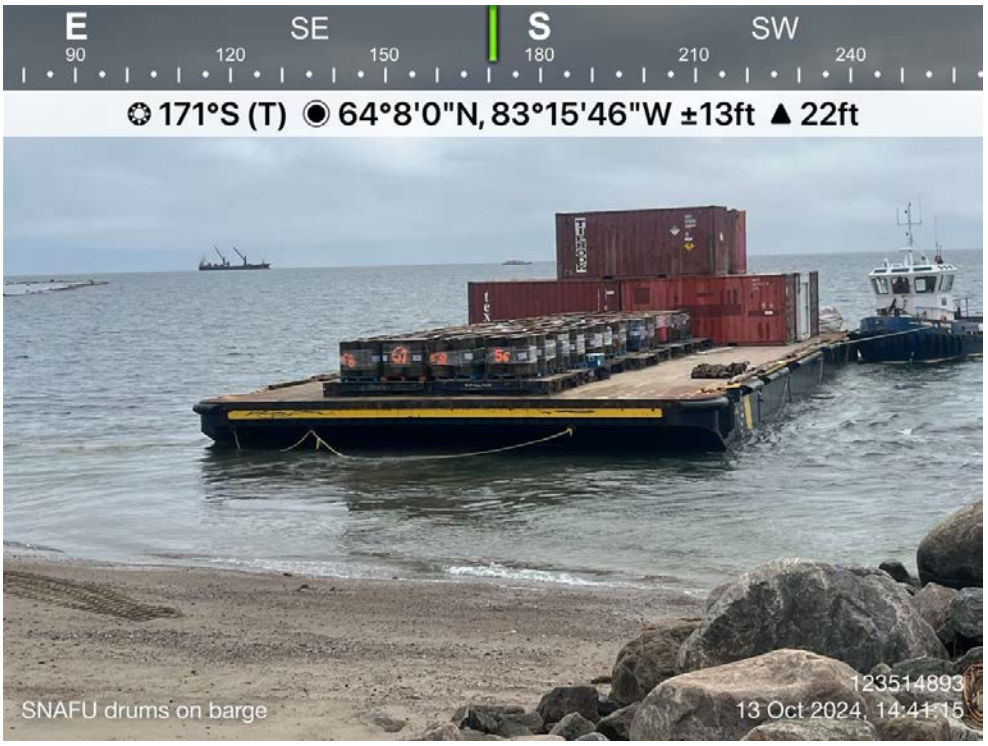
Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 109 **Photo Location:** Barge Landing Area **Direction:** S **Survey Date:** 9/24/2024 **Comments:** View of completed staging pad at the Barge Landing Area.	
Photograph ID: 110 **Photo Location:** Barge Landing Area **Direction:** SW **Survey Date:** 10/12/2024 **Comments:** Aerial view of packaged wastes, equipment, and materials staged for off-site transport at the Barge Landing Area.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 111 **Photo Location:** Barge Landing Area **Direction:** E **Survey Date:** 10/12/2024 **Comments:** View of three incoming sealifts waiting in harbour on October 12, 2024.	
Photograph ID: 112 **Photo Location:** Barge Landing Area **Direction:** SE **Survey Date:** 10/12/2024 **Comments:** Incinerators, material screeners, and other equipment loaded on a barge for off-site transport.	

Client:	**PSPC/CIRNAC**	**Project:**	**Coral Harbour Remediation Project - 123514893**
Site Name:	**2024 Annual Remediation Report**	**Site Location:**	**Coral Harbour, NU**

Photograph ID: 113 **Photo Location:** Barge Landing Area **Direction:** S **Survey Date:** 10/13/2024 **Comments:** Packaged barrels and materials/equipment in sea containers loaded on a barge for off-site transport.	
Photograph ID: 114 **Photo Location:** Barge Landing Area **Direction:** SE **Survey Date:** 10/12/2024 **Comments:** Type B PHC soil bags being loaded onto barge for off-site transport and disposal.