



Nunavut Regional Office
P.O. BOX 2200
Iqaluit, NU X0A 0H0

April 16, 2021

Mr. Richard Dwyer,
Manager of Licensing
P.O. BOX 119
Gjoa Haven, NU X0B 1J0

RE: BAF-5 Resolution Island Remediation Project: 2020 Annual Report for Water Licence 1BR-RES1626

Dear Mr. Dwyer,

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), on behalf of the Government of Canada, is the custodian of BAF-5 Resolution Island for which Water Licence 1BR-RES1626 applies.

According to Condition 1 PART B – “The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than the 31st of March of the year following the calendar year being reported [...]”. Please find enclosed the Annual Report for the BAF-5 Resolution Island Remediation Project for the year 2020.

If you have any questions, please contact the Project Manager, Rachel Theoret-Gosselin at Rachel.theoret-gosselin@canada.ca, or by telephone at (867) 222-0891.

Sincerely,

Charlotte Lamontagne
Director, Contaminated Sites
Crown-Indigenous Relations and Northern Affairs Canada
Nunavut Regional Office



NWB Annual Report

Year being reported:

Select ▼

2020

License No: 1BR-RES1626

Issued Date: December 12, 2016

Expiry Date: December 11, 2026

Project Name: Resolution Island Long Term Monitoring

Licensee: Crown-Indigenous Relations and Northern Affairs Canada

Mailing Address:

969 Qimigjuk Building
PO 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):

N/A

General Background Information on the Project (*optional):

The former BAF-5 Resolution Island Pole Vault Line Site is located 320 km southeast of Iqaluit at the mouth of Frobisher Bay. The facility was constructed in 1953 and abandoned in 1972.

Remediation of the site was completed in 2005 and a long term monitoring program was initiated. In 2013, 2014 and 2016, maintenance and supplementary assessments were completed to provide additional information to prepare the design and specifications for follow up remedial work at the site planned for 2018 and 2019. Due to inclement weather, the final demobilization could not be completed in 2019 and had to be completed in 2020.

Licence Requirements: the licensee must provide the following information in accordance 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):	New Freshwater Lake	
Water Quantity:	5 per day	Quantity Allowable Domestic (cu.m)
	0	Actual Quantity Used Domestic (cu.m)
	5 per day	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:

All waste generated during final demobilization was containerized and transported off-site.

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

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

N/A

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed



Additional Details:

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed



Additional Details:

Progressive Reclamation Work Undertaken

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

The final year of the remediation project consisted in final demobilization of all equipment and waste left on site (camp and waste fuel, the decommissioned fuel tanks, and a loader) and final inspection. Final demobilization occurred from July 27 to July 28, 2020 and final inspection occurred on August 4, 2020. Project activities conducted in 2020-2021 included:

- ▶ Final grading of Temporary Storage Area (TSA);
- ▶ Demobilization of all equipment and materials via searift;
- ▶ Transport and final disposal of all wastes to approved disposal facility;
- ▶ Final site inspection by Departmental Representative.

The year 2020-2021 marked the closure of the site, as such, there is no plan for future remediation work on site. An Operation, Maintenance and Surveillance (OMS) plan was developed to ensure proper monitoring and maintenance of the remaining features on site and will replace the current Long Term Monitoring

remaining features on site and will replaced the current Long Term Monitoring Plan.

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:

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

Not Applicable (N/A)



Additional Details:

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)

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)

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)

Any additional comments or information for the Board to consider

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Date Submitted:

April 20th, 2021

Submitted/Prepared by:

Rachel Theoret-Gosselin

Contact Information:**Tel:** 867-222-0891**Fax:** 867-975-4560**email:** rachel.theoret-gosselin@canada.ca

GPS Coordinates for water sources utilized

[illegible]

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Camp sewage lagoon	68	28	70.15	41	22	48.95
Temporary storage area for soil	61	35	00.1	64	38	50.3
Temporary storage area for soil	61	34	59.8	64	38	50.9
Temporary storage area for soil	61	35	00.4	64	38	51.7
Temporary storage area for soil	61	35	00.7	64	38	51.2
Discharge point for beach tank secondary containment water	51	34	57.6	64	38	39.0