

NWB Annual Report

Year being reported: 2022

License No: 1BR-ROS1727

Issued Date: September 11, 2017

Expiry Date: September 10, 2027

Project Name: PIN-D Ross Point Long Term Monitoring

Licensee: Crown-Indigenous Relations and Northern Affairs Canada
(CIRNAC) Contaminated SitesMailing Address: PO Box 2200
Iqaluit NU
X0A 0H0Name 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 PIN-D Ross Point Intermediate Distant Early Warning (DEW) Line Site was constructed in 1959, and subsequently deactivated in 1963. The nearest communities are Kugluktuk, located approximately 185 kilometres to the southwest, and Cambridge Bay, located approximately 250 kilometres to the east.

The remediation of the PIN-D Ross Point Remediation Project was successfully completed in 2012. A non-hazardous waste landfill (NHWL) was constructed to contain non-hazardous waste and is the only structure remaining on site.

As per departmental commitments to monitor the NHWL post-closure, a 25-year long term monitoring (LTM) program was initiated at PIN-D in August 2013 and includes visual inspection, groundwater sampling, soil sampling (as required), and natural environment monitoring. Refer to the *PIN-D Ross Point Long Term Monitoring Plan* (2013) for additional information.

Years 1, 3, 5 7 and 10 of the LTM Plan took place in 2013, 2015, 2017, 2019 and 2022 respectively. Future LTM events are scheduled for 2027, and 2037 (Years 15 and 25, respectively) .

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):	Monitoring Wells at NHL (See GPS Coordinates Page)		
Water Quantity:	1/day	Quantity Allowable Domestic (cu.m)	
	<0.05	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:

CIRNAC was onsite on August 4th, 2022. All four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-4) were sampled, with a blind field duplicate also collected from MW-1. No surface water or soil samples were collected as ponding or seepage was not observed.

Monitoring activities were conducted within a single day and were based out of Kugluktuk, NU so no camp was required. Solid wastes (packaging, paper towels, paper, kimwipes, filters, Teflon tubing) generated (< 0.5 m3) were collected and removed from the site at the completion of monitoring activities.

Refer to the *PIN-D Ross Point Long Term Monitoring Plan* (2013) and the PIN-D Ross Point 2022 LTM Report for details.

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

Spill No.:	No spills	(as reported to the Spill Hot-line)
Date of Spill:	<input type="text"/>	
Date of Notification to an Inspector:	<input type="text"/>	
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)		
<input type="text"/>		

Revisions to the Spill Contingency Plan

Other: (see additional details)	▼
Additional Details:	
A General LTM Spill Plan was submitted to the Nunavut Water Board on November 2, 2018 for their consideration.	

Revisions to the Abandonment and Restoration Plan

N/A - not applicable ▼

Additional Details:

Progressive Reclamation Work Undertaken

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

No progressive reclamation work was undertaken in 2022.

As per the *PIN-D Ross Point Long Term Monitoring Plan* (2013), future long term monitoring events are scheduled for 2027, and 2037 (Years 15 and 25, respectively).

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;

Details attached ▼

Additional Details:

Additional details regarding water sources can be found in the *PIN-D Ross Point Long Term Monitoring Plan* (2013).

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:

Remediation was completed in 2012 and the only structure remaining on site is the NHWL. No waste was deposited on site in 2022. Any solid waste generated is removed from site at the completion of monitoring activities.

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

Physical observations of the NHWL and results of groundwater chemical analysis conducted during the last LTM event (2022) indicate that the NHWL at PIN-D is in acceptable condition, is performing as designed, and is containing the enclosed waste.

Date Submitted:

March 23, 2023

Submitted/Prepared by:

Selma Al-Soweydawi, Contaminants Specialist

Contact Information:
Tel: 867-975-4732

Fax: 867-975-4560

email: selma.al-soweydawi@rcaanc-cirnac.gc.ca