

NWB Annual Report

Year being reported: 2018

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 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 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, and 5 of the LTM Plan took place in 2013, 2015, and 2017 respectively. Future LTM events are scheduled for 2019 (or 2020), 2022,

**Licence Requirements: the licensee must provide the following information in accordance with**

Part B	▼	Item 1	▼
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**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 NHWL (See GPS Coordinates Page)		
Water Quantity:	1/day	Quantity Allowable Domestic (cu.m)	
	0	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:

Refer to the *PIN-D Ross Point Long Term Monitoring Plan (2013)* and the *PIN-D Ross Point 2017 LTM Report* for details.

CIRNAC was not onsite in 2018. Thus, no water samples were collected and no solid waste was generated in 2018.

**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)

**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 2018.

As per the *PIN-D Ross Point Long Term Monitoring Plan* (2013), future long term monitoring events are scheduled for 2019, 2022, 2027, and 2037.

**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 2018. Any solid waste generated was 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 (2017) indicate that the NHWL at PIN-D is in acceptable condition, is performing as designed, and is containing the enclosed waste.

**Date Submitted:**

November 20, 2018

**Submitted/Prepared by:**

Jean Allen, Contaminants Specialist, CIRNAC

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### GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min ,	Sec "	Deg °	Min ,	Sec "
Non-Hazardous Landfill Monitoring Wells (MW) :						
MW1	68	35	43.45	111	6	53.11
MW2	68	35	39.77	111	6	41.92
MW3	68	35	44.19	111	6	46.43
MW4	68	35	44.78	111	6	42.71

### GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	Deg °	Min ,	Sec "	Deg °	Min ,	Sec "
N/A						