

NWB Annual Report

Year being reported: 2015

License No: 1BR-ROS1116 Issued Date: August 22, 2011
 Expiry Date: August 31, 2016

Project Name: PIN-D Ross Point Remediation Project

Licensee: Indigenous and Northern Affairs Canada (INAC)

Mailing 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 Ross Point site was reserved by the Department of National Defence (DND) in 1956 and the PIN-D 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. As per departmental commitments to monitor the landfill post-closure, a long term monitoring program was initiated at PIN-D in August 2013. Year 1 and Year 3 of the 25-Year Long Term Monitoring Plan were completed in August 2013 and July 2015 respectively.

Long term monitoring activities undertaken at the site on July 22, 2015 included visual and natural environment monitoring and groundwater sampling. The attached report *Long term Monitoring, 2015 PIN-D, Ross Point, Nunavut* provides more details and

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 Non-Hazardous Landfill (See GPS Coordinates Page)	
Water Quantity:	5 per annum	Quantity Allowable Domestic (cu.m)
	<0.05	Actual Quantity Used Domestic (cu.m)

N/A	Quantity Allowable Drilling (cu.m)
N/A	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

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

Additional Details:

Only two of the four wells (MW-1 and MW-2) were sampled because there was insufficient water available for sampling the remaining wells. Sampling locations were selected as described in *PIN-D Ross Point Long-Term Monitoring Plan* and were the same as those sampled during the previous year's monitoring events.

No sewage or grey water were generated during the 2015 long term monitoring event. Solid wastes generated during the monitoring event (< 0.5 m³) were collected and removed from the site at the completion of monitoring activities.

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

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)

WORK COMPLETED

- Long term monitoring was initiated in August 2013
- Years 1 and 3 of the 25-year long term monitoring program occurred in August 2013 and July 2015 respectively.
- In 2015, two groundwater wells were sampled for chemical analysis (MW-1 and MW-2); the remaining wells were purged dry and sampling was not possible

FUTURE WORK PROPOSED

Long Term Monitoring

- Started in 2013, continues until 2037
- Year 5 of the 25 year Long Term Monitoring Plan is scheduled for 2017
- Future events will occur in 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:

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)

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

No inspection and/or compliance report issued by INAC	▼
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Additional Details: (Dates of Report, Follow-up by the Licensee)

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Any additional comments or information for the Board to consider

Based on systematic visual observations and measurements, supported with photographic documentation, it was determined that the NHWL is in excellent condition, is performing as designed, and is containing the enclosed waste.
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Date Submitted:

March 31, 2016

Submitted/Prepared by:

Lilianne Kydd

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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						