

NWB Annual Report

Year being reported: 2016

License No: 1BR-CLI0914 Issued Date: June 17, 2009
 Expiry Date: May 31, 2014

Project Name: PIN-B Clifton Point Long Term Monitoring

Licensee: Indigenous and Northern Affairs Canada (INAC) Contaminated Sites

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):

General Background Information on the Project (*optional):

PIN-B Clifton Point is located on the coast of Amundsen Gulf (Beaufort Sea) in Nunavut. The nearest communities are Paulatuk, Northwest Territories (NT), about 220 km to the northwest, and Kugluktuk, Nunavut about 220 km to the southeast. The site is situated about 1 km inland from the coast. PIN-B was an Intermediate DEW Line Site constructed in 1957 and subsequently closed and abandoned in 1963.

Remediation works were conducted at the site between 2009 and 2010, including consolidation and off-site disposal of hazardous soils and materials, demolition of buildings and structures, excavation and consolidation of wastes from various historical dumps and clean-up of other site debris. All of the non-hazardous wastes were placed in a non-hazardous waste landfill (NHWL) constructed on-site for that purpose. The NHWL was constructed and operated at the site between 2009 and 2010. The NHWL was closed in 2010.

As per departmental commitments to monitor the NHWL post-closure, a 25-year long term monitoring program was initiated at PIN-B in August 2011 and includes visual inspections, groundwater sampling, and natural environment monitoring.

Years 1, 3, and 5 of the LTM program were completed in August 2011, August 2013, and July 2015. Year 7 of the LTM program is scheduled for August 2017. Future events will occur in 2020, 2025, and 2035.

INAC was not at the PIN-B site in 2016.

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:	20/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:

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Additional Details:

Additional information is provided in the *PIN-B Clifton Point Long Term Monitoring Plan* (2011).

INAC was not onsite in 2016. Thus, no water samples were collected and no solid waste was generated in 2016

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

Spill No.:	None	(as reported to the Spill Hot-line)
Date of Spill:	None	
Date of Notification to an Inspector:	N/A	
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	▼
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Additional Details:

N/A

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed

Additional Details:

N/A

Progressive Reclamation Work Undertaken

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

No progressive reclamation work was undertaken in 2016.

As per the long term monitoring plan (2011), future long term monitoring events are scheduled for 2017, 2020, 2025, and 2035.

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:

Additonal details regarding water sources can be found in the *PIN-B Clifton Point Long Term Monitoring Plan* (2011).

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:

Wastes are backhauled off-site to a municipal landfill.

No waste was generated or deposited in 2016.

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)

The last inspection conducted at PIN-B was in 2010. The 2010 Inspection Report is available on the NWB ftp site. The majority of issues were identified during remediation and no issues remain applicable to post-remediation monitoring activities.

Any additional comments or information for the Board to consider

Physical observations of the conducted during previous LTM events indicate that the NHL at PIN-B is in acceptable condition, is performing as designed, and is containing the enclosed waste.

Date Submitted:

March 20, 2017

Submitted/Prepared by:

Jean Allen, A/Contaminants Specialist, INAC

Contact Information:

Tel: 867-975-4732

Fax: 867-975-4560

email: jean.allen@aandc-aadnc.gc.ca

GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min '	Sec "	Deg °	Min '	Sec "
MW-1	70	31	32.19	68	18	19.87
MW-2	70	31	34.97	68	18	11.64
MW-3	70	31	32.53	68	18	7.952
MW-4	70	31	29.87	68	18	12.88

GPS Locations of areas of waste disposal

[illegible]