



National Defence

National Defence Headquarters
Ottawa, Ontario
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Défense nationale

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

26 April 2018

To: Nunavut Water Board, Licensing Department

Re: Long Term Monitoring Reports for DEW Line Sites

Pursuant to Section 14.1 of the *Nunavut Water Regulations (SOR/2013-69)*, the Department of National Defence is providing the Nunavut Water Board with this package which fulfills the obligations to provide annual reports for each of the DEW Line sites located in Nunavut that are monitored by DND.

As you are aware, the DND DEW Line sites are now in the Long Term Monitoring Phase of remediation. The current agreement between DND and NTI has the monitoring structured as follows:

- Phase I (years 1 to 5 post construction);
- Phase II (years 7, 10, 15, and 25 post construction); and,
- Phase III (yet to be determined).

The reports generated by the monitoring contractors for the 2017 field season are enclosed on a DVD. Please note that for those sites where no activity occurred in 2017, no monitoring report will be submitted to the NWB.

An updated spill contingency plan for the DYE-M site has also been enclosed on the DVD, as per the requirements of water use licence 1BR-DYE-1623.

A summary of the long term monitoring activities that took place in 2017 and relevant reporting obligations to the NWB are summarized in Table 1 below.

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Table 1. Summary of Long Term Monitoring Fulfilling the Obligation for Annual Reporting Under Section 14.1 of the Nunavut Waters Regulations (SOR/2013-69)

	PIN-4 / 1BR-BYR1320	CAM-5 / 1BR-MAC1323	FOX-M / 1BR-HAL1533	DYE-M / 1BR-DYE1623		PIN-2 / 1BR-CAP1623	PIN-3 / 1BR-FRA1730	CAM-M / NWBSCAM0520	CAM-1 / 1BR-JEN1323	CAM-2 / 1BR-GLA1531	CAM-3 / 1BR-SHE1733	CAM-4 / 1BR-PEL1016	FOX-2 / 1BR-LON1422	FOX-3 / 1BR-FOD1320	FOX-4 / 1BR-FOX1523	FOX-5 / 1BR-QIK1320
2017 Monitoring Year	5	7	10	4		Not monitored in 2017										
Summary of Water Used On Site	< 1 m ³ of groundwater sampled at each site; no other water use					Not applicable										
Unauthorized Discharges	None															
Spill Contingency Plan Revisions	No	No	No	Yes												
Abandonment and Restoration Plan Revisions	None															
Reclamation Work Undertaken	None															
Results of Monitoring Program	See monitoring reports															
GPS Coordinates and Volume of Water Taken	See monitoring reports															
GPS Coordinates and Waste Deposited	None															
Any Other Details on Water Use or Waste Disposal	None															
Any Responses or Follow Up Actions on Inspections / Compliance Reports	None															
Any Additional Comments or Information for the Board to Consider	None															

Should you have any questions regarding these reports or this summary table, please do not hesitate to contact me at alison.street@forces.gc.ca or at (613) 995-8603.

Regards,



Alison Street, P.Eng.
Project Engineer, DEW Line Clean-Up and Long Term Monitoring, DND

Enclosed DVD: PIN-4 2017 Monitoring Report and Photos (1BR-BYR1320)
CAM-5 2017 Monitoring Report and Photos (1BR-MAC1323)
FOX-M 2017 Monitoring Report and Photos (1BR-HAL1533)
DYE-M 2017 Monitoring Report and Photos (1BR-DYE1623)
DYE-M Updated Spill Response Plan (1BR-DYE1623)