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**Subject:** MV2016L8-0003 MV2016X0011 - INAC - CARD - Tundra Mine - 2nd Round Information Requests  
**Date:** Friday, July 29, 2016 10:19:13 AM  
**Attachments:** [MV2016L8-0003 and MV2016X0011 - INAC-CARD - Tundra - 2nd Round Informati...pdf](#)

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Good morning,

Please find the attached document relating to the above noted subject.

If you have any questions please feel free to contact me.

Regards,

Tyree

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## INFORMATION REQUESTS

**Indigenous and Northern Affairs Canada – Contaminants and Remediation Division  
 (INAC-CARD) – Tundra Mine Remediation Project**

All responses to the following Information Requests are to be submitted to Mackenzie Valley Land and Water Board (MVLWB) staff Shannon Allerston ([sallerston@mvlwb.com](mailto:sallerston@mvlwb.com)) by **5pm August 8, 2016**.

#	Topic	Information Request	Party to Respond
1.	Compliance Point post drainage between Mill Pond and Hambone Lake re-established	Should INAC-CARD wish to seek the authorization of the Board to re-establish flow between Mill Pond and Hambone Lake and/or deactivate the TCA water treatment facility under MV2016L8-0003, Board staff recommend that INAC-CARD propose an appropriate compliance point(s) with rationale well as the effluent quality criteria to be met at that specified point of compliance. INAC-CARD should refer to the Board's Water and Effluent Quality Management Policy, particularly, but not limited to, Section 8.0: Information Required to Regulate the Deposit of Waste.	INAC-CARD
2.	Compliance Point post drainage between Mill Pond and Hambone Lake re-established	Should INAC-CARD not currently have the evidence required to propose a compliance point and associated effluent quality criteria at this time, Board staff request that INAC-CARD indicate what evidence is still required for them to gather and when that evidence will be available. Are there certain project milestones that must be met in order to obtain that evidence (i.e. the completion of certain reports or work phases on site)?	INAC-CARD
3.	Removal of East Upper Dam, Mill Pond Drawdown, and Re-establishing flow between Mill Pond and Hambone Lake	At this time, the Board does not yet have a lot of detailed information on the design, operation, maintenance and monitoring required for the: removal of East Upper Dam; the drawdown of Mill Pond; and the re-establishment of flow between Mill Pond and Hambone Lake. Board staff believe that a condition in MV2016L8-0003 requiring the submission of both a "Mill Pond Drawdown Design Plan" and a "Mill Pond	INAC-CARD

		Drawdown Management Plan” would enable INAC-CARD to submit the pertinent information to both (1) design and (2) manage and monitor, respectively, the removal of East Upper Dam, drawdown of Mill Pond and re-establishment of flow between Mill Pond and Hambone Lake. Please list the information that INAC-CARD believes should be contained in these respective plans.	
4.	Water intake SNP Stations	There is a condition to monitor water intake at a Water Intake Facility but there are no SNPs associated with water intake. Is it possible to establish SNPs to monitor water use from Matthew’s Lake, Bulldog Lake and Sandy Lake? How are water use quantities currently being measured?	INAC- CARD
5.	SNP 0014-6A and 0014-7A (TCA)	The CARD responses to IRs recommend that SNP stations 0014-6A and 0014-7A continue to be monitored following completion of the water treatment program until there are 2 consecutive years of statistically similar results as the Control Lake. How will these stations be monitored once the TCA cap is complete? If not, do you propose alternate sites to gather similar data?	INAC - CARD
6.	SNP 0014-6B to 0014-6H (Pathway I)	The CARD responses to IRs recommend that SNP stations 0014-6B to 0014-6H continue to be monitored following completion of the water treatment program until there are 2 consecutive years of statistically similar results as the Control Lake. What is the rationale for deactivating these stations for Adaptive Management?	INAC - CARD
7.	SNP 0014-2.1 to 0014-2.6 (TCA)	The CARD responses to IRs recommend that SNP stations 0014-2.1 to 0014-2.6 are deactivated upon completion of the water treatment program. What is the rationale for deactivating these stations for Adaptive Management?	INAC - CARD
8.	SNP 0014-3 and 0014-5 (Landfill)	CARD Recommends deactivation of SNP 0014-3 and 0014-5 upon completion of flow from Mill Pond to Hambone Lake. What is the rationale for removing these stations?	INAC - CARD
9.	SNP 007B to 0014-7C (Pathway II)	The CARD responses to IRs recommend that SNP stations 0014-7B to 0014-7C continue to be monitored following completion of flow from Mill Pond to Hambone Lake until there are 2 consecutive years of statistically similar results as the Control Lake. What is the rationale for deactivating these stations for Adaptive Management? There are no compliance points	INAC - CARD

		being contemplated for this pathway – do you propose some type of ongoing monitoring through the Adaptive Management phase for this pathway?	
10.	Mill Pond Drawdown	If active pumping from Mill Pond to Hambone Lake occurs, do you recommend additional monitoring for the downstream environment (to account for a potential different pathway or flow rate)? Please provide rationale.	INAC - CARD
11.	Equipment Decontamination	The existing licence identifies criteria for discharge from the Equipment Decontamination Facility (Part D, item 19). Does discharge from this location occur? Is an SNP station required?	INAC - CARD