

Sent by Email - [jmorse@mvlwb.com](mailto:jmorse@mvlwb.com) ; [permits@mvlwb.com](mailto:permits@mvlwb.com)

May 19, 2016

Mackenzie Valley Land and Water Board,  
7th Floor, 4922 48th St. PO Box 2130  
Yellowknife, NT X1A 2P6

Attention: Mr. Julian Morse, Regulatory Officer

Dear Sir:

**Re: Water License MV2015L2-0003 — SNP Modification Request**

In November 2015, the Cantung mine site suspended operations and was placed into a state of care and maintenance. As such there are no active mining or milling activities being conducted at the site and staffing has been reduced to minimal levels.

NATCL is proposing a reduction to the Surveillance Network Program (SNP) program for the on-going care and maintenance period. This request includes sample points added for dry stack tailings storage facility (DSTSF), and frequencies related to the discharge of the WWTF. In March 2015, additional sample points were added to the SNP with the issuance of a water license amendment for the construction and operation of the DSTSF. Base line data had been collected at various groundwater monitoring wells in the TSF 6 and 7 exposure areas since 2013.

As dry stack activities have not been initiated by NATCL, the company is requesting that the following water quality monitoring stations be temporarily exempt from the SNP program:

- Ground water SNP stations S4-27-18 to S4-27-23;
- Surface water SNP station S4-49 and S4-50.

*NATCL proposes that monitoring at these SNP station be reinstated not less than three (3) months prior to construction of the DSTSF.*

In addition, NATCL is also requesting to modify the sampling frequency for SNP station S4-20 (Stinky Pond Culvert) from every two (2) weeks to once monthly. As the WWTF is currently not in operation, and therefore is not discharging effluent into Stinky Pond, NATCL feels that this is a reasonable request. The water quality objectives for SNP station S4-44 have been met during the care and maintenance period. Accompanying water quality data and trending for SNP station S4-44 have been provided for your review. It should also be noted that monthly mean concentration in the effluent collected from SNP S4-20 has been less than 10% of the value set out in column 2,

Schedule 4 of the MMER for greater than 12 consecutive months of sampling. Accompanying water quality data and trending for SNP station S4-20 with SNP station S4-43 maximum average concentration EQC applied has been provided for review. Monitoring of this SNP station will continue under the MMER.

*NATCL proposes that the monitoring frequency be reverted back to every two (2) weeks, not less than three (3) months prior to discharge from the WWTF.*

We look forward to receiving your comments on the proposed amendments to the SNP sampling regime. If you have any questions on the above please contact the undersigned on 604 759 0913 ext. 243.

Yours truly,

**North American Tungsten Corporation**



Kyle Conway,  
Sr. Environmental Coordinator

Attachments: S4-20 WQ Data, S4-20 WQ Trending, S4-44 WQ Data, S4-44 WQ Trending

CC: B.Delaney, S. Sherwood, Cantung Enviro, C. Beveridge (Alvarez & Marsal)

## Rhonda Miller

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**From:** Permits  
**Sent:** Thursday, May 19, 2016 3:45 PM  
**To:** Rhonda Miller  
**Subject:** FW: NATCL - SNP Modification Request  
**Attachments:** 20160519 NATCL - SNP Modification Request.pdf

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**From:** Julian Morse  
**Sent:** Thursday, May 19, 2016 3:42 PM  
**To:** Permits <permits@mvlwb.com>  
**Subject:** FW: NATCL - SNP Modification Request

Please post to [MV2015L2-0003](#)

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**From:** Kyle Conway [<mailto:KConway@natcl.ca>]  
**Sent:** Thursday, May 19, 2016 10:40 AM  
**To:** Julian Morse <[jmorse@mvlwb.com](mailto:jmorse@mvlwb.com)>; Permits <[permits@mvlwb.com](mailto:permits@mvlwb.com)>  
**Cc:** Brian Delaney <[bdelaney@natcl.ca](mailto:bdelaney@natcl.ca)>; Steve Sherwood <[ssherwood@natcl.ca](mailto:ssherwood@natcl.ca)>; Cantung - Enviro <[enviro@natcl.ca](mailto:enviro@natcl.ca)>; [cbeveridge@alvarezandmarsal.com](mailto:cbeveridge@alvarezandmarsal.com)  
**Subject:** NATCL - SNP Modification Request

Good day Julian.

Please find attached the SNP Modification Request for Water License MV2015L2-0003. Please call me if you'd like to discuss.

Regards,

KC

**Kyle Conway**  
Senior Environmental Coordinator



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