

From: [Jacqueline Ho](#)
To: [David Harpley](#)
Cc: [Kimberley Murray](#); [Chris Hotson](#); [Sonja_Martin-Elson@gov.nt.ca](#)
Subject: RE: MV2019L2-0006
Date: Monday, January 20, 2020 8:54:00 AM

Thank you David. The SNP report will be posted on the registry. The QA/QC Plan will be uploaded separately.

As per Annex A Part A, condition 6,

Prior to the collection of SNP samples, the Licensee shall submit to the Board and an Analyst, a Quality Assurance and Quality Control Plan, which shall include a list of techniques that will be used to collect and analyze samples collected under the SNP, for the purposes of quality assurance and quality control. **An Analyst shall provide a recommendation to the Board.**

Could you provide an email/letter from an analyst indicating the QA/QC Plan is approved by the Analyst?

Thank you.

Jacqueline



Jacqueline Ann Ho, MSc
Regulatory Specialist
Mackenzie Valley Land and Water Board
(867) 766 7455
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Please note: All correspondence to the Board, including emails, letters, faxes and attachments are public documents and may be posted to the public registry.

From: David Harpley <David.Harpley@norzinc.com>
Sent: Sunday, January 19, 2020 5:02 PM
To: Jacqueline Ho <jho@mvlwb.com>
Cc: Kimberley Murray <kmurray@mvlwb.com>; Chris Hotson <chotson@mvlwb.com>;
Sonja_Martin-Elson@gov.nt.ca
Subject: RE: MV2019L2-0006

Jacqueline, please find a revised SNP report attached.

David Harpley

From: Jacqueline Ho [jho@mvlwb.com]
Sent: December-05-19 4:04 PM
To: David Harpley
Cc: Kimberley Murray; Chris Hotson; [Sonja Martin-Elson@gov.nt.ca](mailto:Sonja.Martin-Elson@gov.nt.ca)
Subject: RE: MV2019L2-0006

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello David,

Thank you for submitting the SNP report. As I'm sure you're aware that there are new requirements on the SNP report for Licence MV2019L2-0006 Annex A, Part A, condition 1, I have identified a few items that are outstanding in the SNP report, which I have summarized below:

requirements	Conformity
a) Electronic and tabular summaries of all data and information generated under the SNP for the month being reported, including rationale for SNP stations where samples were not collected and results and interpretation of quality assurance/quality control procedures;	Quality Assurance and Quality Control Plan as per Annex A, Part A, condition 6 not submitted.
b) Graphical summaries and interpretation of the analytical results from the SNP samples collected at the point of compliance (SNP station 3-4) compared to the EQC under Part E of this Licence, for the previous 2 consecutive years;	Not provided
c) An explanation of any actions taken in response to any exceedances of the effluent quality criteria;	The last SNP report received was on September 25, 2019. The SNP for MV2019L2-0006 is effective September 9, this SNP Report did not discuss the results from September, which has EQC exceedances for Zn. Was Licence Part E, condition 16, 17, and 20 followed?
d) Information regarding the calibration and status of the meters and devices referred to in Part B of this Licence;	Not provided/addressed.
e) The coordinates of all SNP stations which were established within the month being reported, including an updated map identifying the locations of all the SNP stations; and i. Weekly quantity of Water in cubic metres withdrawn from the Water Supply Facilities; ii. Weekly quantity of Waste in cubic metres Discharged; iii. Observations from the weekly inspection of the Waste storage areas as required by Part E of this	Coordinates and maps not provided SNP 1-1 not provided Quantity of water and waste not provided/addressed Inspection of waste storage area not provided.

Licence.	
f) A tabular summary of cumulative Water use.	Not provided/addressed

When you re-submit the SNP report that addresses the items above, please kindly provide a conformity table to indicate where the changes are made. **Please submit the Quality Assurance and Quality Control Plan as per Annex A, Part A, condition 6.** As there are exceedances in SNP 3-4 in September, CZN should be following Licence Part E, condition 20, I have copied the Inspector on this e-mail for compliance and enforcement of the Licence.

Thank you for your attention.

Jacqueline



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From: David Harpley <David.Harpley@norzinc.com>
Sent: Wednesday, December 04, 2019 6:31 PM
To: Jacqueline Ho <jho@mvlwb.com>
Cc: Permits <permits@mvlwb.com>
Subject: MV2019L2-0006

Jacqueline, please find a SNP report attached.

David Harpley
VP, Environment and Permitting Affairs
NorZinc (Canadian Zinc)
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