



Mackenzie Valley Land and Water Board
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December 10, 2018

File: MV2009L3-0005

Mr. Earle Dumas
Town of Hay River
HAY RIVER NT XOE 1G1

Email: earled@northwestel.net

Dear Mr. Dumas,

Re: Revised 2016 and 2017 Annual Reports and Groundwater monitoring data and Action Level Response document
Town of Hay River – Municipal Water Licence MV2009L3-0005

The Mackenzie Valley Land and Water Board (the Board) met on December 10, 2018 and reviewed the following submissions:

- a) The revised 2016 Annual Water Licence Report (Annual Report), submitted to satisfy Part B, condition 2 and Schedule 1, condition 1 of municipal Water Licence MV2009L3-0005 (Licence) and in accordance with Board direction provided;
- b) The 2017 Annual Water Licence Report (Annual Report), submitted to satisfy Part B, condition 2 and Schedule 1, condition 1 of the Licence; and
- c) Additional groundwater monitoring data, and a revised Action Level Response document, submitted by the Town in response to reviewer comments on the revised 2016 and 2017 Annual Reports.

The Board hereby accepts the revised 2016 and 2017 Annual Water Licence Reports as submitted.

For future annual reports, the Board requests that the Town:

1. better organize the submission, including, but not limited to: Table of Contents, concordance table comparing Licence requirements with the submission, subheadings, and a tool to cross-reference all groundwater monitoring well names;
2. present the results of all water monitoring conducted in 'Appendix A: tabular summaries of all SNP data';
3. review the annual report template to ensure that all data is captured in reporting;
4. use SNP station numbers as per MV2009L3-0005;
5. provide the numerical Action Levels for ease of reference; and
6. provide a trend analysis of groundwater monitoring results with complete references and interpretation in each annual report as successive years of data are generated.

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In addition, for the 2018 Annual Report, due March 31, 2019, the Board requests the Town to provide:

1. groundwater flow maps for 2016, 2017 and 2018, and a copy of the third-party review of the groundwater flow maps generated;
2. a timeline for investigating and implementing an accurate measuring system for waste volumes; and
3. a proposed action plan – including timelines – for next steps on future options for dealing with SWDF capacity issues.

The Town shall revise the Water Monitoring Plan (Version 2) to include numerical Action Levels and Corrective Actions for parameter exceedances, for submission along with the 2018 Annual Report on March 31, 2019. If the Town plans to conduct additional sampling of surface waters on the Hay River, additional information should be provided in the forthcoming revision of the Water Monitoring Plan.

The Board anticipates the following submissions from the Town:

- the Report on the 2018 inspection of dams, berms, dykes and control structures, in accordance with Part D, condition 13 of MV2009L3-0005;
- an extension request for the submission of the CBOD/BOD Trend Analysis, which was due in December 2017, by December 31, 2018 (Board direction was previously provided in the December 19, 2016 letter); and
- an update on the status of the submission of updates to the Sewage Disposal Facilities Operation and Maintenance Plan.

The Board expects that the SNP be implemented in accordance with Licence requirements, especially with respect to surface runoff at the SWDF (SNP station 0053-5a). Board staff are developing SNP training materials for community use; the Town should communicate with Board staff if they require assistance in training staff to conduct SNP sampling in accordance with Licence requirements.

The Board encourages the Town to discuss GNWT-ENR's requests to provide water quality data in an accessible file type and to complete their metadata template for public registry posting, with GNWT-ENR staff.

The Board notes and appreciates the Town's efforts to report in accordance with Licence MV2009L3-0005, and the Town's diligence in addressing outstanding Licence compliance requirements. The Board notes that a number of monitoring requirements and Licence details may be discussed during the proceedings of the Town's upcoming Licence renewal. The Town shall adhere to the commitments made in their responses to reviewer comments dated August 1, 2018 and November 16, 2018.

The full cooperation of the Town of Hay River is anticipated and appreciated. If you have any questions or concerns, please contact Erica Janes at (867) 766-7466 or email ejanes@mvlwb.com.

Yours sincerely,



Mavis Cli-Michaud
MVLWB Chair

Copied to: Distribution List
 Judy Goucher, SAO, Town of Hay River
 Renee White, KBL Environmental
 Gavin Olvera, MACA South Slave Region

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Subject: MV2009L3-0005 - Town of Hay River - Acceptance - 2016 & 2017 Annual Reports
Date: December 12, 2018 3:03:35 PM
Attachments: [MV2009L3-0005 - Town of Hay River - Acceptance - 2016 & 2017 Annual Reports.pdf](#)

Good day,

Please see the attached document. if you have any questions, please contact Erica Janes at (867) 766-7466 or email ejanes@mvlwb.com.

Regards,

Amanda Gauthier

Executive Coordinator

Mackenzie Valley Land and Water Board

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