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September 16, 2019

Mackenzie Valley Land and Water Board  
7<sup>th</sup> Floor, 4922 48<sup>th</sup> Street  
PO Box 2130  
Yellowknife, NT X1A 2P6

**Attention: Erica Janes, Regulatory Specialist**

Dear Ms. Janes,

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**REFERENCE: Town of Hay River Municipal Water Licence Renewal Application**

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Enclosed is the Town of Hay River's (the Town) application for the renewal of its Municipal Water Licence and an application for the 60-day extension of the current Water Licence (MV2009L3-0005). The current licence expires on May 30, 2020. Two cheques to cover the application fees of \$30.00 (for each application) have been submitted.

**60 Day Extension Application**

The MVLWB allows Type A licences to be renewed for 60 days or less without the public hearing process that's required for a longer licence renewal, provided no changes to operations are proposed and the Licence conditions remain the same.

The Town is applying for the current Water Licence to be extended for the maximum allowance of 60 days while the renewal application is being processed. The Town will operate under the existing conditions and approved plans until the renewed Water Licence is issued by the MVLWB.

**Preliminary Screening Review**

The Town has reviewed the two Preliminary Screenings that were completed for the Water Licence. N1L4-0053 covers the municipal operations and N1L3-0053 was done in relation to the addition of the soil treatment pad addition to the Water Licence. The combined screening does cover the current operations under the Water Licence, however, the following changes to the "mitigation" measures in N1L3-0053 have been noted below:

- *Surface Water: Water Quality Changes – The biotreatment pad is designated for optimum waste management. Routine monthly testing included in the revised SNP for hydrocarbons at SNP 0053—5.*

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The Town completed the monthly testing and as per the Surveillance Network Program went to biannual sampling (spring and fall) for hydrocarbons at SNP 0053-5.

*Surface Water: Drainage Pattern Changes – Routine monthly testing included in the revised SNP for hydrocarbons at SNP 0053-5.*

The Town completed the monthly testing and as per the Surveillance Network Program went to biannual sampling (spring and fall) for hydrocarbons at SNP 0053-5.

*Surface Water: Wetland Changes/Loss – Water collected from biotreatment pad will be directed to the Town's water treatment system. The levels will be below visible sheen, or 5 mg/L.*

The Town requested approval for the water collected from the biotreatment (soil treatment) pad be discharged to the Sewage Disposal Facility. Parameters and discharge criteria are as per the Water Licence (MV2009L3-0005).

### **Plans Associated with the Water Licence**

The following Plans have been reviewed and updated:

- Water Treatment Facility Operation and Maintenance Plan
- Sewage Disposal Facility Operation and Maintenance Plan
- Solid Waste Management Facility Operation and Maintenance Plan
- Hydrocarbon Contaminated Soil Treatment Facility Operation and Maintenance Plan
- Engagement Plan
- Spill Contingency Plan
- Water Monitoring Plan

The Town has updated the Solid Waste Management Facility Operation and Maintenance Plan to include an updated process for the measurement of waste going into the landfill.

The Town has submitted the Water Monitoring Plan as a starting place for discussion and recognizes that some of the recommendations that have been submitted in relation to the Surveillance Network Program will need to be discussed in order to develop practical, science-based monitoring for the SWMF.

The Town of Hay River trusts that you will find the above, and the enclosed applications satisfactory. Should there be any questions please contact Mike Auge at (867) 874-6522 or Renee White at (780) 452-7779.

Sincerely,



Mike Auge  
Director of Public Works

Encl:

Water Licence Application Form – Extension Request  
Water Licence Application Form – Renewal  
Municipal Questionnaire



**Mackenzie Valley Land and Water Board**  
**7th Floor - 4910 50th Avenue**  
**P.O. Box 2130**  
**YELLOWKNIFE NT X1A 2P6**  
**Phone (867) 669-0506**  
**FAX (867) 873-6610**

**APPLICATION FOR A NEW WATER LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE.**

**Application/License No:** MV2009L3-0005  
 (amendment or renewal only)

<p><b>1. Name and Mailing Address of Applicant</b>  <u>Town of Hay River</u>    <u>73 Woodland Drive</u>    <u>Hay River, NT X1A 1G1</u>            Telephone: <u>(867) 874 - 6522</u>          Fax: <u>(867) 874 - 3237</u></p>	<p><b>2. Address of Head Office in Canada if Incorporate</b>    <u>Not Applicable</u>            Telephone: _____          Fax: _____</p>
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**3. Location of Undertaking (describe and attach a map, indicating watercourses and location of any proposed waste deposits).**

Latitude 60° 51' N Longitude 115° 43' W

**4. Description of Undertaking (describe and attach plans)**

The Town of Hay River is requesting an extension of the existing Type A Municipal Water Licence (MV2009L3-0005) while the renewal of the water licence is undertaken.

**5. Type of Undertaking.**

- |                             |                        |
|-----------------------------|------------------------|
| 1. Industrial _____         | 5. Agriculture _____   |
| 2. Mining and Milling _____ | 6. Conservation _____  |
| 3. Municipal <u>X</u> _____ | 7. Recreation _____    |
| 4. Power _____              | 8. Miscellaneous _____ |

**6. Water Use**

To obtain water	<u>      X      </u>	Flood control	<u>      </u>
To cross a watercourse	<u>      </u>	To divert water	<u>      </u>
To modify the bed or bank of a watercourse	<u>      </u>	To alter the flow of, or store water	<u>      </u>
Other (describe): <u>_____</u>			

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**7. Quantity of water involved (litres per second, litres per day or cubic meter per year, including both quantity to be used and quantity to be returned to source).**

To continue to operate as per approved water licence MV2009I3-0005

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**8. Waste deposited (quantity, quality, treatment and disposal)**

As per the 2018 annual report there was 20,652 m<sup>3</sup> of solid waste deposited at the Hay River Solid Waste Management Facility and 702,345 m<sup>3</sup> of sewage deposited at the Hay River Sewage Disposal Facility.

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**9. Other persons or properties affected by this Undertaking (give name, mailing address and location. Attach a list if necessary).**

Town of Hay River, GNWT, Kát'odeeche First Nation; West Point First Nation; and, the Hay River Metis Council

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**10. Predicted environmental impacts of Undertaking and proposed mitigation.**

The Town would continue to operate as per the existing approved water licence and approved associated approved plans until the renewed water licence and associated plans are approved.

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**11. Contractors and sub-contractors (names, addresses and functions). Attach a list if necessary.**

Hay River Disposals (1985) Ltd. - Solid & Liquid Waste Pickup & Deposit.  
39 Studney Dr. , Hay River, NT X0E 0R6

Keith's Water Service - Water delivery to trucked water residences  
917 Mackenzie Highway, Hay River, NT X0E 0R8

**12. Studies undertaken to date. Attach a list if necessary.**


The studies undertaken in relation to the water licence will be provided in the renewal application.

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**13. Proposed time schedule.**

Start date: May 30, 2020

Completion date: Upon receipt of the approved water licence

Name (print): Mike Auge Signature: 

Title (print): Director of Public Works Date: September 16, 2019

***Please make all cheques payable to "Receiver General of Canada"***

**FOR OFFICE USE ONLY**

Application Fee Amount: \$ \_\_\_\_\_ Receipt No: \_\_\_\_\_

Water Use Deposit Amount: \$ \_\_\_\_\_ Receipt No: \_\_\_\_\_