



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

November 18, 2009

File: MV2009L3-0005

Distribution List

Dear Sir/Madam:

**Technical Session Commitments –
Town of Hay River Water Licence Renewal Application**

During the technical session held on November 13, 2009, the Town of Hay River committed to providing answers, additional information, and/or clarification for the following items. This information is to be submitted to the Board for distribution to reviewers on or before **November 23, 2009**.

Item 1

The Water Licence Renewal Application provides proposed drawings and cross-sections of the Hay River biotreatment pad. The Town of Hay River indicated that as-built drawings may be available by next summer after the completion of a desk-top study on the lifespan and operation of the facility.

Commitment

The Town of Hay River is required in its Water Licence to provide as-built drawings of constructed facilities. In line with this condition, the Town of Hay River will demonstrate whether the biotreatment pad was designed and is actually being operated as intended and submit as-built drawings of the facility.

Item 2

The Water Licence refers to seven Surveillance Network Program (SNP) stations throughout the Town of Hay River landfill and lagoon facilities but there is nothing indicating the precise locations or vicinity of these stations. Especially confusing are the locations of SNP 0053-5 which is supposed to measure runoff or seepage from the solid waste disposal site and the location of SNP 0053-2 and 0053-3 in the wetlands.

Commitment

Town of Hay River will provide a map of all SNP locations associated with the sewage and solid waste facilities.

Items 3 and 4

The Town of Hay River stated that 610,000 cubic meters of sewage are pumped from the lift stations each year, of which approximately 31,000 cubic meters are sent to Great Slave Lake, the rest having gone through evaporation / transpiration from the wetlands. The Town was asked to provide clarification on the waste water annual volume usage of approximately 600,000 cubic meters (approximately 200,000 cubic meters more than water use) and to provide an explanation of what the 31,000 cubic meters of sewage that goes to the lake represents and how that number was achieved. This information would be very beneficial to reviewers for assessing the waste stream from the lagoon and wetland.

Commitment

The Town of Hay River indicated that they will provide further information on the amount of sewage pumped from the lift stations and sent to Great Slave Lake each year and how the numbers reported in the 2008 Annual Water Report were achieved.

Item 5

The Town of Hay River's 2008 Annual Water Report indicates that all sampling and analysis requirements at SNP station 0053-2 were tested only once on June 24, 2008. Part B, Item 1 of the SNP indicates that this station shall be sampled at commencement and monthly during periods of flow and analyzed for the following parameters:

Nutrients	Major ions
Faecal Coliform	Faecal Streptococci
Suspended Solids	Oil and Grease
Field Parameters	BOD ₅
Total Organic Carbon	

Commitment

The Town of Hay River will confirm whether or not all the parameters required for SNP station 0053-2 in the Water Licence were sampled on more than one occasion in 2008. The Town will distribute any additional information on sampling events that have not been provided in the Annual Report, if available.

Additional comments

During this technical session, the Town of Hay River made several other commitments to the Government of the Northwest Territories – Environment and Natural Resources (ENR) including:

- A commitment to begin using ENR's hazardous waste manifesting system in the immediate future;

- A commitment to take the fencing issue seriously and to eventually build a fence that will encompass the entire solid waste facility. This commitment does not imply any particular type of fence or a specific timeframe for its construction; and
- A commitment to provide a study of the current site, its operations and recommendations, in a report by March 31, 2010. This study would include, but not be limited to: research into the projected lifespan of the solid waste facility; consideration of planning cycles in option assessments; and a hazardous waste management plan.

Further, the MVLWB staff committed to including a reference to ENR's Hazardous Waste Guidelines for the Town of Hay River's Hazardous Waste Management Plan in the Water Licence. The Board has also looked into the status of the Town of Hay River's Operation and Maintenance Manual (O and M Plan) and the practice of applying sludge to the edge of the lagoon. The O and M Plan submitted with the Water Licence Renewal Application had not been previously submitted or approved by the Board. A condition to submit an updated O and M Plan for review and approval will be included in the Town of Hay River's Municipal Water Licence Renewal, if approved. This condition will outline the information required by the Board for submission. If any reviewer or intervener has comments on the practice of applying sludge to the edge of the lagoon or any other remaining concerns, they should acknowledge them with recommendations in their intervention, due **December 2, 2009**. Finally, Indian and Northern Affairs Canada were asked to provide the Town of Hay River with a copy of their Guidelines for Spill Contingency Planning, which has already been completed.

If you have any questions, please contact me at (867) 669-0506 or email permits@mvlwb.com.

Sincerely,



Shannon Hayden
Regulatory Officer

Hay River Distribution List**Aboriginal Organizations**

	West Point First Nation		MAIL ONLY
Chief Roy Fabian	Katlocheeche First Nation		landsnresources@katlocheeche.com
Grand Chief Sam Gargan	Dehcho First Nation	35	867-695-2038
Lee Mandeville	Dene Nation		lmandeville@denenation.com
Stephen Ellis	NWT Treaty 8 Tribal Corporation		867-370-3209 1-888-714-3209
President Paul Herrington	Hay River Métis Government Council		867-874-4472
President Betty Villebrun	Northwest Territory Métis Nation	45	867-872-2772

Communities

Mayor Jean-Marc Miltenberger	Town of Hay River	16	867-874-3237
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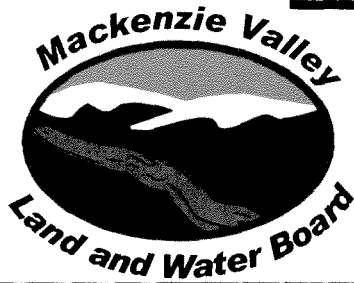
Government – Federal

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Others

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If there are any errors in this distribution list, please contact our office.



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To: Distribution List
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Number of pages including cover 5

Remarks:

Re:
Technical Session Commitments
Town of Hay River Water Licence Renewal
Application.

If you have any questions please call (867) 669-0506
or email permits@mvlwb.com.

Thanks,

- Enclosures
- As requested
- For your information
- For your comment
- For your approval

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