

Permits

From: ORS Administrator <lwbors@yk.com>
Sent: Friday, August 26, 2016 11:30 AM
To: Undisclosed Recipients
Subject: Request for Comments on MVLWB Item - Town of Hay River - Request for Surveillance Network Program (SNP) Changes from ENR Water Resource Officer (MV2002L3-0005)

The Mackenzie Valley Land and Water Board invites reviewers to submit comments on **Town of Hay River - Request for Surveillance Network Program (SNP) Changes from ENR Water Resource Officer (MV2002L3-0005)** via the LWB Online Review System.

- To access **Town of Hay River - Request for Surveillance Network Program (SNP) Changes from ENR Water Resource Officer (MV2002L3-0005)**, please follow this link: [LWB Online Review System](#).
- The deadline for reviewers to submit comments is Sep 19 at 9:59pm Mountain Time.
- The deadline for the proponent to submit responses is Oct 03 at 9:59pm Mountain Time.
- The User Manual for the LWB Online Review System is available [here](#).

This request is being distributed by email only. If you require materials to be mailed or faxed, or require other assistance, please contact the Mackenzie Valley Land and Water Board.

- Erica Janes: 867-766-7466 ejanes@mvlwb.com
- Heather Scott: 867-766-7463 heather.scott@mvlwb.com
- Jen Potten: 867-766-7468 jpotten@mvlwb.com

Please sign in to update your notification preferences and note that this is a system generated email, so any feedback should be directed to permits@mvlwb.com.

Erica Janes
Regulatory Officer, Mackenzie Valley Land and Water Board (MVLWB)
4922 - 48th Street
7th Floor YK Centre Mall
P.O Box 2130
X1A 2P6

July 29, 2016

Dear Ms. Janes:

Notification of Request for Surveillance Network Program (SNP) Changes for Town of Hay River Water Licence MV2009L3-0005.

ENR would like to request the following changes to three of the existing SNP stations for the above noted licence:

- **SNP 0053-8** – Waste water leachate from the Hydrocarbon Impacted Soils Biotreatment pad and/or the Surface Run-off Retention Pond should not be discharged into the Town's sewage lagoons system. ENR does not support discharge of *any* hydrocarbon contaminated waste water from *any* source being discharged to the Hay River lagoon system at this time. Presently the Hay River lagoon system drainage is not currently functioning as it was designed, and furthermore has sustained a large influx of hydrocarbons due to a spill that occurred in March/April 2016 that is still being investigated and cleaned-up. In addition, ENR regards the SNP 0053-8 provision to discharge hydrocarbon contaminated leachate from the Biotreatment pad through the lagoon system to be outdated and not best practice as hydrocarbons can disrupt the balance of bacteria in the lagoon, impede treatment of wastes and the quality of effluent discharged to the receiving environment. ENR will not permit discharge of this waste through these facilities until the aforementioned spill is closed and the licence contains Effluent Quality Criteria (EQC) that the Inspector can compare sample results to.
- **SNP 0053-5** - Monitoring of surface run-off and seepage at the Solid Waste Disposal Facilities should include sampling for the three ground water monitoring wells at the north perimeter of the facilities and the control well at the main gated entrance to the facility. There is no Effluent Quality Criteria in the licence for station 0053-5, however monthly sampling during periods of flow is required and the licence lists parameters to be analyzed. Samples collected at the wells should be compared to CCME and other applicable guidelines in the absence of licence EQC. Sampling of these wells should coincide with sampling of the Biotreatment Pad Ground Water monitoring wells (SNP 0053-7). Monthly sampling of these wells is cost prohibitive, and frequency could be reduced to twice a year at spring break-up and prior to freeze up once a baseline of results is established and there are no exceedences to discharge guidelines.

- **SNP 0053-2** – The original SNP sampling station location has not been accessible for a few years. Overgrown vegetation has hampered access and the station sign was not visible from the roadway. The Town cleared access to this station (N 60° 15.810'; W 116° 34.549') in June 2016 (See attached photos from June 23, 2016 water licence inspection – Figures 1-2). The new station sign as seen in Figure 2 will need to be moved to the new sampling location, once the Board approves the station change request. Since 2013 the Inspector has sampled for SNP 0053-2 from a more accessible location approximately 0.5 km downstream (N 60° 49.747'; W 115° 52.169') with better flow and depth (see Figures 3-5). The Inspector was initially brought to this location by Town staff in 2013 to sample SNP 0053-2 as the original location was not accessible. There are multiple access points at this downstream location and a foot bridge to access the other side of the stream. Sampling is done upstream of the bridge. Sample results for sampling conducted at this location by the Inspector have met water licence effluent quality criteria since 2013.

The Inspector requests movement of SNP station 0053-2 from the original location to the new location downstream. The original location can be made inactive, but may be re-activated if upstream comparison sampling is required.

Please consider this letter, a formal request from the Environment and Natural Resources, South Slave Regional Water Resource Officer for the above noted changes to the SNP in The Town of Hay River's water licence MV2009L3-00005.

If the MVLWB have any questions or concerns, or wishes to discuss the above requests in greater detail, please don't hesitate to contact me at 867-872-6421 or by email at wendy_bidwell@gov.nt.ca.

Sincerely,

Original signed

Wendy Bidwell

Water Resource Officer
South Slave Region
Environment and Natural Resources-GNWT



Cc.

Mr. Troy Ellsworth, Regional Superintendent, South Slave Region, ENR
Mr. Albert Bourque, Regional Environmental Coordinator, South Slave Region, ENR
Mr. Nathen Richea, Manager Water Regulatory, ENR
Mr. Scotty Edgerton, Senior Administrative Officer, Town of Hay River
Mr. Earle Dumas, Director of Projects and Planning, Town of Hay River
Ms. Heather Scott, Technical Advisor, MVLWB



Figure 1 – Location of Original SNP Station 0053-2



Figure 2 – Location of Original SNP Station 0053-2





Figure 3 – Location of New SNP Station 0053-2



Figure 4 – Location of New SNP Station 0053-2





Figure 5 – Location of New SNP Station 0053-2



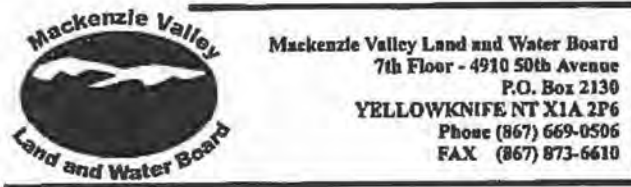
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Hay River Metis Council	Trevor Beck	President	(867)874-4472; hrrmc@northwestel.net ;
Northwest Territory Métis Nation	Garry Bailey c/o Tim Heron	NWTMN IMA Coordinator	(867)872-3586; rcc.nwtmn@northwestel.net ;

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 From: Eisaine for Erica Janes, Regulatory Officer

Number of pages including cover: 8

Remarks:

Request for review and comment the Request from the GNWT Inspector to change the SNP Program

** Request is attached

- Enclosures
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003	740	8678744472	01:48:35 p.m. 08-26-2016	00:01:19	9/9	1	EC	HS	CP26400
004	740	8678723586	01:48:35 p.m. 08-26-2016	00:01:17	9/9	1	EC	HS	CP28800