

Elaine Briere - MVLWB

From: Angela Plautz - MVLWB [aplautz@mvlwb.com]
Sent: Tuesday, January 19, 2010 11:05 AM
To: permits@mvlwb.com
Subject: FW:
Attachments: MV2009L3-0025 Fort Liard Draft Water Licence Comments (EC).pdf

Please file.

From: Kelly, Mary [Yel] [mailto:Mary.Kelly@EC.GC.CA]
Sent: Tuesday, January 19, 2010 10:33 AM
To: aplautz@mvlwb.com
Cc: Wilson, Anne [Yel]; Ogilvie, Carey [Yel]
Subject:

Hello Angela,

Please find attached EC's comments regarding the Drat Water Licence for Fort Liard MV2009L3-0025.

Sincerely,

Mary Kelly

Project Officer | Agente de projet
Prairie and Northern Region | Région des prairies et du nord
Environmental Protection Operations | Activités de protection de l'environnement
Environmental Stewardship Branch | Direction générale de l'intendance environnementale
Environment Canada | Environnement Canada
5019 - 52nd Street, 4th floor P.O. Box 2310 | 5019 - 52e rue, 4e étage C.P. 2310
Yellowknife (NT) X1A 2P7 | Yellowknife (TNO) X1A 2P7
mary.kelly@ec.gc.ca
Telephone | Téléphone 867-669-4715
Facsimile | Télécopieur 867-873-8185
Government of Canada | Gouvernement du Canada
Website | Site Web www.ec.gc.ca
<<MV2009L3-0025 Fort Liard Draft Water Licence Comments (EC).pdf>>



Environment Canada
Environnement Canada

Environment Canada
Prairie and Northern Region
Nova Plaza
P.O. Box 2310
Yellowknife, NT X1A 2P7

January 19, 2010

Your File: MV2009L3-0025

Our File: 4782 052

Angela Plautz
Regulatory Officer
Mackenzie Valley Land and Water Board
P.O. Box 2130
Yellowknife, NT X1A 2P6

Re: Hamlet of Fort Liard – Draft Water Licence Review - MV2009L3-0025

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities under the *Canadian Environmental Protection Act*, and Section 36(3) of the *Fisheries Act*.

The Hamlet of Fort Liard is in the process of renewing their Type B water licence. EC reviewed the water licence application documents and provided recommendations to the Mackenzie Valley Land and Water Board on November 24th, 2009. The Mackenzie Valley Land and Water Board has requested that EC review and provide comments on the Draft Type B Water Licence conditions and SNP for the Hamlet of Fort Liard – Municipal Undertakings.

In general, the licence reflected the comments provided in EC's review of the application documents. However, a few additional recommendations or clarifications are as follows:

Part D. Conditions Applying to Waste Disposal

Item 2.

For clarity, the parameter listed as "Suspended Solids" should be revised to "Total Suspended Solids" to match what is listed in the Surveillance Network Program Item 2.a).

Item 3.

This item describing the decant location disagrees with the Sewage Disposal Facilities drawing number 101, as referenced in the definition section of this draft licence. The decant should occur from the last cell, which would be referred to as New Cell 3 (Old Cell 2). Furthermore, with the reversal of the cell configuration, the decant should now be occurring from the West end of the system. Therefore, this item should read:

"The Licensee shall decant from the west end of new cell 3 of the Sewage Disposal Facilities."

Item 12.

The licence as drafted provides for the submittance of a plan to track the volume of Sewage deposited by remote camp operators and liquid waste haulers. However, an additional item is required to ensure that this plan be implemented. Furthermore, the annual report (Part B.1) should disclose the sources and volumes of sewage deposited by remote camps or liquid waste haulers.

Part F: Conditions Applying to Contingency Planning, Items 1 and 2

This section should be revised to include the word "Spill" ahead of "Contingency Plan."

Surveillance Network Program

**Canada**

1. Location of surveillance station(s)

The description of SNP 1478-5 does not match the rationale as being the point of final effluent. EC recommends creating a new SNP station number for the new position of the final effluent quality station. By doing so, historical references to SNP 1478-5, under the old cell-configuration system, would not be confused with the current configuration and treatment. The new SNP station would be described as "Wastewater sample from new cell three (old cell two) of the Sewage Disposal Facility" and would need to replace all references to SNP 1478-5 in the document. With this proposed change, the SNP 1478-5 could be described as "Inactive – historical final effluent sample location."

2. Sampling and analysis requirements

c) EC recommends solid waste leachate or runoff be sampled at least twice annually. Station number 1478-8, identified for this purpose, does not currently have an identified location. EC recommends establishing a location where water flows from the solid waste site during a rain event or, if such a location cannot be determined, sampling the ponded water onsite instead.

Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 669-4715 or by email at mary.kelly@ec.gc.ca

Yours truly,

Mary Kelly
Physical Science Officer – Wastewater Specialist
Environmental Protection Operations

cc: Carey Ogilvie, Head EA North, Environment Canada
Anne Wilson, Water Pollution Specialist, Environment Canada