



CITY OF YELLOWKNIFE

June 4, 2013

Mackenzie Valley Land and Water Board
Box 2130, 7th Floor - 4910 50th Avenue
Yellowknife, NT X1A 2P6

Attention: Miki Ehrlich, Regulatory Officer

RE: Water Licence No. MV2009L3-0007: Water Treatment Plant Documents

Dear Ms. Ehrlich,

The City has submitted to the Mackenzie Valley Land and Water Board (MVLWB) a CD with the drawings and specifications for the City's new Water Treatment Plant, which is anticipated to begin construction later this year.

The Water Treatment Plant (WTP) is considered a modification to the City's existing water use infrastructure and should not require an amendment to the City's water licence for the following reasons.

1. There will be no change to the quantity of water currently allowed by the water licence.
2. There will be no change to the existing water source. The City will continue to draw water from the Yellowknife River using the 8km submarine pipeline.
3. The facility will be located in the same area as the existing treatment facility (Pumphouse #1) and primary water reservoir.

The WTP will be using membrane filtration as part of the treatment process. As Yellowknife does not currently filter drinking water, the use of membrane filtration will improve the quality of drinking water coming from the new WTP. The membrane filters will require cleaning with specific chemicals, creating a new waste stream which will be disposed of at the City's existing sewage lagoon. The exact composition and associated quantities for this waste stream will not be known until the WTP has been constructed.

If you require further clarification or have questions regarding this modification, I can be reached by phone at 920-5689 or by email at walexander@yellowknife.ca.

Sincerely,



Wendy Alexander, P. Eng.
Acting Manager
Public Works and Engineering

(Docs#366285v2)

