

From: [David Hohnstein](#)
To: [Phyllis Beaulieu](#)
Subject: FW: Iqaluit Storm Water Discharge from Landfill
Date: Sunday, September 12, 2010 8:19:45 PM
Attachments: [070919%202AM-DOH0713%20LICENCE%20FINAL%20ISSUED%20-%20OCHE.pdf](#)

Phyllis, for the files, forward of Steve Lines' email with respect to the City of Iqaluit discharge from the landfill.

dh

From: Steve Lines [mailto:slines@tlaconsultants.ca]
Sent: Friday, September 10, 2010 11:59 AM
To: 'Michael Thivierge'
Cc: dts@nunavutwaterboard.org
Subject: RE: Iqaluit Storm Water Discharge from Landfill

Mike:

This is to confirm following my conversation with the NWB's Director of technical services, that in order to discharge effluent from the west 40 landfill, a report will be required in accordance with Part E, Item 17. Also for the previous emergency discharge the follow-up information requested in Part E, Item 19 should be provided.

The report requested under Part E, Item 17 requires Board approval, which means that it will be distributed to interested parties for review and comment prior to the approval. This could take about 45 days following the submission of the report. It could take longer if additional information is requested by parties or the NWB.

To obtain information on previous NWB effluent quality criteria approvals you can reference other similar licences and projects from the NWB's ftp site. Type B Municipal licences can be accessed through the following link:

<ftp://nunavutwaterboard.org/1%20PRUC/3%20MUNICIPAL/3B/3BM%20-%20Municipality/>

and for type A municipal licenses

<ftp://nunavutwaterboard.org/1%20PRUC/3%20MUNICIPAL/3A/3AM%20-%20Municipality/>

In addition, the Doris North Type A mining licence contains regulated parameters for effluent discharge from a landfill sump under Part G, Item 22(a). That licence is attached for your information.

You may want to compare the limits with the CCME freshwater aquatic life guidelines and what can be achieved based on treatment options available. The criteria proposed for Iqaluit should also be based on the contaminants of concern identified through the sampling that has been done.

Please note that the public registry username is "public" and that the password is now "chocolate"

If you have any questions or need help navigating the ftp site, please feel free to contact me.

Regards

Steve Lines

From: Michael Thivierge [mailto:Michael.Thivierge@trow.com]
Sent: Friday, September 10, 2010 11:04 AM
To: Steve Lines
Subject: RE: Iqaluit Storm Water Discharge from Landfill

Steve,

Yes, this is the only landfill in Iqaluit, and I believe its referred to as West of 40.

Thanks,

Michael J. Thivierge, PE (AZ)
Trow Associates Inc.

From: Steve Lines [mailto:slines@tlaconsultants.ca]
Sent: September 10, 2010 12:38 PM
To: Michael Thivierge
Subject: RE: Iqaluit Storm Water Discharge from Landfill

Mike:
Just to confirm, are we talking about the west 40 landfill?
Steve

From: Michael Thivierge [mailto:Michael.Thivierge@trow.com]
Sent: Friday, September 10, 2010 9:28 AM
To: slines@tlaconsultants.ca
Subject: Iqaluit Storm Water Discharge from Landfill

Steve,

As discussed, the City of Iqaluit intends to discharge the retained storm water from their solid waste landfill.
Currently, the site retains the storm water and discharges through a culvert that has been blocked off due to contaminated storm water.
The blocked water is then pumped into an off-site retention pond for settling purposes with the intent of discharging at a later date.

We currently have results from an emergency discharge of the retention pond, however per our discussion, it doesn't look like the water license covers this type of discharge (but I could be mistaken), and I'd like to find out what the discharge requirements for this type of discharge (storm water from a solid waste site) would be.

Thanks, and I appreciate all your help,

Michael J. Thivierge, PE (AZ)
Project Coordinator

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