



NWB Tools

Ida Porter <ida.porter@nwb-oen.ca>

Fwd: Meliadine - Update - Licence No. 2BB-MEL1424

Karén Kharatyan <karen.kharatyan@nwb-oen.ca>
To: Licensing Department <licensing@nwb-oen.ca>

Tue, May 10, 2016 at 12:33 PM

Ida,

I though Robin saved this before leaving, it seems no. Please save this under Waste disposal. I will forward a couple of other communications as well for the same issue.

Thanks,



Karén Kharatyan, Ph. D- ᑲᑲᑦ ᑲᑭᑲᑦ

Technical Advisor - Conseiller Technique
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NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT
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Merci de penser à l'environnement avant d'imprimer ce courriel / Thank you for thinking of the environment before printing this email

----- Forwarded message -----

From: **Jamie Quesnel** <jamie.quesnel@agnicoeagle.com>
Date: Mon, Apr 11, 2016 at 6:57 PM
Subject: Meliadine - Update - Licence No. 2BB-MEL1424
To: "karen.kharatyan@nwb-oen.ca" <karen.kharatyan@nwb-oen.ca>
Cc: Christine Wilson <Christine.Wilson@aandc-aadnc.gc.ca>, Jeffrey Pratt <jeffrey.pratt@agnicoeagle.com>, Manon Turmel <manon.turmel@agnicoeagle.com>, "dirlands@kivalliqinuit.ca" <dirlands@kivalliqinuit.ca>

Hello Mr. Kharatyan:

This update is a follow-up to our letter of March 8th 2016.

We would like to advise NWB, as per Section Part E: Item 7 and 12 of the NWB Licence No. 2BB-MEL1424 we have initiated the corrective actions as listed below.

Part E of the Licence

PART E: CONDITIONS FOR CAMPS, ACCESS INFRASTRUCTURES AND OPERATIONS

7. The Licensee shall conduct all activities in such a way as to minimize impacts on surface drainage and the

Licensee shall immediately undertake corrective measures in the event of any impacts on surface drainage.

12. The Licensee shall undertake appropriate corrective measures to mitigate impacts on surface drainage resulting from the Licensee's operations.

Corrective and Sustainable Actions

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Agnico has initiated a series of corrective and sustainable actions. These actions include:

1. The immediate focus is to increase the storage capacity in containment pond P1 to accommodate the 2016 spring freshet and to limit to the greatest extent practical any seepage from containment pond P1 into Lake A54;
2. Completed an engineering review to find alternatives to construct a larger and tighter containment facility on surface at containment pond P1;
3. Increased frequency and more intensive sampling of the underground sources to allow for a better understanding of where the increased chloride and ammonia is coming from;
4. A review of explosives use practices in the underground to tighten up any wastage;
5. Engineering review to assess if the surface sump at the top of the exploration decline should be backfilled and to re-route all water pumped from sump 1 located just inside the portal directly into containment pond 1;
6. A review of current practices to improve the management on surface of calcium chloride storage and the management of potentially contaminated snow; and,
7. Reviewing treatment options including use of evaporators.

Based on our previous communication, in order to obtain the required minimal capacity of 32,400 m³, the following items have been initiated:

1. Retained Tetra Tech to complete the design of the dykes plus field supervision
2. Retained a local contractor that abides with the IIBA.
3. The primary design will be a frozen core structure.
4. Pond 1 will be divided in two ponds (a new Pond 1 and a small Pond 2) and by adding Pond 3.
 - o Pond 1 would be located at the northern area of the existing containment.
 - o Pond 2 would be located at the southern area of the existing containment.
 - o Pond 3 would be constructed downstream of the existing south road and would serve multi-purposes. It would serve firstly to collect any seepage that could come from pond 2 confining structure and its abutments. A pumping station would be installed to collect and pump any water to Pond 1.

I have attached two drawings for you review. The first drawing summarizes the location of the dykes (plan view) and the second drawing, highlights a typical cross-section of the dykes.

Please contact the undersigned if you have any questions.

Regards, Jamie

Jamie Quesnel
Environment Superintendent-NU

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2 attachments

 **P1 Containment Area Survey 20160329 Frozen Core Option Model-For Annual Report-1.pdf**
508K

 **P1 Containment Area Survey 20160329 Frozen Core Option Model-For Annual Report-2.pdf**
230K