



NWB Tools

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

Re: Response to inquiry regarding 3BC-EUR1116

Cynthia Ene <cynthia.ene@nwb-oen.ca>

Mon, Nov 9, 2015 at 4:59 PM

To: "Cloutier-Dussault, Jean-Philippe (EC/EC)" <jean-philippe.cloutier-dussault@canada.ca>

Cc: "Ste-Marie, Marc (EC/EC)" <marc.ste-marie@canada.ca>, Licensing Department <licensing@nwb-oen.ca>

Good Afternoon,

I am writing to confirm that Environment Canada will require an amendment to your current Water Licence to authorize the addition of the water use and waste deposit associated with quarrying.

Can you please confirm that the undertaking and project description as you submitted to NPC and NIRB, earlier this year (for this amendment) was for the same undertaking as described in the application submitted to NWB? Can you also confirm that NPC and NIRB were aware of the additional quarrying activities when they completed their process and review?

The following is a quick overview as to why an amendment will be required for the quarrying activities:

(a) Not included within the activities associated with the undertaking as described under the scope of activities in the current Licence;

(b) A "Use" of water in that quarrying definitely constitutes "Any alteration of the flow of waters" (which is defined as a water use under s. 4(c) of the NWNSRTA) and this alteration is a water use that is not currently authorized under the licence;

(c) Also likely to constitute a deposit of waste into water, as you noted that the "runoff will be collected in collector ditches running down into a filter blanket and then naturally dispersed" waste is very broadly defined under s. 4 of the NWNSRTA to

means any substance that, by itself or
in combination with other substances found in
water, would have the effect of altering the
quality of any water to which the substance is
added to an extent that is detrimental to its use
by people or by any animal, fish or plant, or
any water that would have that effect because
of the quantity or concentration of the substances
contained in it or because it has been treated
or changed, by heat or other means

The run off at the point of collection in the collector ditches likely meets the definition of waste being deposited into water.

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Objet : RE: Response to inquiry regarding 3BC-EUR1116

Hello Marc Ste-Marie

Please see answer to the questions below. If more information is required please let me know.

Chris Petrovic

Senior Project Manager

T: 780.434.9306

C: 780238.8121

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From: Ste-Marie, Marc (EC/EC) [<mailto:marc.ste-marie@canada.ca>]

Sent: Thursday, November 05, 2015 7:21 AM

To: Chris Petrovic <ChrisP@nunalogistics.com>

Cc: Ducharme, Paul G: PWGSC (paul.ducharme@pwgsc-tpsgc.gc.ca) <Paul.Ducharme@pwgsc-tpsgc.gc.ca>;
Matte, Dominique (EC/EC) <dominique.matte@canada.ca>; Cloutier-Dussault, Jean-Philippe (EC/EC) <jean-philippe.cloutier-dussault@canada.ca>

Subject: TR: Response to inquiry regarding 3BC-EUR1116

Good morning Chris,

Can you help us answer Nunavut water board questions **below**? I'm assuming that the water consumption that you provided to help us fill the water licence amendment included the quarrying activities.

Regards

Marc Ste-Marie

Gestionnaire, Analyse et développement techniques, Directions des actifs, des biens immobiliers et de la sécurité

Environnement Canada / Gouvernement du Canada

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De : Cynthia Ene [<mailto:cynthia.ene@nwb-oen.ca>]

Envoyé : 25 September 2015 4:59

À : Ste-Marie,Marc [Montreal]; jean.philippe.cloutier-dussault@ec.gc.ca

Cc : Licensing Department

Objet : Response to inquiry regarding 3BC-EUR1116

Dear Mr. Cloutier-Dussault:

Sorry for the delayed response, I have only recently been made aware of your request for clarification sent September 3, 2015.

Following a review of EC's proposed quarrying activities as listed in the "Quarry Operation Plan" (Nuna, 2015), I would appreciate if you could elaborate on the following issues:

- Whether quarrying activities or the use of subsequent fill material will involve any use of water not already allowed under the licence, or in quantities now allowed under the licence. For example, water use for gravel washing, pit-dewatering, dust suppression, etc.. **There is no plan to use water in the quarrying or crushing operation. The expected water usage is for camp operation and to meet compaction specifications of the airstrip while under construction.**
- Whether any deposit of waste to water is expected as a result of quarrying activities, either from the use of deleterious substances or due to runoff. **The quarrying operation will use conventional stripping methods in half meter increments. There is no drilling and blasting using this method therefore there will be no nitrates generated from this type of operation. Any water due to runoff will be collected in collector ditches running down into a filter blanket collector basin and weir. Clean water will be naturally dispersed following this process. We invasion minimal runoff at this site.**
- How waste resulting from the mobile carwash at Blacktop Creek will be managed. **A vac truck will be used to remove the generated waste and water and deposited in the approved sewage lagoon.**
- Confirmation that no quarrying activities will occur within 100 metres of any water source. **All quarrying operation will maintain a 100 meter buffer zone.**

Regards,



Cynthia Ene, MBA, P.Eng.- ٧٩٢٤٤ ٤٤٤٥٧

Technical Advisor- Conseillère Technique

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NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT
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