

From: Joe Murdock [dirts@nunavutwaterboard.org]

Sent: Wednesday, December 13, 2006 9:26 AM

To: SCOTT BURGESS

Cc: Richard Dwyer

Subject: 061213 2BE-HAK Application Renewal - Request for Additional Information
Scott,

Please find my comments below on issues that require additional information or clarity. Once this additional information is provided it will be reviewed and sent out for public comment.

Regards,

Joe

Request for Addition Information - Hackett River 2007 Water Licence Application

1. As identified in the general application "In 2006, geotextile fences were constructed to contain any spillage or overflow from the greywater collection tank, the core cutting facility, and the camp dry buildings. The fences are approximately 60 – 90 cm high, with the bases buried in the soil, and they are arcuate in construction. Additional containment fences were built at the drills to contain any excess runoff from drilling water, cuttings or return water.". The NWB requests particulars related to geotextile fence set up (product used, installation, construction discussion, photographic record). This is also reiterated in the application A&R Preexisting Conditions and Restoration Plans - New Drill Sites
 2. As identified in the general application, secondary containment berms are relied upon. I am sure the Proponent would agree that secondary containment through a geomembrane is a function of geomembrane product, installation, and construction details. The NWB requests additional information that will detail these functions. The NWB also requests photographic record of the structure in-situ.
 3. As stated in the application questionnaire (Q32) "The rock saw is expected to produce approximately 1/2 m³ of sludge cleaned from the bottom of the settling container in the course of the season. The sludge will consist mostly of sulfides. The sludge will be cleaned from the settling container on an as needed basis, dried, placed in plastic sample bags and flown out to the Yellowknife dump for disposal. Alternatively the sludge would be flown to a couple of drill sites located on the north side of Camp Lake where ice melted around the drill casing while drilling, leaving 8 ft deep, steep sided pits that are a potential hazard to wildlife. As a way of recontouring the land surface, saw sludge would be put in the holes until the pits were no longer a hazard." The NWB requests additional information regarding the underlined segment. Details on how the sludge will be classified, managed, contained through the proposed application, and potential impact to freshwaters should be described in detail.
 4. As stated in the application (SCP Section 4.5), "A regular inspection program shall be established to monitor the condition of the leak containment devices so they do not overflow." The NWB requests detail on the monitoring plan suggested.
 5. As detailed in the application (SCP Section 4.6), "Fuel contaminated soil can be remediated on site through land farming". If landfarming is to be considered then complete details on how the landfarm structure is constructed (by an appropriately qualified engineer), will be operated and maintained, and how soils will be determined treated must be provided. This also builds on INAC's May 23rd, 2006 comments to your 2005 Annual Report.
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Joe Murdock
Director of Technical Services
Nunavut Water Board

Canadian Geotechnical Society Cold Regions Geotechnology Division

----- Original Message -----

From: [SCOTT BURGESS](#)

To: dirts@nunavutwaterboard.org

Cc: licensingtrainee@nunavutwaterboard.org

Sent: Tuesday, December 05, 2006 10:29 AM

Subject: Re: Hackett River, 2007 Permit application.

Hey Joe;

Sorry for the large file sizes, WinZip only decreases marginally.

I will let you know when the last one goes, and how many have been sent (Should be 6 (including cover letter). This has the cover and MSDS sheets (so 2 of the 6)

Thanks,

Scott

From: "Joe Murdock" <dirts@nunavutwaterboard.org>
 To: "SCOTT BURGESS" <burgeology@hotmail.com>
 CC: "Richard Dwyer" <licensingtrainee@nunavutwaterboard.org>
 Subject: Re: Hackett River, 2007 Permit application.
 Date: Mon, 4 Dec 2006 19:12:04 -0700

Scott,

Feel free to forward your electronic submission to get the ball rolling with your application. We will process once we have received the administration requirements. Please pass the application to me and Richard Dwyer (I have cc'ed him on this email). If Harvey is in the neighbourhood have him stop in and say hello. We would welcome a short meeting if he is interested.

Regards,

Joe

----- Original Message -----

From: [SCOTT BURGESS](#)

To: dirts@nunavutwaterboard.org

Sent: Monday, December 04, 2006 7:16 AM

Subject: Hackett River, 2007 Permit application.

Good morning, Joe.

I finally got the translation back, so will be sending the 2007 permit application for Hackett River off today, after it is signed, and I get the 2 money orders. Do you want me to e-mail you a copy of the application, so speed the process along? There will be 5 or so e-mails, up to 3Mb.

Thanks and hope the package gets to you in record time, as we are hoping to go in mid to late February. You may see Harvey Klatt up your way, as he is on the career caravan, travelling through Nunavut.

Regards,

Scott Burgess

Senior Geologist.

