

From: [David Hohnstein](#)
To: ["andrew gamble"; iporter@nunavutwaterboard.org](#)
Subject: RE: Permits for Diamond Drilling
Date: Friday, July 22, 2011 2:50:07 PM
Attachments: [100401-General Water Licence Application-OEDE -edited110502.doc](#)
[100401-Guide4-CompletingSubmittingWaterLicenceApplication-OEDE.pdf](#)

Good afternoon Andrew, my apology for not getting back to you sooner, emails won't stop and I was involved in two full day meetings this week... no excuses..

In response to your inquiry, it does appear as though you would be required to apply for and obtain a water licence for the activity as it has been described. A NWB Water licence is required for any water use and/or waste disposal activity. It appears at first glance that the undertaking may be described as an industrial undertaking, as defined under the NWT Water Regulations, as the training and drilling activities are the main focus of the activity. General requirements for acceptance of an application and processing include:

Cover letter

Application form, with application fee (\$30) and water use fee (should be \$30 annually)
Water source/quantity, and disposal methods identified, and if water is being trucked to the location, source and/or permission from the Hamlet for use of water;
Executive summary (both English and translated, Inuktitut)
A spill contingency plan as there are fuels going to be used/stored at the training location as well as fueling transfer to take place (a basic example could be provided to work from)
Basic abandonment and reclamation plan, as there will be a need to reclaim the drill sites/holes

For the timeframe, is there any indication that the programme may go beyond January 2012, and into another full year? If so, may want to consider requesting the full dates to avoid having to renew the licence. The only requirements in going beyond the one year would be resubmission of the water use fees, and submission of an annual report for 2011 and 2012 (or for however long you might like to have for the term of the licence, generally not issued for more than 3-5yr for this type of activity. Given that there are new Nunavut Regulations expected to be in force sometime in 2012, likely a two year term would be adequate as the new regs will consider this activity a 'minimal use' activity and provide approval through a simple authorization.

In addition, up front permission in writing from the Hamlet for use of the sewage and solid waste facilities would be helpful.

For additional information you could visit the [nwb's ftp site](#) (click on link) and download some of the other relative guides, NWB Registry/guidelines

For the process, please forward the application information to both the NIRB and the NWB so we are aware of the receipt of the info at NIRB. For the NWB, the Licensing admin staff will acknowledge receipt of the application (if complete administratively, ie fees paid, application form and summaries provided, etc.) and forward to the technical staff for an initial technical completeness check and then the application will be distributed and posted on the ftp site, with an invitation to review and provide any comments by any interested parties, this is a 30day review period. Following that time, the NWB will review comments submitted (and a NIRB screening decision, or exemption). If there are any questions that

need to be answered, the applicant will be contacted to provide this information or respond to any information request that came in during the review. Following final review, the application would be presented to the Board for approval and then, ideally a licence would be issued. The timeline for the whole process, which is outlined in the guides, should be considered to run about 3 months from receipt of application to issuance of a licence, but could take less. Given the proposed start time of early September, it would be advisable to submit an application as soon as possible to start the process.

If you have any further questions, regarding the application process, please contact Ida Porter, Licensing Administrative Assistant, directly at the office at iporter@nunavutwaterboard.org or myself at 780-443-4406, or email dts@nunavutwaterboard.org.

Regards,

Dave Hohnstein
Director Technical Services
Nunavut Water Board

From: andrew gamble [mailto:agamble@theedge.ca]
Sent: Thursday, July 21, 2011 2:27 PM
To: iporter@nunavutwaterboard.org
Cc: dts@nunavutwaterboard.org
Subject: FW: Permits for Diamond Drilling

Ida/Dave;

The autoreply suggests I contact you.

Hope you can help.

NWB did not respond to our July 8 inquiry. I have also repeated this message below to give you some context

Thanks

Andrew

----- Forwarded Message

From: andrew gamble <agamble@theedge.ca>
Date: Thu, 21 Jul 2011 13:39:27 -0600
To: <MFerris@gov.nu.ca>, <info@nirb.org>, <licensing@nunavutwaterboard.org>
Cc: John Main <arviatcedo@qiniq.com>, <JRoach@gov.nu.ca>, "Eno, Robert" <REno@GOV.NU.CA>
Conversation: Permits for Diamond Drilling
Subject: Permits for Diamond Drilling

Mike Ferris - GN/CGS
Tannis Bolt – NIRB
Phyllis Beaulieu - NWB

Folks;

Further to my July 8 request for information and the feedback we got, I understand that:

- We require a GN/CGS land use permit and that this would be issued only
- after referral by CGS for NIRB approval – (the project may or may not be exempt from screening).
- after NWB review and approval (a water license?)
- with a hamlet council motion

The program has been now approved and is scheduled to start up on September 6, 2011.

Attached are a draft application to GN/CGS with a project description and plan of areas proposed.

Before a formal submission is made, I am hoping that you can:

1. Have a quick look and let us know if this is sufficient information, or what additional information we should include.
2. Confirm that this would be submitted to CGS, who would refer it to NIRB and NWB.
3. Let us know if we were missing something in approval process.
4. If we should anticipate any problems getting approvals for September program start.

Thanks.

Andrew

ORIGINAL MESSAGE (July 8)

Ms. Jody Roach, GN EDT

Mr. Matthew Ferris, GN CGS

Ms. Stephanie Briscoe, Nunavut Impact Review Board

Ms. Phyllis Beaulieu, Nunavut Water Board

Permits for Diamond Drilling

The Hamlet of Arviat is proceeding with a Diamond Driller training program early this fall. This program has support of industry and is funded by ED&T, KIA and KMTS and others. The program will be delivered in Arviat by Northern College (Kirkland Lake) in partnership with Nunavut Arctic College.

Part of the training will include hands-on practice with a diamond core drill. This drill uses water and produces rock floor mixed with water as a waste product. The course will run twice per year for a couple of weeks and will use up to a couple of hundred cubic metres of water.

The Hamlet is proposing a 'practice area', which is located east of the South end of the Arviat runway and accessible by road (see attached). This area is outside the airport reserve on Commissioner's land. This location is close to a pond (as a potential source of water) and the local sewage and solid waste sites as well as several pits (as potential sites for disposal).

We must be certain that all necessary permits are in place before the program can begin.

From our initial inquiries, it appears that the Hamlet would need:

- 1. A land lease or some form of permit from the Government of Nunavut - CGS.*
- 2. A permit from NIRB.*
- 3. A water license from NWB.*

Can you please confirm the above and direct us to the proper process for obtaining required permits. Any other advice or directions (potential restrictions and other requirements) to get us on the right track would be very much appreciated.

Thanks

Andrew Gamble

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