

From: [Bellizzi, Robert](#)
To: sjoseph@nunavutwaterboard.org
Cc: [Phyllis Beaulieu](#); [Andrew Keim](#); Eva.Schulz@aecom.com; Katherine.White@rmc.ca
Subject: DEW line permit questions: 1BR-FOD0813, FOX-3, Dewar Lakes
Date: Friday, August 13, 2010 9:21:03 AM

Hello Mr. Joseph:

My predecessor as Environment Officer for the DEW Line Clean Up Project, Doug Craig, requested clarification on a few points as they relate to WUL permit for FOX-3. Since May 7, 2010 we have not received clarification on these questions.

In the meantime, INAC conducted a water use license inspection at FOX-3 (1BR-FOD0813) on July 31, 2010 and raised the same questions we requested clarification on in May with regards to the permit issued by the Water Board. The following require clarification from the water board.

FOX-3: River Sampling

- According to the WUL, we are required to sample and test river samples upriver and downriver of an old landfill closest to the river. We would strongly suggest that this act of 'monitoring' is not useful given the large volume of water moving in the Macbeth River.
- Moreover, INAC inspector requested the institution of different 'monitoring' program including a TSS program on the Macbeth River.

DEW Line clean up project would like to note:

- We have noticed over the years working on DEW Line site that visual monitoring is just as effective, if not more so, compared to a TSS program. We can take photographs of the desired locations prior to work commencing and during work events.
- If there are additional locations to be added for 'monitoring' along the river, these additional sites must be directed by the NWB. For your reference, no other DEW Line sites that we have worked on requested river sampling in their respective Water Use Licenses.
- If additional sampling or analysis is to be required for FOX-3, including a TSS program, we defer to the NWB for direction.
- We have noticed that the mitigation measures employed along the Macbeth River have been effective in reducing sedimentation during construction activities. We hold a log of mitigation measures employed, identifying when the contractor puts the measure in place and their effectiveness.

FOX-3: incinerator

The site is required to operate forced air, fuel fired incinerators for all kitchen wastes and combustible non-hazardous material (cardboard, paper, etc.). The ash from the incineration process has always been landfilled on-site. These two permits have special conditions. First, is that the ash must be tested for leachate toxicity in accordance with the Transportation of Dangerous Goods Act. Please specify which leachate test is required, and for which parameters. Since this is domestic waste, one would not expect any significant levels of toxic metals, so we would expect that the list would be short. The second condition is that the ash, if it is to be disposed onsite, is to go into the Tier II landfill. This is not a problem. We require confirmation of acceptability on this process from the NWB.

Thanks for acknowledging receipt and for confirming NWB direction.

Many thanks, and I look forward to hearing from you regarding these issues.

Regards,

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

From: Sean Joseph [<mailto:sjoseph@nunavutwaterboard.org>]
Sent: Wednesday, 5, May, 2010 13:56 PM
To: Craig D@CAS D Air Prog@Ottawa-Hull
Subject: RE: DEW line permit questions

Good morning Douglas,

Thanks for the follow up and sorry for not getting by to you sooner. I respond to your questions by Friday, May 7, 2010.

Regards,

Sean

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

From: DOUGLAS.CRAIG@forces.gc.ca [<mailto:DOUGLAS.CRAIG@forces.gc.ca>]
Sent: Wednesday, May 05, 2010 6:33 AM
To: sjoseph@nunavutwaterboard.org
Subject: RE: DEW line permit questions

Good morning Sean,

Please acknowledge that you received the email.
Many thanks.

Douglas