

## Richard Dwyer

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**Subject:** FW: Kimmirut 3BM-KIM0911  
**Attachments:** Richard Dwyer.vcf

**From:** Roy, Bhabesh [mailto:BRoy@gov.nu.ca]  
**Sent:** January 21, 2010 6:52 AM  
**To:** Karlette Tunaley  
**Cc:** Fuentes, Patricio  
**Subject:** FW: Kimmirut

Morning karlette,  
Please see the respond below of your e-mail of Jan.18, 2010 from our consultant.

Thanks  
Bhabesh

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**From:** Steven Burden [mailto:Steven.Burden@trow.com]  
**Sent:** Thursday, January 21, 2010 8:42 AM  
**To:** Roy, Bhabesh  
**Subject:** FW: Kimmirut

Bhabesh

I don't know if you ever got the following response our email server had been acting up for a couple of days.

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Steven Burden, P.Eng.  
Trow Associates Inc.

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**From:** Steven Burden  
**Sent:** January 18, 2010 2:15 PM  
**To:** Roy, Bhabesh  
**Subject:** Kimmirut

Bhabesh

The operations of the lagoon was not intended to require a impermeable berm as there is to be continuous discharge during the summer month, therefore some seepage would not be detrimental to the operation. The fall operation is intended to occur during a time when the average temperature is below zero, therefore allowing the ice pack to form in the gulch. I would therefore suggest not starting operations until after the temperatures drop to below zero to ensure proper operations and retention times. This should closely correspond to the completion of construction.

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Steven Burden, P.Eng.  
Trow Associates Inc.

**From:** Roy, Bhabesh [mailto:BRoy@gov.nu.ca]  
**Sent:** January 18, 2010 12:47 PM  
**To:** Steven Burden  
**Cc:** Fuentes, Patricio  
**Subject:** FW: Kimmirut

Hi Steven,  
Please suggest how to reply this e-mail.

Thanks.  
Bhabesh

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**From:** Karlette Tunaley [mailto:ktunaley@envireview.ca]  
**Sent:** Monday, January 18, 2010 12:36 PM  
**To:** Roy, Bhabesh  
**Subject:** RE: Kimmirut

Thank you Bhabesh.

Could you also please confirm whether or not the lagoon berm must be frozen before commissioning and for operation?

Karlette

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**From:** Roy, Bhabesh [mailto:BRoy@gov.nu.ca]  
**Sent:** January 18, 2010 9:21 AM  
**To:** Karlette Tunaley  
**Cc:** Fuentes, Patricio  
**Subject:** RE: Kimmirut

Hi Karlette,  
I just came back to office. Sorry for the late reply. Right now we do not have any Plan for monitoring temperature in the berm.

Thanks

Bhabesh

**Bhabesh Roy, M.A.Sc., P.Eng.**  
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Community Government Services  
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**From:** Karlette Tunaley [mailto:ktunaley@envireview.ca]  
**Sent:** Wednesday, January 06, 2010 2:21 PM  
**To:** Roy, Bhabesh  
**Subject:** FW: Kimmirut

Hello Bhabesh  
I sent you the email below in December following the teleconference and was wondering if you could provide a response to my question.  
Thank you

Karlette

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**From:** Karlette Tunaley [mailto:[ktunaley@envireview.ca](mailto:ktunaley@envireview.ca)]

**Sent:** December 10, 2009 11:13 AM

**To:** 'broy@gov.nu.ca'

**Cc:** 'dts@nunavutwaterboard.org'

**Subject:** Kimmirut

Hi Bhabesh

I was wondering if you could clarify something for me. During Monday's teleconference on the Kimmirut file, it was mentioned that following construction of the lagoon berms, one winter season was required to ensure that the berms were frozen before commissioning. However, we cannot find anything in the application files (including the 2008 amendment) to indicate that the lagoon berms need to be frozen for operation. If the berms do need to be frozen, are there any plans to monitor for temperature?

Thanks for your assistance.

Karlette

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