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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

May 15th, 2006

File: NWB3CAP
Email: hhartmaier@bgcengineering.ca

Holger Hartmaier
Senior Geotechnical Engineer
BGC Engineering Inc.

Subject: Cape Dorset Sewage Lagoon Water Licence Amendment – Geotechnical Review

Dear Mr. Hartmaier:

The Nunavut Water Board (NWB) requests a geotechnical review of materials filed for an amendment application for the Hamlet of Cape Dorset's water licence (NWB3CAP0207). Internet links to the final design and tender documents prepared by Dillon Consulting can be found at:

Final Design:

<http://ftp.nunavut.ca/nwb/3BM/3BM-CAP/060130NWB3CAP%20P%20Lake%20Area%20Sewage%20Lagoon%20System-IACE.pdf>

Construction Tender and Geotechnical Investigation

<http://ftp.nunavut.ca/nwb/3BM/3BM-CAP/060313NWB3CAP%20Construction%20Tender-IACE.pdf>

The NWB requests BGC's geotechnical opinion of the above listed design and construction tender sections with main focus into any engineering and construction aspect involving the containment function of the sewage lagoon or instances where design or construction practices may allow the deposition of waste may enter freshwaters. Only sections of the above internet linked documents pertain to these provisions.

In addition to a geotechnical review of the final design and construction tender the NWB seeks assistance from BGC to consult and comment on the following Intervener remarks filed during the application review period:

- i. **Environment Canada: NWB3CAP – Hamlet of Cape Dorset – Submission of P Lake Area Sewage Lagoon System & Complete Construction Tender** (Dated: May 1st, 2006)
 - a. *Hydrology: Bullets 1 and 2*
- ii. **Indian and Northern Affairs Canada: NWB3CAP – Hamlet of Cape Dorset – P Lake Area Sewage Lagoon System Final Design Report and Complete Construction Tender** (Dated: May 2nd, 2006)
 - a. *Indian and Northern Affairs Canada's Comments: Bullets 2, 3 and 4*

The NWB requests that BGC comments developed from the above listed bullets give guidance to the Reviewer (Joe Murdock) in what would be an appropriate response. The above listed Intervener comments have been attached via the covering email to this letter.

Should you have any questions regarding the above, please feel free to contact me at (867) 360-6338.

Sincerely,

Original signed by:

Joe Murdock
Technical Advisor