From: Joe Murdock [tech1@nwb.nunavut.ca]
Sent: Friday, September 01, 2006 8:40 AM
To: Roy, Bhabesh
Cc: Fuentes, Patricio; Palluq, Johnathan; Toonoo, Timoon; Josh Hunter SAO; Dawe, John; Phyllis Beaulieu; licensingtrainee@nwb.nunavut.ca
Subject: 060901 3BM-RUT GN Utilidor Licence in Hamlet of Resolute Bay

Bhabesh,

Further to our discussion yesterday I would like to reiterate some of the issues that we covered regarding water licensing and the Hamlet of Resolute Bay.

- As identified in your letter to me dated August 24th, 2006, and our telephone discussion the GN is the owner-operator of the Resolute Bay Utilidor.
- As per our conversation there is a need to withdraw (through a formal letter from the GN to the NWB) your previous application and submit a new application for the utilidor system only. As I had discussed, the GN's current application calls to licence all of the Hamlet's facilities.
- You had advised me that you will be personally assisting the Hamlet of Resolute Bay in filing a separate water licence application. The Hamlet's application will cover all other municipal facilities. As a first step the Hamlet is to reply to my August 22nd, 2005 letter and outline what facilities they currently own and operate in Resolute Bay. As a second step the Hamlet is to also withdraw their current water licence application (through a formal letter from the Hamlet to the GN) as their current application calls to licence the utilidor and all municipal facilities. After these 2 steps have been completed then the NWB can give additional direction with respect to the Hamlet's water licence.
- The GN Licence for the Utilidor will be referred to as 3BM-RUT whereas the Hamlet's municipal water licence will be referred to as 3BM-RES here on in.
- Regarding the information that needs to be presented for the GN licence (3BM-RUT), the GN must effectively communicate how the system contains waters and wastes. Consideration, through appropriate engineering communication, must also be given to how waters and wastes are brought into the system (inlet) and how waters and wastes will be discharged from the system (outlet). A semi-concise plan should also be created to detail how the Utilidor will be operated and maintained (Operations and Maintenance Plan) and what contingencies are in place if upsets occur in the Utilidor system (Emergency Response Plan). If you require assistance in refining the contents of these plans please feel free to contact me as need be.

Please do call me when you are completing the water licence applications and there is a lack of clarity. Also please do call if you have any other questions. I have cc'ed the Hamlet of Resolute Bay on this email for your information.

Regards,

Joe Murdock
Director of Technical Services
Nunavut Water Board

Canadian Geotechnical Society Cold Regions Geotechnology Division

----- Original Message -----
From: Roy, Bhabesh
To: Joe Murdock
Cc: Fuentes, Patricio ; Palluq, Johnathan ; Toonoo, Timoon ; Josh Hunter SAO ; Dawe, John
Sent: Wednesday, August 23, 2006 12:52 PM
Subject: Resolute Bay water License

Department of Community and Government Services,
Ministère des Services communautaires et gouvernementaux
Regional Municipal Planning Engineer
Baffin Region, Nunavut

August 24, 2006

Joe Murdock
Coordinator of Technical Services
Nunavut Water Board
Gjoa Haven
Nunavut

Dear Joe,
I am writing you to clarify some of the conflicting impressions surrounding the ownership of the water system in Resolute Bay, and in particular, how it relates to the water license application.

Resolute Bay has had an utilidor water/sewage system since the mid-1970s. This system consists of an underground insulated piped system to distribute potable water to each of the houses within the main community, and a piped sewage system. Throughout the hamlet, vaults provide access in time of repair or thawing.

Water is taken up at an intake pump house at Char Lake and pumped to Signal Hill water treatment plant, from which it is pump fed to the houses below.

Presently, the utilidor is undergoing major repair and expansion. It should be noted that, since they are a considerable distance away, the potable water and wastewater systems at the airport are separate, and are under the aegis of the Department of Economic Development and Transportation. Any homes and other buildings near the airport receive Truck water and Sewage services.

As you know, under the Nunavut Land Claims Agreement, it is envisioned that each community will have ownership (and thus take responsibility for maintaining) all their infrastructure and public works. Clearly, water systems fall under this category. However, due to the recent nature of disrepair of the utilidor, the government of Nunavut has not yet transferred ownership to the hamlet. Thus, CGS is maintaining the water and sewage system for the community. At present, this is being handled through the O&M division at Cambridge Bay, although at some time in the near future this will be transferred to the Baffin Region.

As soon as the GN and the hamlet of Resolute Bay are comfortable with the situation with the utilidor, and all upgrades are completed, the ownership will be transferred, bringing this issue in line with the intent of the Land Claims Agreement, where, in essence, it is the responsibility of the communities to provide water and other public works services.

Therefore, the GN will proceed to apply for water License. Soon after the renovations are completed, the License

will be transferred to the Hamlet.

Should you require any more information, please contact me.

Sincerely,

Bhabesh

Bhabesh Roy, M.A.Sc., P.Eng.
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cc: Josh Hunter, SAO, Resolute Bay
        John Dawe, Acting Director of Capital Planning, CGS
        Patricio Fuentes, Regional Project Manager, CGS, Baffin Region
        Johnathan Palluq, Assistant Regional Director, CGS, Baffin Region
        Timoon Toonoo, Regional Director, CGS, Baffin Region