



NWB Tools

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## Whale Cove Amendment Application enquiry

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Sergey Kuflevskiy &lt;sergey.kuflevskiy@nwb-oen.ca&gt;

Fri, Jun 10, 2022 at 3:00 PM

To: "Chalmers, Elan" &lt;echalmers@gov.nu.ca&gt;

Cc: Karén Kharatyan &lt;karen.kharatyan@nwb-oen.ca&gt;, Richard Dwyer &lt;richard.dwyer@nwb-oen.ca&gt;, "Collins, Sarah" &lt;SCollins@gov.nu.ca&gt;

Hi Elan,

I have a question regarding the Amendment Application the GN-CGS filed for the Whale Cove Water Licence No. 3BM-WHA2126.

In the cover letter, the GN-CGS is requesting the following:

*"to remove to remove the requirement for an engineer to inspect the water and waste infrastructure annually. The Municipality does not have engineers available who are trained to conduct water or waste facility inspections. Engineers cannot misrepresent their area of expertise according to NAPEG's Code of Ethics Rules of Conduct".*

The NWB would like to remind the Licensee that the condition included under **Part F, Item 4** of the Licence allowing for such annual inspections to be completed and summarised by a Municipal Engineer was included specifically at the request of the Licensee (please see the attached correspondence from Megan Lusty (GN-CGS) to Phyllis Beaulieu (NWB), dated January 25, 2015):

*"CGS is requesting, on the behalf of the Hamlet, that this condition be modified to allow for the CGS Municipal Engineer to perform the annual inspection of the berms and engineered facilities related to the management of water and waste. This will allow for annual inspection to occur without the high costs to the Hamlet associated with bringing in a consulting geotechnical engineer. If any issues are found with the berms or other structures, appropriate measures for further study or repair will be taken. The Annual Report Card, including berm inspection, and any follow-up measures will be reported in the Annual Report."*

The NWB understands the elevated costs in Nunavut associated with hiring professional consultants including geotechnical engineers, especially for municipalities which often possess limited financial resources. However, the Board feels that the total absence of geotechnical assessment for engineered facilities during a licence-term constitutes an unacceptable risk for the structural integrity of the facilities, and thereby the facilities' ability to manage or process water resources effectively. To mitigate this dilemma, the Board allowed for annual inspections of all engineered facilities related to management of water and waste to be completed by a Municipal Engineer.

The NWB is concerned that if no inspections are conducted by a Professional Engineer on an annual basis, there might be a potential risk to human health, if the first signs of potential future failures of the engineered facilities are not caught on time.

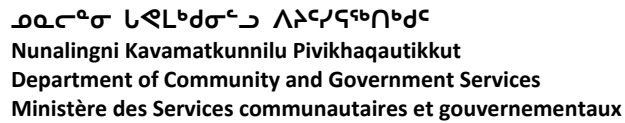
Regards,





Phyllis Beaulieu  
Manager of Licensing  
Nunavut Water Board  
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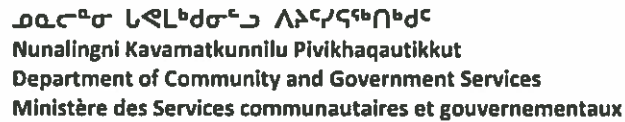


3. *Part G, Item 2: The Licensee shall submit to the Board for approval in writing, within six (6) months of Licence issuance, an Abandonment and Restoration Plan for the old sewage lagoon.*

The 2009 INAC Inspection Report contains the following comment: “Sewage from the community is taken to a dumping station where it is released into a lowland area adjacent to the municipal dump. No lagoon is present in the community”. This report is included in the application package as it provides additional confirmation that there is no old sewage lagoon in Chesterfield Inlet that requires an abandonment and restoration plan.

This application contains the following supporting documents:

- Water Licence No. 3BM-CHE1013  
Hamlet of Chesterfield Inlet, Nunavut



- **Water, Sewage and Solid Waste Operations and Maintenance Manual, Chesterfield Inlet, NU (Nunami Stantec, May 2010), containing:**
  - o **Water Distribution System Operations and Maintenance (Section 3);**
  - o **Sewage Disposal Facility Operations and Maintenance (Section 4);**
  - o **Solid Waste Disposal Facilities Operations and Maintenance (Section 5);**
  - o **Emergency Response Plan (Section 6); and**
  - o **Spill Contingency Plan (Section 6.2).**

*M. J. J.*

**Megan Lusty, EIT**  
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