



Since 1957

2650 Queensview Drive
Suite 100
Ottawa, ON
K2B 8H6

Tel: (613) 688-1899
Fax: (613) 225-7337

Buildings

Environment

Geotechnical

Infrastructure

Materials & Quality

Integrated
Solutions
That Make Sense

www.trow.com



October 26, 2010

Ref: OTCD00018881A

Mr. Pat Fuentes
Community & Government Services
Baffin Region, Government of Nunavut
P.O. Box 379
Pond Inlet, NU X0A 0S0

Via Facsimile: 867-899-7328

**Monitoring Program
Kimmirut Sewage Lagoon**

Dear Mr. Fuentes:


Further to our conversation of October 20, 2010 to facilitate construction and commissioning of the Kimmirut's wastewater facility it is recommended that the Government of Nunavut adopt the condition for expanded monitoring of the effluent. As requested, we put forth the following monitoring program to facilitate the approvals for the Kimmirut wastewater treatment facility.

1. Prior to the discharge of any effluent to the wetlands a sample of the existing drainage from the wetlands should be taken at the wetlands' outlet. This sample will provide a background or benchmark level of the existing quality of the water flowing out of the wetlands.
2. A sampling program includes three events per year at the outlet of the sewage lagoon, which will also serve as a compliance point for the wastewater treatment facility. These events should occur at start of decant, middle of decant and the end of decant.
3. To correspond with the second sampling event at the compliance point a sample shall be taken at the end of the wetlands. This sample corresponding to an event at the end of the sewage lagoon will allow for the calibration of the wetlands' ability to treat the effluent.
4. The sampling at the end of the wetlands should be undertaken for three consecutive years, after which the performance of the wetlands should be determined.
5. The water samples will be tested in the accredited lab and the test results will be submitted to NWB along with the Hamlet annual report.
6. A location plan of the sampling points with GPS coordinates following the guidelines of the Hamlet Current WL 3BM-KIM 0911 will be submitted.

Should you have additional questions on the above program or require assistance in dealing the regulatory agencies please do not hesitate to contact Steven Burden at 613-688-1899 ext. 3257

Yours truly,
Trow Associates Inc.


Matthew Berrigan, EIT
Junior Engineer
Infrastructure Services


Steven L. Burden, P.Eng.
Senior Project Manager
Infrastructure Services