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Nunalingni Kavamatkunillu Pivikhaqautikkut
Department of Community Government Services
Ministère des Services communautaires et gouvernementaux

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0

June 09, 2009

Sub: Renewal Water License Application for the Hamlet of Pond Inlet :
License Number **NWB 3PON0409**

Dear Phyllis,

I am writing you in response to the letters of David Hohnstein, C.E.T., A/Director Technical Services of dated May 11, 2009 and May 21, 2009 to clarify the issues mentioned in those letters. Please find attached the Hamlet annual report which is self explanatory. In this report these issues have been clarified. The following supporting documents are attached:

1. Sewage Lagoon effluent Laboratory test results of 2007 and 2008.
2. Sewage Lagoon as built drawings.
3. Land farm O&M manual along with the as built drawings.

I believe that the annual report and these supporting documents are sufficient enough to satisfy the requirements for the renewal of the Hamlet Existing Water license for next 5 (five) yrs.

If you have any question or concern, please do not hesitate to contact me at any time.

Thanks.

Bhabesh Roy, M.A.Sc., P.Eng.
Municipal Planning Engineer
Community & Government Services
Baffin Region, Government of Nunavut
P.O.Box 379, Pond Inlet, X0A 0S0
Ph-867 899 7314
Fax-867 899 7328
E-mail: broy@gov.nu.ca

Copy to : Patricio Fuentes, Regional Projects Manager, GN-CGS, Baffin Region
Johnathan Palluq, Assistant Regional Director, GN-CGS, Baffin Region
Timoon Toonoo, Regional Director, GN-CGS, Baffin Region
Roy Green, Director, GN-CGS, Capital Planning, Iqaluit.
Mike Richard, SAO, Hamlet of Pond Inlet

ANNUAL REPORT
FOR THE HAMLET OF Pond Inlet, Baffin Region, Nunavut

YEAR BEING REPORTED: 2008

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence (license number) issued to the **Hamlet of Pond Inlet, Nunavut**

- i)- iii) tabular summaries of all data generated under the "Monitoring Program"; monthly and annual quantities in cubic metres of freshwater obtained from all sources; monthly and annual quantities in cubic metres of each and all wastes discharged;

Attached are results for Monitoring station XXX-1, XXX-2, XXX-3 and XXX-4, as well as detailed chemical, physical and biological analysis required at XXX-2 and XXX-4 (for the months of May to August, inclusive)

Month Reported	Quantity of Water Obtained from all sources (m ³)	Quantity of Sewage Waste Discharged (m ³)
January	32.60	same
February	31.24	same
March	35.30	same
April	31.13	same
May	33.29	same
June	32.20	same
July	31.88	same
August	34.08	same
September	33.43	same
October	35.03	same
November	31.93	same
December	32.52	same

ANNUAL REPORT FOR THE HAMLET OF Pond Inlet, Baffin Region, Nunavut

ANNUAL TOTAL	394.63	same
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Please indicate volumes in cubic metres - 1 cubic meter equals 1000 litres

- iv. a summary of modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures and facilities;

No modification and /or major maintenance work was carried out during the life time of the water license on Water supply and Waste disposal facilities.

- v. a list of unauthorized discharges and summary of follow-up action taken;

Nil

- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

There is a plan for decommissioning of the existing sewage lagoon once fund is available. Improvement of the landfill site and development of the O&M manual are also in the program once capital funds are made available.

- vii. a summary of any studies requested by the Board that relate to waste disposal, water use or reclamation, and a brief description of any future studies planned;

INAC requested the followings: (1) Develop a QA/QC plan, (2) Develop O&M manual for solid wastes, (3) Monitoring program and (4) Abandonment and Restoration plan These works have not been completed yet due to the availability of funding.

- viii. any other details on water use or waste disposal requested by the Board by December 6, 2007.

Wastewater effluent samples collected, tested and attached for analysis as the requirement of the monitoring program.

- ix. 1st of the year being reported; and

NIL

ANNUAL REPORT FOR THE HAMLET OF POND INLET

x. **updates or revisions to the approved Operation and Maintenance Plans.**

Right now the hamlet has O&M manual for Water supply, Sewage lagoon and Land farm. No revision was made on them. O&M manual of Solid waste management will be developed after the land fill is updated and capital funds are made available.

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

1. The old sewage Lagoon will be decommissioned once fund is available.
 2. The O&M manual of solid waste management will be developed once funds are allocated.
 3. SAO has been advised to prepare annual report for the Board in time.
 4. SAO has been advised to develop a monitoring program as required by the Board.
-

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

The Municipality of Pond Inlet is planning to satisfy the requirements of INAC inspection report dated December 6, 2007.

- 1. Submit an application for renewal of the existing water License:**
Action taken: A renewal application was submitted to NWB dated March 6, 2009.
- 2. Submit required Annual Report:**
Action taken: Annual Report for 2008 is attached.
- 3. Develop a Quality assurance/Quality control plan:**
Action taken: This plan will be scheduled to develop with the restoration plan of the old sewage Lagoon once fund is available.
- 4. Develop a solid waste disposal operations and maintenance manual:**
Action taken: This plan will be developed with the upgrading program of the Solid waste management of the community once the capital funding is available.
- 5. Address concerns identified by the inspector concerning the sewage Lagoon:**
Action taken: Water samples inside the lagoon and outside of the lagoon were tested in an accredited laboratory in Ottawa and found that outside surface water has no sewage water character. It means that there is no scientific proof that the berm is leaking. Test results are attached.

ANNUAL REPORT FOR THE HAMLET OF POND INLET

6. **Submit the required Abandonment and Restoration Plans as required:**
Action taken: Capital fund is required to develop this plan. This will be scheduled with the decommissioning plan of the old sewage lagoon.

6. **Collect and submit for analysis the samples required on the Monitoring Program:**
Action taken: Wastewater effluent samples were collected during decanting and tested in the accredited lab. The Test results are attached.

C.O.C.: ---

REPORT No. B08-35297

Report To:

Hamlet of Pond Inlet
P.O Box 379
Pond Inlet, Nunavut, X0A 0S0

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa, Ontario, K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

Attention: Jonah Koonark

DATE RECEIVED: 22-Oct-08

JOB/PROJECT NO.:

DATE REPORTED: 27-Oct-08

P.O. NUMBER:

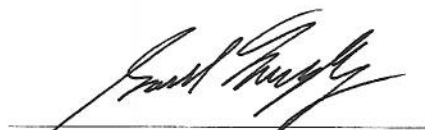
SAMPLE MATRIX: Water

WATERWORKS NO.

			Client I.D.:		Beach Sample			
			Sample I.D.:		B08-35297-1			
			Date Collected:					
Parameter	Units	M.D.L.	Reference Method	Date/Site Analyzed				
Total Suspended Solids	mg/L	3	SM 2540	23-Oct-08/O	36			
BOD	mg/L	3	SM 5210	22-Oct-08/O	67			

M.D.L. = Method Detection Limit

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,P-Peterborough,M-Moncton



Gord Murphy

Lab Supervisor

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

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C.O.C.: ---

REPORT No. B07-31475

Report To:

Hamlet of Pond Inlet
P.O Box 379
Pond Inlet, Nunavut, X0A 0S0

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa, Ontario, K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 12-Oct-07

DATE REPORTED: 15-Oct-07

SAMPLE MATRIX: Water


JOB/PROJECT NO.:

P.O. NUMBER:

WATERWORKS NO.

Parameter:		Total Coliform	E coli			
Units:		cts/100mL	cts/100mL			
M.D.L.:		1	1			
Reference Method:		MOE E3371	MOE E3371			
Date Analyzed:		12-Oct-07	12-Oct-07			
Client I.D.	Sample I.D.	Date Collected				
Lagoon Raw Water	B07-31475-1		> 200000	> 200000		
Leakage Water	B07-31475-2		53000	< 10 ¹		
Fresh Water from Water Reservoir	B07-31475-3		5	< 1		
Treated Water from Supply Line	B07-31475-4		1	< 1		

1. Diluted due to matrix interference


Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

Accredited by the Standards Council of Canada and CAEAL for specific tests.

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C.O.C.: ---

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Report To:

Hamlet of Pond Inlet
P.O Box 379
Pond Inlet, Nunavut, X0A 0S0

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa, Ontario, K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 12-Oct-07

DATE REPORTED: 23-Oct-07

SAMPLE MATRIX: Water


JOB/PROJECT NO.:

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.:		Lagoon Raw Water	Leakage Water	Fresh Water from Water Reservoir	Treated Water from Supply Line
			Sample I.D.:		B07-31475-1	B07-31475-2	B07-31475-3	B07-31475-4
			Date Collected:					
Parameter	Units	M.D.L.	Reference Method	Date Analyzed				
Total Coliform	cts/100mL	1	MOE E3371	12-Oct-07	> 200000	53000	5	1
E coli	cts/100mL	1	MOE E3371	12-Oct-07	> 200000	< 10	< 1	< 1
BOD	mg/L	3	SM 5210	17-Oct-07	99	54	--	--
Total Suspended Solids	mg/L	3	SM 2540	16-Oct-07	34	156	--	--

1. Diluted due to matrix interference


Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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C.O.C.: ---

REPORT No. B07-34682

Report To:**Hamlet of Pond Inlet**

P.O Box 379

Pond Inlet, Nunavut, X0A 0S0

Attention: Jonah Koonark**Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa, Ontario, K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 12-Nov-07

JOB/PROJECT NO.:

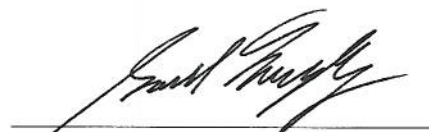
DATE REPORTED: 20-Nov-07

P.O. NUMBER:

SAMPLE MATRIX: Water

WATERWORKS NO.

			Client I.D.:		Truck Dumping Place			
			Sample I.D.:		B07-34682-1			
			Date Collected:					
Parameter	Units	M.D.L.	Reference Method	Date Analyzed				
Total Suspended Solids	mg/L	3	SM 2540	18-Nov-07	180			
BOD	mg/L	3	SM 5210	13-Nov-07	427			



Gord Murphy

Lab Supervisor

M.D.L. = Method Detection Limit

Accredited by the Standards Council of Canada and CAEAL for specific tests.

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C.O.C.: ---

REPORT No. B07-31475

Report To:

Hamlet of Pond Inlet
P.O Box 379
Pond Inlet, Nunavut, X0A 0S0

Attention: Bhabesh Roy

Caduceon Environmental Laboratories

2378 Holly Lane
Ottawa, Ontario, K1V 7P1
Tel: 613-526-0123
Fax: 613-526-1244

DATE RECEIVED: 12-Oct-07

DATE REPORTED: 23-Oct-07

SAMPLE MATRIX: Water


JOB/PROJECT NO.:

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.:		Lagoon Raw Water	Leakage Water	Fresh Water from Water Reservoir	Treated Water from Supply Line
			Sample I.D.:		B07-31475-1	B07-31475-2	B07-31475-3	B07-31475-4
			Date Collected:					
Parameter	Units	M.D.L.	Reference Method	Date Analyzed				
Total Coliform	cts/100mL	1	MOE E3371	12-Oct-07	> 200000	53000	5	1
E coli	cts/100mL	1	MOE E3371	12-Oct-07	> 200000	< 10	< 1	< 1
BOD	mg/L	3	SM 5210	17-Oct-07	99	54	--	--
Total Suspended Solids	mg/L	3	SM 2540	16-Oct-07	34	156	--	--

1. Diluted due to matrix interference


Gord Murphy
Lab Supervisor

M.D.L. = Method Detection Limit

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