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Inuvialuit Projects Inc (2003)

107 Mackenzie Rd, Bag Service #7, Inuvik, NT X0E 0T0

Tel: (867) 777-2419 Fax: (867) 777-3256 www.idc.inuvialuit.com

Mr. Gordon Wray, Chairman
Northwest Territories Water Board
2nd Floor Goga Cho Building
4916 47th Street
PO Box 1326
Yellowknife, NT
X1A 2N9

October 29, 2004

RE: WATER LICENSE N7L1-1798 FINAL REPORT



Dear Mr. Wray

Inuvialuit Projects Inc. (2003) (IPI) is pleased to submit its Final Report for water license No. N7L1-1798 issued for camp facilities located at Kittigazuit, 37 kilometers south west of Tuktoyaktuk, Northwest Territories.

The required information as directed in the water license is provided below:

- From July 28 – July 31 - 90.5 cubic meters of fresh water was obtained from the Town of Inuvik, Northwest Territories. Water was transported to the NTCL Barge Camp 701 located at the NTCL dock in Inuvik via water trucks, and pumped into 12 below deck holding tanks.
- Operations at the Kittigazuit remediation site commenced on August 2 and ended on August 28, 2004. During this time all waste water was treated using an onboard (Orca 11-A) waste water treatment plant. All treated wastewater was stored onsite in a 64 cubic meter tank located on the beach. Approximately 60 cubic meters of wastewater (grey and black water) was generated during this project. Because the waste water did not meet the water license analytical parameters, no waste water was discharged into the receiving waters of the Mackenzie River. During time of demobilization of the camp barge and all other equipment onsite, it was impossible to load the holding tank onto the barge. On October 10 all wastewater was transferred from the onsite 64 cubic meter holding tank to a 70 cubic meter holding tank located on a NTCL barge. All waste water, including the empty 64 cubic meter tank, was transported to Inuvik, Northwest Territories where it was disposed in the Town of Inuvik sewage lagoon, following permission from the appropriate town representatives. Waste water was transported from the NTCL yard in Inuvik to the sewage lagoon using vacuum trucks.
- Sampling of wastewater from the storage tank for Station Number 1798-1 was conducted on August 17. Results of the sampling program are appended to this report. pH, and Total

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Suspended Solids were below water license guidelines, while BOD, Faecal Coliforms, and Oil and Grease, were above water license guidelines. Holding time for Residual Chlorine was exceeded, and no analysis was possible.

- d) No modifications were conducted on the water supply or water holding tanks described in the water licence. As well no modifications were conducted on the wastewater treatment plant, as described in the water licence.
- e) Modifications were conducted on effluent release piping. Piping was altered in order to pump treated effluent to the on-site storage tank, rather than receiving waters. Effluent was pumped approximately 50 meters to the on-site storage tank using 2" flex pipe.
- f) No spills and/or unauthorized discharges occurred during operations at the Kittigazuit site.

I trust that you will find all the information you require. If you require additional information, please do not hesitate to call David Wells, at (867) 777-7062, or email dwells@idc.inuvialuit.com.

Sincerely,

David Wells, M.A.Sc

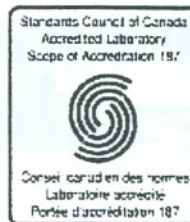
Project Manager



Taiga Environmental Laboratory

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3

Tel: (867)-669-2788 Fax: (867)-669-2718



- FINAL REPORT -

Prepared For: Inuvialuit Project Inc

Address: Suite 203, 107 MacKenzie Road
Bag Service #7
Inuvik, NT
X0E 0T0

Attn: D. Wells

Facimile: (867) 777-3256

Final report has been reviewed and approved by:

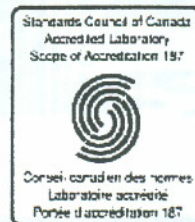
R. Shane Harnish
Quality Assurance Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Standards Council of Canada (SCC) as a testing laboratory for specific tests registered with the Council.
- Routine methods are based on recognized procedures from sources such as
 - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
 - Environment Canada
 - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.



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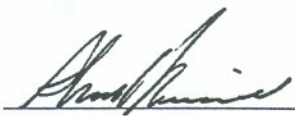


- CERTIFICATE OF ANALYSIS -

Client Sample ID: Station # 1798-1

Taiga Sample ID: 242260

Client Project:
Sample Type: wastewater
Received Date: 18-Aug-04
Sampling Date: 17-Aug-04
Location: Lat 69 16'55.71" N, Long 133 54'31.80"W

Approved By 
R. Shane Harnish
Quality Assurance Officer

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Physicals						
Chlorine, Residual			mg/L		SM4500-Cl:G	42
pH	7.18	0.05	pH units	24-Aug-04	SM4500-H:B	
Solids, Total Suspended	47	3	mg/L	23-Aug-04	SM2540:D	
Nutrients						
Biological Oxygen Demand	218	2	mg/L	19-Aug-04	SM5210:B	
Microbiology						
Coliforms, Fecal	380000	10000	CFU/100mL	18-Aug-04	SM9222:D	
Organic						
Hexane Extractable Material	20	5	mg/L	22-Aug-04	EPA1664a	

- DATA QUALIFIERS -

Data Qualifier Descriptions:

42 Login error, holding time exceeded, analysis not possible.



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- CERTIFICATE OF ANALYSIS -

Client Sample ID: Station # 1798-1

Taiga Sample ID: 242260

* Taiga analytical methods are based on the following standard analytical methods

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency