



Indian and
Northern Affairs

Affaires indiennes
et du Nord

Northern Affairs Program
P.O. Box 100
Frobisher Bay, N.W.T.
XOA OHO

October 25, 1982

Mr. Daniel Jaypoody
Secretary Manager
Hamlet of Clyde River, NWT

Your file Votre référence

Our file Notre référence

B9546-11

Dear Daniel:

4571-1-9

Re: Inspection of Hamlet of Clyde River Municipal
Water Services August 25, 1982

*Inspection
Dist. hnt -*

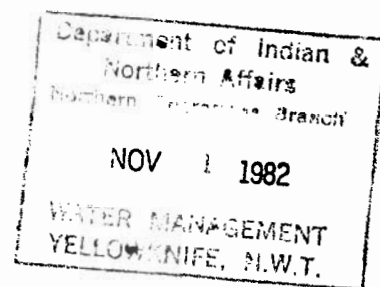
Attached is a copy of a memo which records the information
I obtained during my visit in August.
If there are any questions or suggestions please contact
me at 979-6369.

Yours truly

Peter Bannon

Peter Bannon
Water Resources Officer
Baffin District

cc K. Schiller
. N. Bryant





File 

FROM / DE Peter Bannon
Water Resources Officer

SECURITY - CLASSIFICATION - DE SÉCURITÉ
OUR FILE - N° RÉFÉRENCE B9546-11
YOUR FILE - V° RÉFÉRENCE
DATE October 15, 1982

SUBJECT / OBJET

Inspection of Hamlet of Clyde River Municipal Water Services
August 25, 1982

On August 25, 1982, I met with Daniel Jaypoody, the Secretary Manager of the Hamlet of Clyde River, and an inspection of the existing water supply and sewage disposal services was carried out. An explanation of the Water Licencing procedures was given as well as our Department's role in that process.

Water Supply

The water supply is a lake fed by a series of lakes and streams and is situated about 1 kilometer from the Hamlet. Water is delivered by truck to the settlement. Mr. Jaypoody stated that the Hamlet were satisfied with the quality of the water. Water samples were collected at the time of the inspection, and the results, which showed an acceptable quality of water is attached.

Sanitary Waste Disposal

The population of Clyde River is about 465 people who reside in approximately 100 houses / buildings. Of these, about 20 houses are on full pumpout service and 80 are on bagged sewage and grey water discharge to the ground adjacent to the houses. The bagged sewage is disposed of in a segregated area of the solid waste dump as is the pumpout sewage. Although the areas are segregated now, past practices have resulted in a hap hazard disposal of metal wastes, combustible wastes and sewage which is still evident. Runoff from the dump is quite apparent from the erosion from the dump to the sea coast about 0.5 kilometers away. ~~XXXX~~ It may be possible that this erosion was a past streambed. At the time of the inspection a new dump site had been selected and a new road now being surveyed to the site. The new site is about 0.5 to 1 kilometer inland from the present site. The new site should prove to be much more acceptable than the site now in use.

The disposal of grey water at the units observed appeared satisfactory.



Peter Bannon

cc. N. Bryant

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

WATER RESOURCES DIVISION -- NORTHWEST TERRITORIES -1-9

REQUEST FOR AND RESULTS OF LABORATORY ANALYSIS

LICENCEE <i>Clyde River</i>		LICENCE NO. <i>—</i>		LOCATION <i>Clyde River</i>	
DATE SAMPLED <i>25 Aug 82</i>		DATE RECEIVED <i>Aug. 30, 82</i>		DATE ANALYZED <i>Sept 24</i>	
SAMPLE					
STATION NUMBER	<i>Clyde-1-1</i>	<i>Clyde-1-2</i>	<i>Clyde-1-3</i>		
LABORATORY NUMBER	<i>21622</i>	<i>21623</i>	<i>21623</i>		
ANALYSIS REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
pH (units)	<input checked="" type="checkbox"/> <i>6.5</i>				
Sp. Cond. (umho/cm)	<input checked="" type="checkbox"/> <i>17</i>				
Dissolved Oxygen					
Turbidity (JTU)	<input checked="" type="checkbox"/> <i>1.8</i>				
Colour (colour U.)					
Suspended Solids	<input checked="" type="checkbox"/> <i><5</i>				
TDS, Residue	<input checked="" type="checkbox"/> <i>6.8</i>				
Oil & Grease					
Phenols					
Calcium	<input checked="" type="checkbox"/> <i>0.4</i>				
Magnesium	<input checked="" type="checkbox"/> <i>0.6</i>				
Tot. Hardness [as]	<input checked="" type="checkbox"/> <i>3.5</i>				
Tot. Alkalinity [as CaCO ₃]	<input checked="" type="checkbox"/> <i>3.3</i>				
Sodium	<input checked="" type="checkbox"/> <i>1.2</i>				
Potassium	<input checked="" type="checkbox"/> <i>0.4</i>				
Tot. Coliform [ent/100]					
Faecal Coli. [100]					
Faecal Strept. [1]					
BOD ₅					
COD					
Carbon, IC					
Carbon, TOC					
Total Cyanide					
Chloride	<input checked="" type="checkbox"/> <i>2.4</i>				
Sulfate	<input checked="" type="checkbox"/> <i><1.0</i>				
Sulfide					
Nitrate-Nitrogen [as N]					
Nitrate-Nitrite [as N]	<input checked="" type="checkbox"/> <i><0.04</i>				
Ammonia Nitrogen [as N]					
Ortho Phosphate [as P]					
Total Phosphate [as P]					
Fluoride [as F]					
Barium [as Ba]					
Cadmium [as Cd]					
Copper [as Cu]					
Iron [as Fe]					
Manganese [as Mn]					
Mercury [as Hg]					
Nickel [as Ni]					
Vanadium [as V]					
Zinc [as Zn]					
Chromium T					

All results are expressed in mg/l except as indicated in brackets ().
 O-P = ortho phosphate; TDS = total dissolved solids and is the filterable residue, dried at 105°C; T = Total; E = Extractable; D = Dissolved;
 IC = inorganic carbon; TOC = total organic carbon.