

4571-1-19



GOVERNMENT OF THE NORTHWEST TERRITORIES
CANADA

PLEASE QUOTE

FILE 70-051



Yellowknife, N.W.T.,
XOE 1H0,
8 February, 1974.

Mr. D. Gee,
Regional Manager,
Water, Forests and Lands,
Department of Indian and
Northern Affairs,
P.O. Box 1500,
YELLOWKNIFE, N.W.T.
XOE 1H0

Dear Sir:

Fort Norman Water Supply Study

SEE 'REPORTS'

Enclosed please find one (1) copy of Canada North Engineering's Study Report on water supply for this community. I would be most grateful if you would review the report at your convenience, and forward any comments to my attention.

Yours truly,

Rich Feilden,
Project Manager,
Project Management Division,
Department of Public Works.

Encl. (1)

*Will Rich Feilden
Does your section
have any comments?
G*

*Preliminary Draft 139
by J. W. Steele
February, 1971*

Clyde

Location: Lat. 70°25'N, Long. 68°30'W.
On east coast of Baffin Island

Population: 120 and 250 in the area

Sources of Information: - Northern Settlements, Ottawa, 1966
- Development Report, F.J. Williams
Assoc., 1965 and amendment 1966

Water

The settlement has been relocated recently because of poor impervious soil conditions and lack of gravel at the old site. At present, the whole town is on a trucked water delivery system. Construction of utilidor from a nearby perched lake was scheduled to begin this summer (1970). This water pipe would have a drop of 75 feet over its length of 4000 feet and would be gravity fed. A smaller pipe would be placed inside a larger one. The supply water would come down the small pipe to the settlement. At the settlement, some of the water would be heated and returned between the two pipes to the lake to prevent freezing in the winter. Future plans call for a utilidor system serving all houses with water and sewer.

Sewage and Garbage

The "honeybag" system is used throughout the settlement. Collection of garbage and honeybags is done. Plans are being made to set up a sanitary landfill near the settlement. Long range plans are for a piped utilidor system for sewage disposal.

Roads and Surface Drainage

Well constructed roads with proper surface drainage serve the new townsite.