DIAND Nunavut District Box 100 Iqaluit, NT XOA OHO

Votre référence

Our file Notre référence

October 17, 1996

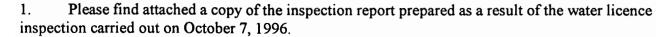
B9545-5-N4L3-0087

Ms. Sara Brown Senior Administrative Officer Town of Igaluit Box 460 Iqaluit, NT XOA OHO

Dear Ms. Brown;

Water Licence Inspection Report - October 7, 1996 Inspection

Reference: DIAND letters to the Town of Iqaluit dated May 30 and July 25, 1996.



- 2. The majority of unaddressed concerns relate to the lack of provision of requested information. To date, these above noted letters to the Town have gone unanswered.
- 3. With respect to this inspection report, please note that as-built drawings will be required for the 1.5 m extension to the Lake Geraldine dam (completed) and the treated water reservoir (nearing completion). Part E, Item 3 of the licence requires these drawings to be submitted to the Board within 90 days of completion of the modifications.
- 4. When approval was granted to Novamann Labs for the provision of laboratory services, deficiencies were noted with ammonia and mercury analytical techniques, and as such no approval was gained for these parameters. As these parameters are required under the SNP, additional work must done to secure approval for the analytical techniques used.
- Also note the requirement for abandonment and restoration plans (per Part F, Item 1 of the licence) for any waste disposal facility being abandoned. As this also applies to the sewage disposal system, an A+R plan will be required to be submitted at least 6 months prior to the abandonment of this facility.



- 6. Once the results of the water quality samples have been received and reviewed, they will be forwarded to you for your information/action.
- 7. If you have any questions regarding this inspection report, please do not hesitate to contact this office.

Sincerely,

Paul Smith

Water Resources Officer

Nunavut District

cc. - Nunavut Water Board, Gjoa Haven

- MACA, GNWT, Iqaluit (Attn. Rick Armstrong)
- Public Health, BRHB, Iqaluit (Attn. Martin Tonary)
- Water Resources Division, DIAND, YK

WATER USE INSPECTION REPORT

(continued)

Date: October 7, 1996	Licence #: N5L3-0087
General Comments: (Continued)	
Note: 6:	
During the post inspection	machine. Sara Brown stated
	Il contingency plan and design
	; due June and Sept. 1 respectively?
Were both near completion and	
TOTAL GOTH THERE COMPTETION CANCEL	Wood a something successful
General	
Third	
Sara Brown will also be i	iphing to letters sent by
this office respecting H	1995 Compliance Report
and an information update re	
that by not replying, that	
within the public registry	
WITKIN THE POBILE INJINING	
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and the first of t	With the transfer to the second
	YAM SMITH
	Water Inspector

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MUNICIPAL WATER USE INSPECTION FORM

DATE: October 7, 1996 COMPANY REP: Roch Byton/Rene Roy	
LICENSEE: Town of Igalut LICENCE #: NSL3-0087	
WATER SUPPLY	
Source (s): Lake Geraldine Quantity Used (to date): 348,700 m ³	
Owner/Operator: Town of Town of Town of Town (estimate or actual) (to Sept 30/46)	
Indicate: A Acceptable U Unacceptable N/A - Not Applicable	
Intake Facilities: A Storage Structure A See Note 2 Chem. Storage A	
Flow Meas. Device A Convey. Lines Pumping Stations	
Comments:	
WASTE DISPOSAL	
Sewage Sewage Treatment System (primary, secondary or tertiary)	
Natural Water body Continuous Discharge (land or water) @@an	
Seasonal Discharge Wetlands Treatment Trench	
Solid Waste: Owner/Operator: Town A India	
Landfill Burn & Landfill Other	
Indicate: A Acceptable U Unacceptable N/A - Not Applicable	
Disch. Quality Somples Collected Decant Structure A See note 3 Erosion NA	
Disch. Meas. Dev. N/A Dyke Inspection A Seepages	
Dams, Dykes A Freeboard A See not 4 Spills NA	
Construcion Secretario NA O & M Plan A A & R Plan NA	
Periods of Discharge: Continues Effluent Discharge Rate: ~ 50/sec	
Comments:	
FUEL STORAGE Owner: Operator Condition of Tanks	
Berms & Liners Water within berm: Evidence of Leaks:	
Drainage Pipes Pump Station and Catchment Berm	
Pipeline Condition Not Applicable:	
SURVEILLANCE NETWORK PROGRAM	
Samples Collected: (Hamlet)	
(DIAND) 0087-1, 0087-2, 0087-5	
Signs Posted: SNP See wate 5 Warning In Nace	
Record & Reporting Town tracks daily monthly water production.	
See note le	
Geotechnical Inspection:	
on-Compliance of Act or Licence: SNP Station Signs @ 0087-6: - 7 have not yet been	
placed. Part D. I tem 6 requires design details and an implementation plan	
for the Mechanical Screening (for sowage) to have been submitted by Sept. 1/96.	
Likewise, a spill contingency plan was to have been submitted for	
approval by June 30/96, Page 2 attached Yes No	
Felior ADMINISTRATIVE OFFICER PAUL SMITH	
Licensee Representatives Title Inspectors Name	
Tank mira	
Licensee Representatives Signature Inspectors Signature	

WATER USE INSPECTION REPORT

(continued)
Date: October 7, 1996 Licence #: N5 L3-0087
General Comments: (Continued)
Note1: Work is nearing completion on the treated water reservoir,
Structure will hold approx. I days worth of water. The
1.5m lift to the dam on Lake Geraldine 13 complete. As-
built drawings should be submitted to the NWB.
Note 2: Treatments plant operates at capacity. Construction
of the treated water reservoir will, in part, address those
Concerns related to chlorination retention time.
Note 3: This past summer, the value on the discharge structure
in the present dump site was left in the "open" position and
water from within the facility was allowed to drain as
required. SNP sampling from this stateon was only carried out
once during the Summer as there was so little flow - reportedly, much
of the Water exeporated during the summer. In the post-inspection
meeting w/ Sara Brown, SAD, the inspector requested that the
Value be left in the "closed" position. In order that the
quality of discharged to be monitored, water will be decented
from the facility when monthly can be sampled.
Note 4: The Licensee was asked to ensure that measurement
references be checked to ensure that a minimum of I m of
freeboard can be maintained. This reference will be
between the top of the dyke and the concrete structure that
Sits in the south and (near the dyke) of the logoon.
Note 5: A new set of SNP station signs have been ordered, but
have yet to be received or exected (as it relates to station
signs 0087-6 and .7).
PAYL Smith
Water Inspector