



South Mackenzie District
41 Capital Drive #203
Hay River, NT X0E 1G2

Telephone: 867 874-6994
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June 13, 2013

Hamlet of Fort Liard
General Delivery
Fort Liard, NT X0G 0A0

Attn: John McKee, Chief Administrative Officer

**RE: MUNICIPAL Water Use MV2009L3-0025
CLASS B - MUNICIPAL**

Dear John McKee,

An inspection of the above noted operation was conducted on June 05, 2013 by Field Operations Supervisor Rob Walker and Resource Management Officer III Laurie Ozmun.

Enclosed is a copy of the Municipal Water Use Inspection Report.

To come into compliance, samples should be taken and sent to the lab for analysis before decanting should occur. In future closer monitoring should be done so that the 1 meter freeboard limit is not breached. Sampling should occur well before the 1 meter freeboard level is reached so that decanting can be done earlier, especially in the fall when heavy rains are anticipated.

If you have any questions, please contact me at 867 874-6994.

Sincerely,

Original Signed

Rob Walker
Field Operations Supervisor

Cc:
MVLWB

Scott Stewart , District Manager , SMD



MUNICIPAL WATER USE INSPECTION REPORT

LICENCE #:	MV2009L3-0025	EXPIRY DATE:	February 29, 2020
LICENCEE:	Hamlet of Fort Liard	PREVIOUS INSPECTION:	New
COMPANY REP:	John McKee, Senior Administrative Officer	INSPECTION DATE:	June 05, 2013

WASTE DISPOSAL – SEWAGE

Disposal Method		Three Lagoon cells					
Mechanical	N	Camp Sump	N	Natural Water Body	N	Wetland Treatment	N
Continuous Discharge	N	Intermittent Discharge	N	Seasonal Discharge	Y	Land Spread	N
Accelerated Biological	N	Other					

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Discharge Quality		Decent Process & Structures		Discharge Measurement Device	
Freeboard	U	Method of Sludge Disposal			
Periods Of Discharge	Unknown - Spring and fall			SNP Samples Collected	N/A
Effluent Discharge Rates	Unknown				

Sewage Comments:

All three cells were full and had little freeboard left in them, definitely not the 1 meter as noted in the water license. Due to the timing sampling did not occur at time of the inspection.

WASTE DISPOSAL – SOLID WASTE

Disposal Method		Segregated landfill					
Open Dump	N	Landfill	Y	Burn & Landfill	N	Underground	N
Offsite Removal	N	Other					
Owner / Operator	Hamlet						

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Runoff Diversion	N/A	SNP Samples Collected	N/A
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Solid Waste Comments:

No water to sample at landfill

GENERAL CONDITIONS/REPORTS/PLANS

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**



MUNICIPAL WATER USE INSPECTION REPORT

C &R Plan		Records & Reporting		Final Report	
Geotechnical Inspection	NA	Posting, Signage	A	Contingency Plan	NI
Restorations Activities	NA	Spills		O&M Plan	
Maintenance		Modifications	NA	Annual Report	A

General Condition Comments:

Yearly report was submitted to the Board on March 5, 2013

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

As per Part D Section 4 - A Freeboard limit of 1 metre, or as recommended by a qualified Engineer and as approved by the Board, shall be maintained at all dykes and earthfill structures associated with the Sewage Disposal Facilities. This has not been followed allowing all cells to fill almost to capacity. (see Photos)

Inspector's Signature: **Original Signed**



MUNICIPAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1
June 5th, 2013 primary lagoon cell level



Figure 2
June 5 - lagoon cells 2 and 3 levels



Figure 3
June 5 Lagoon cell 2 level



Figure 4
June 5th - new landfill site



Figure 5
June 5th - hazardous waste bermed area



Figure 6
June 5th - white "appliances" waste site





MUNICIPAL WATER USE INSPECTION REPORT

Figure 7

June 5th - Main signage for landfill area

