



MUNICIPAL WATER USE INSPECTION FORM

DATE:	June 9, 2004	COMPANY REP:	Ernie Firth and Troy Jenkins
LICENSEE:	Hamlet of Ft. McPherson	LICENCE #:	G003L3-001

WATER SUPPLY – Figures 1-2 attached

Source:	Deep Water Lake	Quantity Used:	Not known – no annual report filed
Owner/Operator:	GNWT/DPW		

Indicate:		A - Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not Inspected		
Intake Facilities:	A	Storage Structures:	A	Treatment Systems:	A	Chem. Storage:	A
Flow Meas. Device:	N/I	Conveyance Lines:	A	Pumping Stations:	A	Modifications:	N/A

Concerns:

- As indicated in last years inspection there is no SNP sign posed at the new intake (figures 1, 2). This should be addressed with DPW
- Facility was not secure. All doors unlocked when un-attended. To prevent vandalism and theft, please ensure that the facility is secure. This should be addressed with DPW.
- Since no Annual report was filed the quantity of water used is not known. The hamlet was reminded that these reports are due as per B1 in the Water Licence.

Notes:

- Water intake facility neat and tidy in and out.

WASTE DISPOSAL – Figures 3-8 attached

Sewage	Sewage Treatment System (primary, secondary, or tertiary):		Primary – old quarry hole			
	Natural Water Body:		Continuous Discharge (land or water):			
	Seasonal Discharge:	✓	Wetlands Treatment:	✓	Trench:	

Solid Waste	Owner/Operator:	Hamlet of Ft. McPherson				
	Landfill:		Burn & Landfill:	✓	Other:	

Indicate:		A - Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not Inspected		
Discharge Quality:	A	Construction:	N/A	Disch. Meas. Dev.	N/A	Freeboard:	U
Decant Structures:	A	O&M Plan:	U	Dams, Dykes:	A	Seepages:	A
Dyke Inspections:	A	A&R Plan:	N/A	Erosion:	A	Spills:	A

Periods of Discharge:	Spring and Fall	Effluent Discharge Rate:	Unknown
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Concerns:

- Sewage lagoon freeboard limit (1 m) exceeded. This is a re-occurring issue every spring.
- Dead animal waste area requires attention and some clean up. Excavated pit is full of water (due to spring run-off) and dead animals scattered outside of the pit. At the time of inspection the pit was full of water and LOADED with large mosquito larvae.
- Considerable amounts of garbage in outlying area of landfill, particularly to the north. This garbage should be cleaned and placed appropriately.
- Hazardous wastes disposal area (used oil and antifreeze/lead-acid batteries) requires attention (figure 6, 7, 8). Much of the ground is saturated with oil (figure 6,7). As indicated in last years inspection report efforts must be made do dispose of these materials at a certified disposal facility. Further, there were also barrels found outside of the bermed area that should be placed within.

Notes:

- Sewage Lagoon was a nice green color (figure 4) indicating a healthy aerobic zone.
- Relating to D7, water sample taken on May 25 for spring decant was provided to this office for review. No problems seen with sample results. Letter indicating that the Hamlet was authorized to discharge was faxed June 4, 2003.

FUEL STORAGE – No figures attached

Owner:	GNWT/DPW	Operator:	GNWT/DPW	Condition of tanks:	excellent
Berms & Liners	Double contained	Water within Berm:	N/A	Evidence of Leaks:	none
Drainage Pipes:	N/A	Pump Station and Catchment Berm:	N/A		
Pipeline Condition:	All looks good				

Concerns:

1. Not known if there is an emergency shut off valve on fuel tank. This should be checked with the owner & operator.

SURVEILLANCE NETWORK PROGRAM – Figure 3 attached

Samples Collected (Hamlet)	Yes, 1696-2 as per SNP B1.		
(DIAND)	Samples collected at 1696-2 and immediately in front of the landfill. Results pending.		
Signs Posted: SNP	Yes. SNP 1696-2 needs repair. No signs seen at new water supply/intake facility.	Warning	Signs posted at sewage lagoon and solid waste site. No sign seen at water intake.
Records & Reporting:	No 2002 and 2003 Annual Report. The last Annual report received was in 2001.		
Geotechnical Inspection	Not required.		

Concerns:

1. SNP 1696-2 sign (figure 3) posted but needs repair. This was discussed with the Hamlet. Please review all signage and replace/repair where necessary.
2. Could not locate or find area and SNP signs for 1696-4 and 5. As discussed with Ernie the signs are present.
3. Hazerdous wastes (used oil and antifreeze) sign needs repair. Sign is close to falling over.

Notes:

- Water sample for spring decant was taken on May 25, 2004.

Non-Compliance / Violations of Act of Licence:	<ol style="list-style-type: none"> 1. <i>Part B, section 1. No 2003 Annual Report.</i> 2. <i>Part B, section 7. No SNP sign (1696-1(b)) at new water intake facility.</i> 3. <i>Part B, section 7. No sign identifying the water intake facility.</i> 4. <i>Part D, section 6. Sewage Lagoon freeboard exceeded.</i> 5. <i>Part D, section 9. Temperature and weather conditions during sampling at SNP stations 1696-2 and 4 not taken.</i> 6. <i>Part I, section 1. Revised O&M plan for Waste Disposal Facilities not received. This report was due March 1, 2004.</i> 7. SNP Part B, section 2. Annual sampling at SNP locations. 8. SNP part C, section 1. Monthly and annual quantities of water from SNP location not recorded. <p>Please note: Violations 7 & 8 above, in bold, relate to not receiving the Annual Reports. These may have been conducted.</p>
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General / Additional Inspection Comments:

- A copy of the Water Licence was made for Ernie Firth.
- As per B6 the Hamlet was reminded that a copy of the Water Licence must be available at the town office.
- The Water Licence was recently renewed in 2003. A copy was provided with this Inspection Report.

Additional Comments Attached:	Yes	No	X
Figures Attached:	Yes	X	No

Inspectors Name Kevin R. Glowa Water Resource Officer	Inspectors Signature
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