

Martin Falls First Nation

Date of Visit: No visit

Site Address: Ogoki, ON P2O 2L0

Phone No.: 807-349-2509

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Tribal Council Affiliation: Matawa First Nations Management Inc.

Operator:

Location: The Martin Falls First Nation community is located approximately 170 km northeast of Nakina

Population: 305 people in the community (November 2000 – INAC)

No. of Units: 90 houses in the community (CAIS)

1.0 Description of Community Water Supply

Based on the CAIS report, water to the houses in the community of Martin Falls is treated as follows:

- 271 people use piped water
- 34 people have no service

- 80 houses are serviced by a communal water system; and
- 10 houses have no service.

2.0 Description of Community Sewage Facilities

- 183 people use piped sewage
- 122 people have no service

- 54 houses are serviced by a communal sewage system; and
- 36 houses have no service.

Reason for No Visit

The Martin Falls community representative did not respond to numerous calls to the Band Office by the OCWA representative, therefore, an inspection of the facilities was not conducted.

3.0 Overall Assessment for Communal Water Treatment Supply

The questionnaire developed by PWGSC required OCWA to undertake a risk assessment of the Water Source, Design, Operation, Reporting, and Operators. To properly assess these areas, a revisit to the water treatment facilities would be required.

OCWA was requested to undertake the evaluation without a visit to the site. With the available information, OCWA has undertaken the requested assessment of the facilities.

The ranking system used is as follows:

- 0 = Not enough information to assess
- 1-4 = Low Risk
- 5-7 = Medium Risk
- 8-10 = High Risk

For more detailed information on the Risk Assessment used see the Terms of Reference, Appendix B.

SECTION Water	SECTION RANKING Water	RISK Water
A. Water Source		
Biological	0	No lab
Chemical	0	No lab
Physical	0	No lab
Overall Ranking for Water Source	0	
B. Design		
Biological	1	No exceedances
Chemical	7	High turbidity, and aluminum
Physical	6	High dissolved organic carbon; hardness
Risk to Public Health	10	High turbidity
Condition of Laboratory Equipment	0	Not inspected
Overall Ranking for Design	6	
C. Operations		
Reservoir Cleanliness	0	No data
Emergency Plan	0	No data
Overall Ranking for Operations	0	No data
D. Reporting		
Ranking for Laboratories and Testing	0	No data
Ranking for Boil Water Advisories	0	No data
Overall Ranking for Reporting	0	

SECTION Water	SECTION RANKING Water	RISK Water
E. Operators		
Overall Ranking for Operators	0	No data
F. Statistical Data		
Overall Ranking for Individual Wells	0	No data
Overall Ranking for the System	6	Medium Risk -Based on Design section only

4.0 Communal Water Treatment Supply (205 houses)

4.1 Water Source

No data is available.

4.2 Design

The following table summarizes the treated water data available from Health Canada, which does not meet GCDWQ:

Date	Locatio	Exceedances	Result	GCDWQ limit
Apr. 14, 1999	Treated	Colour	27 TCU	15 TCU (AO)
		Dissolved Organic Carbon	11 mg/L	5.0 mg/L (AO)
		Turbidity	1.6 NTU	1 NTU (HL)
		Aluminum	1.09 mg/L	0.10 mg/L (OG)
Jun. 20, 2001	Treated	Alkalinity	28 mg/L	30 to 500 mg/L (OG)
		Hardness	57 mg/L	80 to 100 mg/L (OG)
		Aluminum	0.49 mg/L	0.10 mg/L (OG)
		Dissolved Organic Carbon	6 mg/L	5.0 mg/L (AO)

AO = aesthetic objective, OG = operational guideline, HL = health limit

4.3 Operations

No data is available.

4.4 Reporting

Period	Frequency	Regularity	Exceedances
Oct. 27/99 to Oct. 19/01	5 – 19 times/month from different locations	<ul style="list-style-type: none"> ▪ 1 months missing in 1999 ▪ 9 months missing in 2000 ▪ 6 months missing in 2001 	<ul style="list-style-type: none"> ▪ No exceedances

4.5 Operators

No data is available.