

Well Water

Annual Report
2024

Whitefish Valley

Highway 595
Kakabeka Falls ON POT 1W0

Drinking Water System Number
260009971



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ANNUAL WELL WATER REPORT

LAKEHEAD DISTRICT SCHOOL BOARD

WHITEFISH VALLEY PUBLIC SCHOOL

Highway 595, KAKABEKA FALLS, ONT. P0T 1W0

Drinking-water System Number: **2600009971**

The Period being reported: **January 1 2024 TO December 31 2024**

Waterworks Type (O. Reg. 170/03): **SMALL NON-MUNICIPAL NON-RESIDENTIAL DESIGNATED FACILITY**

Population Served: **188**

Maximum flow rate Capacity: **2.08 Litres per second**

Is this drinking-water system seasonally operated? **NO**

Area serviced by the Drinking-water system: **SCHOOL**

The following questions about designated and public facilities are for Small municipal non residential systems only

Number of designated facilities served by the drinking-water system: **ONE**

Name of each designated facility: **WHITEFISH VALLEY PUBLIC SCHOOL**

Address of each designated facility **Highway 595, KAKABEKA FALLS, ONT. P0T 1W0**

Interested Authority for each designated facility served: **MINISTRY OF EDUCATION**

Number of Public facilities served by the drinking-water system: **ONE**

Name and address of each public facility served by the drinking-water system:

Gillies Township Office

Highway 595, Kakabeka Falls, ON P0T 1W0

1. Description of the System

Source(s) of raw water:

☐ Groundwater

☐ Surface

☒ **Ground water under direct influence of surface water**

If the source is groundwater or GUDI:

Groundwater: **NO**

GUDI: **YES**

Number of wells: **ONE**

2. Sample location names:

Raw: **WELL OUTLET**

Treated Water: **Pump Room**

List of chemicals used: **Chlorine**

Does the Drinking-water system have disinfection: **YES**

Disinfection methods: (Check the boxes that apply)

- ☒ **Chlorination**
- ☐ Chloramination
- ☐ Chlorine Dioxide
- ☐ Ozonation
- ☒ **UltraViolet**
- ☐ Others – Specify

Treatment type: (Check the boxes that apply)

- ☐ Coagulation
- ☐ Flocculation
- ☐ Sedimentation
- ☒ **Filtration 1-micron absolute filter**
- ☒ **Filter Medium Macrolite Granular**
- ☐ Membrane Filtration
- ☐ Membrane Filtration Type
- ☐ Alkalinity Adjustment
- ☐ pH Adjustment
- ☐ Clarifier- Sludge Blanket
- ☐ Clarifier – Upflow
- ☐ Dissolved Air Flotation
- ☐ Fluoridation
- ☐ Iron Sequestering
- ☐ Softening
- ☐ Stripping
- ☒ **Taste and Odour Control**
- ☐ Zebra Mussel Control

3. Adverse Results

Total number of adverse results during this reporting period for microbiological, chemical, chlorine residual, malfunction of other disinfection equipment, turbidity:

For each incident of adverse result please list the following:

No adverse conditions for this reporting period.

4. Summary of results

Regulation 170 lab analysis results are summarized in appendix A.

Regulation 243 lab analysis results are summarized in appendix B.

5 year inorganic sampling was completed in 2020. Next 60 month tests are due in 2025.

6. For a parameter not required during this reporting period, please report the most recent results for that parameter:

Parameter Name: **Sodium**

Total number of samples: **one**

Number of samples for each sample type-Raw/Treated/Distribution:

Raw samples: 1

Result Value: 64.8 mg/L. Ontario Standard is 20 mg/L.

Drinking water advisory issued by Thunder Bay District Health Unit.

Describe corrective action for each adverse issue: Notified Thunder Bay District Health Unit June 2006/February 2010/June 2015. An alternative drinking water is available for people with health risks. Information has been posted at the school and sent home to parents.

7. Major expenses incurred during the period covered by the report:

To install required equipment: **N/A**

To repair equipment: **N/A**

To replace equipment: **N/A**

8. Providing information relating to compliance with the regulation:

A copy of the annual report given to each designated facility served by the drinking-water system;

Yes

A copy of the annual report given to each Interested Authority of each designated facility served by the drinking-water system;

Yes, the Ministry of Education

A copy of the annual report will be provided to every person who requests a copy;

Yes by contacting the school office or the Board's web site

Means that were used to share the information in this annual report:

Web – www.lakeheadschoools.ca

Date of the report: April 15, 2025

Name of the Author: Kyle Ulvang

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Batch				Sample							
Received Date	Site	Evaluation	Job #	Received Date	e-COC #	Sample Description	Matrix	Sample Tags	Sample Name	Sampling Date	ALS ID
10-01-2024	260009971	Within Limit	260009971	10-01-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	10-01-2024	TY2400290-001
10-01-2024	260009971	Within Limit	260009971	10-01-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Vally	10-01-2024	TY2400290-002
24-01-2024	260009971	Within Limit	260009971	24-01-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	24-01-2024	TY2400728-001
24-01-2024	260009971	Within Limit	260009971	24-01-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	24-01-2024	TY2400728-002
07-02-2024	260009971	Within Limit	260009971	07-02-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Vally	07-02-2024	TY2401197-001
07-02-2024	260009971	Within Limit	260009971	07-02-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	07-02-2024	TY2401197-002
21-02-2024	260009971	Within Limit	260009971	21-02-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	21-02-2024	TY2401626-001
21-02-2024	260009971	Within Limit	260009971	21-02-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	21-02-2024	TY2401626-002
06-03-2024	260009971	Within Limit	260009971	06-03-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	06-03-2024	TY2402108-001
06-03-2024	260009971	Within Limit	260009971	06-03-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	06-03-2024	TY2402108-002
06-03-2024	260009971	Within Limit	260009971	06-03-2024		Treated	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Treated: After Contact Whitefish Valley	06-03-2024	TY2402108-003
20-03-2024	260009971	Within Limit	260009971	20-03-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	20-03-2024	TY2402580-001
20-03-2024	260009971	Within Limit	260009971	20-03-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	20-03-2024	TY2402580-002
03-04-2024	260009971	Within Limit	260009971	03-04-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	03-04-2024	TY2403018-001
03-04-2024	260009971	Within Limit	260009971	03-04-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	03-04-2024	TY2403018-002
17-04-2024	260009971	Within Limit	260009971	17-04-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	17-04-2024	TY2403562-001
17-04-2024	260009971	Within Limit	260009971	17-04-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	17-04-2024	TY2403562-002
01-05-2024	260009971	Within Limit	260009971	01-05-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	01-05-2024	TY2404132-001
01-05-2024	260009971	Within Limit	260009971	01-05-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution Whitefish Valley - Rm 103	01-05-2024	TY2404132-002
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Standing	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 7A S	15-05-2024	TY2404819-001
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Flushed	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 7B F	15-05-2024	TY2404819-002
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Standing	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 8A S	15-05-2024	TY2404819-003
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Flushed	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 8B F	15-05-2024	TY2404819-004
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Standing	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 9A S	15-05-2024	TY2404819-005
15-05-2024	500022062	Within Limit	500022062	15-05-2024		Plumbing Flushed	Water\Drinking Water - Regulated	Whitiefish Valley PS Reg 243 Leads	White Fish Valley 9B F	15-05-2024	TY2404819-006
16-05-2024	260009971	Exceeds Limit	260009971	16-05-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	15-05-2024	TY2404767-001
16-05-2024	260009971	Exceeds Limit	260009971	16-05-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	15-05-2024	TY2404767-002
29-05-2024	260009971	Exceeds Limit	260009971	29-05-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	29-05-2024	TY2405400-001
29-05-2024	260009971	Exceeds Limit	260009971	29-05-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	29-05-2024	TY2405400-002
14-06-2024	260009971	Exceeds Limit	260009971	14-06-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	14-06-2024	TY2406170-001
14-06-2024	260009971	Exceeds Limit	260009971	14-06-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	14-06-2024	TY2406170-002
14-06-2024	260009971	Exceeds Limit	260009971	14-06-2024		Treated	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Treated: After Contact Whitefish Valley	14-06-2024	TY2406170-003
26-06-2024	260009971	Exceeds Limit	260009971	26-06-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	26-06-2024	TY2406675-001
26-06-2024	260009971	Exceeds Limit	260009971	26-06-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	26-06-2024	TY2406675-002
20-08-2024	260009971	Exceeds Limit	260009971	20-08-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	20-08-2024	TY2409122-001
20-08-2024	260009971	Exceeds Limit	260009971	20-08-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	20-08-2024	TY2409122-002
22-08-2024	260009971	Exceeds Limit	260009971	22-08-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	22-08-2024	TY2409243-001
22-08-2024	260009971	Exceeds Limit	260009971	22-08-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	22-08-2024	TY2409243-002
13-09-2024	260009971	Within Limit	260009971	13-09-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	13-09-2024	TY2410288-001
13-09-2024	260009971	Within Limit	260009971	13-09-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	13-09-2024	TY2410288-002
25-09-2024	260009971	Within Limit	260009971	25-09-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	25-09-2024	TY2410805-001
25-09-2024	260009971	Within Limit	260009971	25-09-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	25-09-2024	TY2410805-002
25-09-2024	260009971	Within Limit	260009971	25-09-2024		Treated	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Treated: After Contact Whitefish Valley	25-09-2024	TY2410805-003
09-10-2024	260009971	Exceeds Limit	260009971	09-10-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	09-10-2024	TY2411471-001
09-10-2024	260009971	Exceeds Limit	260009971	09-10-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	09-10-2024	TY2411471-002
23-10-2024	260009971	Within Limit	260009971	23-10-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	23-10-2024	TY2412142-001
23-10-2024	260009971	Within Limit	260009971	23-10-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	23-10-2024	TY2412142-002
06-11-2024	260009971	Within Limit	260009971	06-11-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	06-11-2024	TY2412805-001
06-11-2024	260009971	Within Limit	260009971	06-11-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	06-11-2024	TY2412805-002
20-11-2024	260009971	Within Limit	260009971	20-11-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	20-11-2024	TY2413424-001
20-11-2024	260009971	Within Limit	260009971	20-11-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	20-11-2024	TY2413424-002
04-12-2024	260009971	Within Limit	260009971	04-12-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	04-12-2024	TY2413923-001
04-12-2024	260009971	Within Limit	260009971	04-12-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	04-12-2024	TY2413923-002
04-12-2024	260009971	Within Limit	260009971	04-12-2024		Treated	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Treated: Post Treatment Tap Whitefish Valley	04-12-2024	TY2413923-003
18-12-2024	260009971	Exceeds Limit	260009971	18-12-2024		Raw	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Raw Whitefish Valley	18-12-2024	TY2414372-001
18-12-2024	260009971	Exceeds Limit	260009971	18-12-2024		Distribution	Water\Drinking Water - Regulated	Whitefish Valley PS Reg 170	Distribution: Whitefish Valley 103	18-12-2024	TY2414372-002