

Well Water

Annual Report
2024

Kingfisher Lake Outdoor Education Centre

Drinking Water System Number
260009919



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ANNUAL WELL WATER REPORT

LAKEHEAD DISTRICT SCHOOL BOARD

KINGFISHER OUTDOOR SCHOOL

In care of **C.D. Howe School, 30 Wishart Cres.**
THUNDER BAY, ONT. P7A 6G3

Drinking-water System Number: **260009919**

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: **VARIES**

Maximum flow rate Capacity: **0.42 Litres per second**
Is this drinking-water system seasonally operated? **NO**
Area serviced by the Drinking-water system: **OUTDOOR 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: **KINGFISHER OUTDOOR SCHOOL**
Address of each designated facility - In care of **C.D. Howe School, 30 Wishart Cres.**
THUNDER BAY, ONT. P7A 6G3

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

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: **Yes**
GUDI: **NO**
Number of wells: **ONE**

Sample location names:

Raw: **WELL OUTLET - PUMP ROOM**

Treated Water Distribution Point: **KITCHEN**

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
- ☐ Filter Medium
- ☐ 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

2. 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.

3. Summary of results

Regulation 170 lab analysis results are summarized in appendix A.

Regulation 243 lab analysis results are summarized in appendix A.

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

5. Major Expenses incurred during the period covered by the report

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

To repair equipment: **N/A**

To replace equipment: **\$12,000**

6. 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, to the Ministry of Education

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

Yes, by contacting the Kingfisher office or the Board's web site

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

Web Site: www.lakeheadschoools.ca

Date of the report July 24, 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	260009919	Within Limit	260009919	10-01-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	09-01-2024	TY2400278-001
10-01-2024	260009919	Within Limit	260009919	10-01-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	09-01-2024	TY2400278-002
26-01-2024	260009919	Within Limit	260009919	26-01-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	25-01-2024	TY2400806-001
26-01-2024	260009919	Within Limit	260009919	26-01-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	25-01-2024	TY2400806-002
07-02-2024	260009919	Within Limit	260009919	07-02-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	06-02-2024	TY2401167-001
07-02-2024	260009919	Within Limit	260009919	07-02-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	06-02-2024	TY2401167-002
23-02-2024	260009919	Within Limit	260009919	23-02-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	23-02-2024	TY2401723-001
23-02-2024	260009919	Within Limit	260009919	23-02-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	23-02-2024	TY2401723-002
06-03-2024	260009919	Within Limit	260009919	06-03-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	05-03-2024	TY2402106-001
06-03-2024	260009919	Within Limit	260009919	06-03-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	05-03-2024	TY2402106-002
06-03-2024	260009919	Within Limit	260009919	06-03-2024		Treated	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Treated Water	05-03-2024	TY2402106-003
20-03-2024	260009919	Within Limit	260009919	20-03-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	19-03-2024	TY2402576-001
20-03-2024	260009919	Within Limit	260009919	20-03-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	19-03-2024	TY2402576-002
03-04-2024	260009919	Within Limit	260009919	03-04-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Source	02-04-2024	TY2403013-001
03-04-2024	260009919	Within Limit	260009919	03-04-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	02-04-2024	TY2403013-002
17-04-2024	260009919	Within Limit	260009919	17-04-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	16-04-2024	TY2403561-001
17-04-2024	260009919	Within Limit	260009919	17-04-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	16-04-2024	TY2403561-002
01-05-2024	260009919	Within Limit	260009919	01-05-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	30-04-2024	TY2404109-001
01-05-2024	260009919	Within Limit	260009919	01-05-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	30-04-2024	TY2404109-002
22-05-2024	260009919	Within Limit	260009919	22-05-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	21-05-2024	TY2405005-001
22-05-2024	260009919	Within Limit	260009919	22-05-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	21-05-2024	TY2405005-002
30-05-2024	260009919	Within Limit	260009919	30-05-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	30-05-2024	TY2405449-001
30-05-2024	260009919	Within Limit	260009919	30-05-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	30-05-2024	TY2405449-002
30-05-2024	500021919	Within Limit	500021919	30-05-2024		Plumbing Standing	Water\Drinking Water - Regulated	Kingfisher PS Reg 243 Leads	Kingfisher Lake Camp 1A S	30-05-2024	TY2405507-001
30-05-2024	500021919	Within Limit	500021919	30-05-2024		Plumbing Flushed	Water\Drinking Water - Regulated	Kingfisher PS Reg 243 Leads	Kingfisher Lake Camp 1B F	30-05-2024	TY2405507-002
12-06-2024	260009919	Within Limit	260009919	12-06-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	11-06-2024	TY2406029-001
12-06-2024	260009919	Within Limit	260009919	12-06-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	11-06-2024	TY2406029-002
12-06-2024	260009919	Within Limit	260009919	12-06-2024		Treated	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Treated Water Post-treatment Tap in Water Room	11-06-2024	TY2406029-003
19-06-2024	260009919	Within Limit	260009919	19-06-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	18-06-2024	TY2406364-001
19-06-2024	260009919	Within Limit	260009919	19-06-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	18-06-2024	TY2406364-002
28-08-2024	260009893	Within Limit	260009919	28-08-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Raw	28-08-2024	TY2409523-001
28-08-2024	260009893	Within Limit	260009919	28-08-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	28-08-2024	TY2409523-002
29-08-2024	260009893	Within Limit	260009919	29-08-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Raw	29-08-2024	TY2409597-001
29-08-2024	260009893	Within Limit	260009919	29-08-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	29-08-2024	TY2409597-002
05-09-2024	260009919	Within Limit	260009919	05-09-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	05-09-2024	TY2409882-001
05-09-2024	260009919	Within Limit	260009919	05-09-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	05-09-2024	TY2409882-002
11-09-2024	260009919	Within Limit	260009919	11-09-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	10-09-2024	TY2410150-001
11-09-2024	260009919	Within Limit	260009919	11-09-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	10-09-2024	TY2410150-002
11-09-2024	260009919	Within Limit	260009919	11-09-2024		Treated	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Treated Water Post-treatment Tap in Water Room	10-09-2024	TY2410150-003
02-10-2024	260009919	Within Limit	260009919	02-10-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	01-10-2024	TY2411109-001
02-10-2024	260009919	Within Limit	260009919	02-10-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	01-10-2024	TY2411109-002
25-10-2024	260009919	Within Limit	260009919	25-10-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	24-10-2024	TY2412250-001
25-10-2024	260009919	Within Limit	260009919	25-10-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	24-10-2024	TY2412250-002
04-11-2024	260009919	Within Limit	260009919	04-11-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	04-11-2024	TY2412655-001
04-11-2024	260009919	Within Limit	260009919	04-11-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	04-11-2024	TY2412655-002
27-11-2024	260009919	Exceeds Limit	260009919	27-11-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	21-11-2024	TY2413647-001
27-11-2024	260009919	Exceeds Limit	260009919	27-11-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	21-11-2024	TY2413647-002
28-11-2024	260009919	Within Limit	260009919	28-11-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	28-11-2024	TY2413699-001
28-11-2024	260009919	Within Limit	260009919	28-11-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	28-11-2024	TY2413699-002
04-12-2024	260009919	Within Limit	260009919	04-12-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	03-12-2024	TY2413918-001
04-12-2024	260009919	Within Limit	260009919	04-12-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	03-12-2024	TY2413918-002
11-12-2024	260009919	Within Limit	260009919	11-12-2024		Raw	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Raw Sample Pre-treatment Tap in Water Room	10-12-2024	TY2414132-001
11-12-2024	260009919	Within Limit	260009919	11-12-2024		Distribution	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Distribution Kitchen Sample	10-12-2024	TY2414132-002
11-12-2024	260009919	Within Limit	260009919	11-12-2024		Treated	Water\Drinking Water - Regulated	Kingfisher PS Reg 170	Kingfisher Treated Water Post-treatment Tap in Water Room	10-12-2024	TY2414132-003