

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 2023 TO December 31, 2023**
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: **MINISRTY 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 B.

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

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