

**ANNUAL WELL WATER REPORT**

**LAKEHEAD DISTRICT SCHOOL BOARD**

**FIVE MILE PUBLIC SCHOOL**  
**2025 DAWSON RD. THUNDER BAY, ONT.**  
**P7G 2E9**

Drinking-water System Number: **260009867**

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: **260**

Maximum flow rate Capacity: **2.83 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: **FIVE MILE PUBLIC SCHOOL**

Address of each designated facility **2026 DAWSON RD, THUNDER BAY, ONT.**

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**

Treated Water Distribution Point: **CLASSROOM**

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:

Incident date: January 27, 2023

Corrective action: Chlorine metering pump failure.

Corrective action date: Jan 28, 2023

### 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: \$10,000

### 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, 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 main office or the Board's web site.**

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

**Web Site [www.lakeheadschoools.ca](http://www.lakeheadschoools.ca)**

Date of the report June 14, 2024

Name of the Author Kyle Ulvang

Address of the author 2135 SILLS ST. THUNDER BAY ONT.

Telephone number of the author: 625-5177

Email address of the author: [Kyle\\_Ulvang@lakeheadschoools.ca](mailto:Kyle_Ulvang@lakeheadschoools.ca)