Well Water

Annual Report
2025

Gorham & Ware

2032 Kam Current Road
Gorham ON P7G 0K5

Drinking Water System Number
260009880

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Part III Form 2

ANNUAL WELL WATER REPORT

LAKEHEAD DISTRICT SCHOOL BOARD

GORHAM WARE PUBLIC SCHOOL
2032 Kam Current Road, Gorham, ON. P7G 0K5

Drinking-water System Number: **260009880**

The Period being reported: **January 1, 2025 TO December 31, 2025**
Waterworks Type (O. Reg. 170/03): **SMALL NON-MUNICIPAL NON-RESIDENTIAL DESIGNATED FACILILTY**
Population Served: **142**

Maximum flow rate Capacity: **1.25 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: **GORHAM WARE PUBLIC SCHOOL**
Address of each designated facility: **2032 Kam Current Road, Gorham ON. P7G 0K5**
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**
Treated Water Distribution Point: **WASHROOM**
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: $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.lakeheadschools.ca**

Date of the report March 25, 2026

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			TY2500223-001 (1)
Sample			
Received Date			08-01-2025
Matrix			Water/Drinking Water - Regulated
Sample Description			Raw
Sample Tags			Gorham & Ware PS Reg 170
Sample Name			Raw Crawl Space
Total Samples			12 Raw / 24 Distrubution
Batch			
Site			260009880
Evaluation			Within Limit
Job #			260009880
	Min. LOR	**CAS Number**	
Microbiological Tests			
Coliforms, Escherichia coli [E. coli] MPN/100mL	1		<1
Coliforms, Escherichia coli [E. coli] P/A/100mL			Not Detected
Coliforms, total MPN/100mL	1		<1
Coliforms, total P/A/100mL			Not Detected
Heterotrophic plate count [HPC] CFU/mL	1		0-15

			TY2502659-003 (1)	TY2504440-001 (1)	TY2506493-003 (1)	TY2510680-003 (1)	TY2514578-003 (1)
Sample							
Received Date			19-03-2025	05-05-2025	18-06-2025	19-09-2025	12-12-2025
Evaluation			Within Limit	Within Limit	Within Limit	Within Limit	Within Limit
Matrix			Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated
Sample Description			Treated	Distribution	Treated	Distribution	Treated
Sample Tags			Gorham & Ware PS Reg 170	Gorham & Ware PS Reg 170	Gorham & Ware PS Reg 170	Gorham & Ware PS Reg 170	Gorham & Ware PS Reg 170
Sample Name			Gorham Ware Treated Water	Distribution- Boy's Gym Bathroom	Gorham Ware Treated Water	Distribution Boys Washroom Sink	Gorham Ware Treated Water
Sampling Date			19-03-2025	05-05-2025	18-06-2025	19-09-2025	12-12-2025
ALS ID			TY2502659-003	TY2504440-001	TY2506493-003	TY2510680-003	TY2514578-003
Batch							
Received Date			19-03-2025	05-05-2025	18-06-2025	19-09-2025	12-12-2025
Site			260009880	260009880	260009880	260009880	260009880
Evaluation			Within Limit	Within Limit	Within Limit	Within Limit	Within Limit
Job #			260009880	260009880	260009880	260009880	260009880
	Min. LOR	**CAS Number**					
Anions and Nutrients							
Nitrate (as N) mg/L	0.020	14797-55-8	1.17	1.09	1.33	1.19	1.45
Nitrite (as N) mg/L	0.010	14797-65-0	<0.010	<0.010	<0.010	<0.010	<0.010

		TY2511816-001 (1)	TY2511816-002 (1)	TY2511816-003 (1)	TY2511816-004 (1)	TY2511816-005 (1)	TY2511816-006 (1)
Sample							
Received Date		14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025
Evaluation		Within Limit	Within Limit	Within Limit	Within Limit	Within Limit	Within Limit
Matrix		Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated
Sample Description		Plumbing Standing	Plumbing Flushed	Plumbing Standing	Plumbing Flushed	Plumbing Standing	Plumbing Flushed
Sample Tags		Gorham & Ware PS	Gorham & Ware PS	Gorham & Ware PS	Gorham & Ware PS	Gorham & Ware PS	Gorham & Ware PS
Sample Name		Gorham-Ware Public School- GM 3A S	Gorham-Ware Public School- GM 3B F	Gorham-Ware Public School- GM 1A S	Gorham-Ware Public School- GM 1B F	Gorham-Ware Public School- GM 2A S	Gorham-Ware Public School- GM 2B F
Sampling Date		14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025
ALS ID		TY2511816-001	TY2511816-002	TY2511816-003	TY2511816-004	TY2511816-005	TY2511816-006
Batch							
Received Date		14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025	14-10-2025
Site		500021828	500021828	500021828	500021828	500021828	500021828
Evaluation		Within Limit	Within Limit	Within Limit	Within Limit	Within Limit	Within Limit
Job #		500021828	500021828	500021828	500021828	500021828	500021828
	Min. LOR						
Total Metals							
Lead, total µg/L	1.0	<1.0	<1.0	1.2	1.1	1.4	1.4

			TY2504439-001 (1)
Sample			
Received Date			05-05-2025
Evaluation			Within Limit
Matrix			Water/Drinking Water - Regulated
Sample Description			Distribution
Sample Tags			Gorham & Ware PS Reg 170
Sample Name			Distribution- Boy's Gym Bathroom
Sampling Date			05-05-2025
ALS ID			TY2504439-001
Batch			
Received Date			05-05-2025
Site			260009880
Evaluation			Within Limit
Job #			260009880
	Min. LOR	**CAS Number**	
Chlorinated Phenolics			
Dichlorophenol, 2,4- µg/L	0.20	120-83-2	<0.20
Pentachlorophenol [PCP] µg/L	0.50	87-86-5	<0.50
Tetrachlorophenol, 2,3,4,6- µg/L	0.50	58-90-2	<0.50
Trichlorophenol, 2,4,6- µg/L	0.20	88-06-2	<0.20
Herbicides			
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA] mg/L	0.000050	94-74-6	<0.000050
Alachlor µg/L	0.050	15972-60-8	<0.050
Atrazine + N-dealkylated metabolites µg/L	0.14		<0.14
Atrazine µg/L	0.100	1912-24-9	<0.100
Atrazine-desethyl µg/L	0.100	6190-65-4	<0.100
Bromoxynil µg/L	0.050	1689-84-5	<0.050
Dicamba µg/L	0.10	1918-00-9	<0.10
Dichlorophenoxyacetic acid, 2,4- [2,4-D] µg/L	0.050	94-75-7	<0.050
Diclofop-methyl µg/L	0.10	51338-27-3	<0.10
Diquat (ion) µg/L	1.0	2764-72-9	<1.0
Diuron µg/L	0.050	330-54-1	<0.050

Glyphosate µg/L	1.0	1071-83-6	<1.0
Metolachlor µg/L	0.025	51218-45-2	<0.025
Metribuzin µg/L	0.10	21087-64-9	<0.10
Paraquat (as dichloride) µg/L	1.0	1910-42-5	<1.0
Picloram µg/L	0.10	1918-02-1	<0.10
Prometryn µg/L	0.025	7287-19-6	<0.025
Simazine µg/L	0.10	122-34-9	<0.10
Triallate µg/L	0.10	2303-17-5	<0.10
Trifluralin µg/L	0.10	1582-09-8	<0.10
Herbicides Surrogates			
Dichlorophenylacetic acid, 2,4- µg/L	1.0	19719-28-9	8.8
Insecticides			
Azinphos-methyl µg/L	0.10	86-50-0	<0.10
Carbaryl µg/L	0.050	63-25-2	<0.050
Carbofuran µg/L	0.025	1563-66-2	<0.025
Chlorpyrifos µg/L	0.10	2921-88-2	<0.10
Diazinon µg/L	0.025	333-41-5	<0.025
Dimethoate µg/L	0.050	60-51-5	<0.050
Malathion µg/L	0.025	121-75-5	<0.025
Phorate µg/L	0.25	298-02-2	<0.25
Terbufos µg/L	0.50	13071-79-9	<0.50
Phenolics Surrogates			
Tribromophenol, 2,4,6- µg/L	0.50	118-79-6	60.5
Polychlorinated Biphenyls			
Aroclor 1254 µg/L	0.020	11097-69-1	<0.020
Aroclor 1260 µg/L	0.020	11096-82-5	<0.020
polychlorinated biphenyls [PCBs], 1254+1260 µg/L	0.03	n/a	<0.030
Polychlorinated Biphenyls Surrogates			
Decachlorobiphenyl µg/L	0.1	2051-24-3	0.2
Tetrachloro-m-xylene µg/L	0.1	877-09-8	0.2
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene µg/L	0.0050	50-32-8	<0.0050
Polycyclic Aromatic Hydrocarbons Surrogates			

Chrysene-d12 µg/L	0.1	1719-03-5	0.7
Naphthalene-d8 µg/L	0.1	1146-65-2	0.8
Phenanthrene-d10 µg/L	0.1	1517-22-2	0.9
Semi-Volatile Organics Surrogates			
Fluorobiphenyl, 2- µg/L	1.0	321-60-8	81.4
Nitrobenzene-d5 µg/L	1.0	4165-60-0	75.1
Terphenyl-d14, p- µg/L	1.0	1718-51-0	107
Total Metals			
Antimony, total µg/L	0.60	7440-36-0	
Arsenic, total µg/L	1.0	7440-38-2	
Barium, total µg/L	10	7440-39-3	
Boron, total µg/L	50	7440-42-8	
Cadmium, total µg/L	0.10	7440-43-9	
Chromium, total µg/L	1.0	7440-47-3	
Mercury, total µg/L	0.100	7439-97-6	
Selenium, total µg/L	1.0	7782-49-2	
Uranium, total µg/L	2.0	7440-61-1	
Volatile Organic Compounds			
Benzene µg/L	0.50	71-43-2	<0.50
Carbon tetrachloride µg/L	0.20	56-23-5	<0.20
Chlorobenzene µg/L	0.50	108-90-7	<0.50
Dichlorobenzene, 1,2- µg/L	0.50	95-50-1	<0.50
Dichlorobenzene, 1,4- µg/L	0.50	106-46-7	<0.50
Dichloroethane, 1,2- µg/L	0.50	107-06-2	<0.50
Dichloroethylene, 1,1- µg/L	0.50	75-35-4	<0.50
Dichloromethane µg/L	1.0	75-09-2	<1.0
Tetrachloroethylene µg/L	0.50	127-18-4	<0.50
Trichloroethylene µg/L	0.50	79-01-6	<0.50
Vinyl chloride µg/L	0.20	75-01-4	<0.20
Volatile Organic Compounds Surrogates			
Bromofluorobenzene, 4- µg/L	1.0	460-00-4	9.3
Difluorobenzene, 1,4- µg/L	1.0	540-36-3	9.8