

Well Water

Annual Report
2025

Valley Central

563 Candy Mountain Drive
Slate River ON P7J 0A8

Drinking Water System Number
260009945



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ANNUAL WELL WATER REPORT

LAKEHEAD DISTRICT SCHOOL BOARD

VALLEY CENTRAL PUBLIC SCHOOL

563 Candy Mountain Road

Slate River ON, P7J 0B8

Drinking-water System Number: **260009945**

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: **247**

Maximum flow rate Capacity: **2.00 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: **VALLEY CENTRAL PUBLIC SCHOOL**

Address of each designated facility **563 Candy Mountain Rd.**

Slate River ON, P7J 0B8

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

Number of Public facilities served by the drinking-water system: **N/A**

Name of each public facility served by the drinking-water system: **N/A**

1. DESCRIPTION OF THE SYSTEM:

Source(s) of raw water:

Trucked city water

Groundwater

Surface

Ground water under direct influence of surface water

If the source is groundwater or GUDI:

Groundwater: **NO**

GUDI: **NO**

Number of wells: **Zero**

Sample location names:

Raw: **RESIVOIR 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)

- Chloramination
- Chlorination
- 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 sampling lab analysis results are summarized in appendix C. Next 60-month tests are due in 2030.

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

5.1 Parameter Name: **Fluoride**

New water system commissioned Sept 2015 uses trucked city water and has eliminated this parameter.

5.2 Parameter Name: **Sodium**

New water system commissioned Sept 2015 uses trucked city water and has eliminated this parameter.

6. **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**

7. **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: March 25, 2026

Name of the Author: Kyle Ulvang

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			TY2500224-001 (1)
Sample			
Received Date			08-01-2025
Matrix			Water/Drinking Water - Regulated
Sample Description			Pre-UV and Distribution
Sample Tags			Valley Central PS Cistern Reg 170
Total Samples			12 Pre-UV / 24 Distrbution
Batch			
Site			260097773
Evaluation			Within Limit
	Min. LOR	CAS Number	
Microbiological Tests			
Coliforms, Escherichia coli [E. coli] P/A/100mL			Not Detected
Coliforms, total P/A/100mL			Not Detected
Heterotrophic plate count [HPC] CFU/mL	1		<1 - >300

			TY2502655-004 (1)	TY2504492-001 (1)	TY2510911-004 (1)
Sample					
Received Date			19-03-2025	07-05-2025	24-09-2025
Evaluation			Within Limit	Within Limit	Within Limit
Matrix			Water/Drinking Water - Regulated	Water/Drinking Water - Regulated	Water/Drinking Water - Regulated
Sample Description			Distribution	Distribution	Treated
Sample Tags			Valley Central PS Cistern Reg 170	Valley Central PS Cistern Reg 170	Valley Central PS Cistern Reg 170
Sample Name			Water Room Tap	Water Room Tap	Water Room Tap
Sampling Date			19-03-2025	07-05-2025	24-09-2025
ALS ID			TY2502655-004	TY2504492-001	TY2510911-004
Batch					
Received Date			19-03-2025	07-05-2025	24-09-2025
Site			260097773	260097773	260097773
Evaluation			Within Limit	Within Limit	Within Limit
Job #			260097773	260097773	260097773
	Min. LOR	CAS Number			
Anions and Nutrients					
Nitrate (as N) mg/L	0.020	14797-55-8	0.358	0.328	0.290
Nitrite (as N) mg/L	0.010	14797-65-0	<0.010	0.016	<0.010

	TY2505152-001 (1)	TY2505152-002 (1)	TY2505152-003 (1)	TY2505152-004 (1)	TY2505152-005 (1)	TY2505152-006 (1)
Sample						
Received Date	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025
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	Valley Central PS Reg	Valley Central PS Reg	Valley Central PS Reg	Valley Central PS Reg	Valley Central PS Reg	Valley Central PS Reg
Sample Name	Valley Central PS: VAL 3A-Room 112 Sink S	Valley Central PS: VAL 3B-Room 112 Sink F	Valley Central PS: VAL 1A-Handicap	Valley Central PS: VAL 1B-Handicap	Valley Central PS: VAL 2A-Staff Kitchen Sink	Valley Central PS: VAL 2B-Staff Kitchen Sink
Sampling Date	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025
ALS ID	TY2505152-001	TY2505152-002	TY2505152-003	TY2505152-004	TY2505152-005	TY2505152-006
Batch						
Received Date	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025	21-05-2025
Site	500021854	500021854	500021854	500021854	500021854	500021854
Evaluation	Within Limit	Within Limit	Within Limit	Within Limit	Within Limit	Within Limit
Job #	500021854	500021854	500021854	500021854	500021854	500021854
	Min. LOR					
Total Metals						
Lead, total µg/L	1.0	<1.0	<1.0	<1.0	<1.0	<1.0

	TY2504492-001 (1)	TY2504495-001 (1)	TY2506184-001 (1)	TY2506184-002 (1)
Sample				
Received Date	07-05-2025	07-05-2025	11-06-2025	11-06-2025
Evaluation	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
Sample Description	Distribution	Distribution	Treated	Treated
Sample Tags	Valley Central PS Cistern Reg 170	Valley Central PS Cistern Reg 170	Valley Central PS Cistern Reg 170	Valley Central PS Cistern Reg 170
Sample Name	Water Room Tap	Water Room Tap	Water Room Tap 1	Water Room Tap 2
Sampling Date	07-05-2025	07-05-2025	11-06-2025	11-06-2025
ALS ID	TY2504492-001	TY2504495-001	TY2506184-001	TY2506184-002
Batch				
Received Date	07-05-2025	07-05-2025	11-06-2025	11-06-2025
Site	260097773	260097773	260097773	260097773
Evaluation	Within Limit	Within Limit	Within Limit	Within Limit
Job #	260097773	260097773	260097773	260097773
	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	8.4	
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	79.9	
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	0.9	
Naphthalene-d8 µg/L	0.1	1146-65-2	0.9	
Phenanthrene-d10 µg/L	0.1	1517-22-2	0.9	
Semi-Volatile Organics Surrogates				
Fluorobiphenyl, 2- µg/L	1.0	321-60-8	101	
Nitrobenzene-d5 µg/L	1.0	4165-60-0	93.5	
Terphenyl-d14, p- µg/L	1.0	1718-51-0	132	
Total Metals				
Antimony, total µg/L	0.60	7440-36-0	<0.60	
Arsenic, total µg/L	1.0	7440-38-2	<1.0	
Barium, total µg/L	10	7440-39-3	10	
Boron, total µg/L	50	7440-42-8	<50	
Cadmium, total µg/L	0.10	7440-43-9	<0.10	
Chromium, total µg/L	1.0	7440-47-3	<1.0	
Mercury, total µg/L	0.100	7439-97-6	<0.100	
Selenium, total µg/L	1.0	7782-49-2	<1.0	
Sodium, total mg/L	0.50	7440-23-5	3.20	
Uranium, total µg/L	2.0	7440-61-1	<2.0	
Volatile Organic Compounds				
Benzene µg/L	0.50	71-43-2	<0.50	<0.50
Carbon tetrachloride µg/L	0.20	56-23-5	<0.20	<0.20
Chlorobenzene µg/L	0.50	108-90-7	<0.50	<0.50
Dichlorobenzene, 1,2- µg/L	0.50	95-50-1	<0.50	<0.50
Dichlorobenzene, 1,4- µg/L	0.50	106-46-7	<0.50	<0.50
Dichloroethane, 1,2- µg/L	0.50	107-06-2	<0.50	<0.50
Dichloroethylene, 1,1- µg/L	0.50	75-35-4	<0.50	<0.50
Dichloromethane µg/L	1.0	75-09-2	<1.0	<1.0
Tetrachloroethylene µg/L	0.50	127-18-4	<0.50	<0.50
Trichloroethylene µg/L	0.50	79-01-6	<0.50	<0.50
Vinyl chloride µg/L	0.20	75-01-4	<0.20	<0.20
Volatile Organic Compounds Surrogates				
Bromofluorobenzene, 4- µg/L	1	460-00-4	NR	10.8
Diffuorobenzene, 1,4- µg/L	1	540-36-3	NR	10.1