

# Well Water

Annual Report  
202,

## 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 2023 TO December 31, 2023**

Waterworks Type (O. Reg. 170/03): **SMALL NON-MUNICIPAL NON-RESIDENTIAL DESIGNATED FACILITY**

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: **MINISTRY 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 inorganic sampling was completed in 2020. Next 60 month tests are due in 2025.

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](http://www.lakeheadschoools.ca)

Date of the report: June 14, 2024

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Description	Sample Tags	Sample Name	Sampling Date	Anions and Nutrients		Microbiological Tests					Physical Tests		Total Metals
				Nitrate (as N) mg/L	Nitrite (as N) mg/L	Coliforms, Escherichia coli (E. coli) MPN/100mL	Coliforms, Escherichia coli (E. coli) P/A/100mL	Coliforms, total MPN/100mL	Coliforms, total P/A/100mL	Heterotrophic plate count (HPC) CFU/mL	Turbidity NTU	Lead, total µg/L	
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	04-01-2023				Not Detected		Not Detected	270			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	04-01-2023				Not Detected		Not Detected	32			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	04-01-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	18-01-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	18-01-2023				Not Detected		Not Detected	58			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	18-01-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	01-02-2023				Not Detected		Not Detected	115			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	01-02-2023				Not Detected		Not Detected	193			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	01-02-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	13-02-2023				N.R.		N.R.	N.R.			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	13-02-2023				N.R.		N.R.	N.R.			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	13-02-2023				N.R.		N.R.	N.R.			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	22-02-2023				Not Detected		Not Detected	191			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	22-02-2023				Not Detected		Not Detected	152			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	22-02-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	01-03-2023				Not Detected		Not Detected	252			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	01-03-2023				Not Detected		Not Detected	27			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	01-03-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	22-03-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	22-03-2023				Not Detected		Not Detected	127			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	22-03-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Treated Water	22-03-2023	0.368	<0.010								
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	12-04-2023				Not Detected		Not Detected	254			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	12-04-2023				Not Detected		Not Detected	15			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	12-04-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	26-04-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	26-04-2023				Not Detected		Not Detected	22			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	26-04-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	03-05-2023				Not Detected		Not Detected	57			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	03-05-2023				Not Detected		Not Detected	6			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	03-05-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	17-05-2023				Not Detected		Not Detected	27			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	17-05-2023				Not Detected		Not Detected	19			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	17-05-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	07-06-2023				Not Detected		Not Detected	92			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	07-06-2023				Not Detected		Not Detected	22			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	07-06-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Treated Water	07-06-2023	0.373	0.038								
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	21-06-2023				Not Detected		Not Detected	133			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	21-06-2023				Not Detected		Not Detected	26			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	21-06-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	05-07-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	05-07-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	05-07-2023				Not Detected		Not Detected	152			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	19-07-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	19-07-2023				Not Detected		Not Detected	3			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	19-07-2023				Not Detected		Not Detected	21			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	02-08-2023				Not Detected		Not Detected	7			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	02-08-2023				Not Detected		Not Detected	13			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	02-08-2023				Not Detected		Not Detected	62			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	16-08-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	16-08-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	16-08-2023				Not Detected		Not Detected	11			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	13-10-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	13-10-2023				Not Detected		Not Detected	3			
Distribution	Valley Central PS Cistern Reg 170	Girls Handicap Washroom	13-10-2023				Not Detected		Not Detected	2			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	25-10-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	25-10-2023				Not Detected		Not Detected	6			
Distribution	Valley Central PS Cistern Reg 170	All Gender Washroom	25-10-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	08-11-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	All Gender Washroom	08-11-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	08-11-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	22-11-2023				Not Detected		Not Detected	11			
Distribution	Valley Central PS Cistern Reg 170	All Gender Washroom	22-11-2023				Not Detected		Not Detected	4			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	22-11-2023				Not Detected		Not Detected	<1			
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	06-12-2023				Not Detected		Not Detected	12			
Distribution	Valley Central PS Cistern Reg 170	All Gender Washroom	06-12-2023				Not Detected		Not Detected	143			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	06-12-2023				Not Detected		Not Detected	6			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	06-12-2023	0.324	<0.010								
Distribution	Valley Central PS Cistern Reg 170	Daycare Kitchen	20-12-2023				Not Detected		Not Detected	95			
Distribution	Valley Central PS Cistern Reg 170	All Gender Washroom	20-12-2023				Not Detected		Not Detected	>300			
Distribution	Valley Central PS Cistern Reg 170	Water Room Tap	20-12-2023				Not Detected		Not Detected	1			

[illegible]