

Well Water

Annual Report
2022

McKenzie

1625 Lakeshore Drive
Shuniah ON P7A 0T2

Drinking Water System Number
260009932



Lakehead
Public
Schools

Committed to the success of every student
www.lakeheadschoools.ca



Integrity Acceptance Empathy Respect Responsibility

You belong here

ANNUAL WELL WATER REPORT

LAKEHEAD DISTRICT SCHOOL BOARD

McKENZIE PUBLIC SCHOOL

1625 Lakeshore Drive, Shuniah, ON P7A 0T2

Drinking-water System Number: **260009932**

The Period being reported: **January 1, 2022 TO December 31, 2022**

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

Population Served: **80**

Maximum flow rate Capacity: **1.26 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: **McKENZIE PUBLIC SCHOOL**

Address of each designated facility: **1625 Lakeshore Drive, Shuniah, ON P7A 0T2**

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: **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:
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.lakeheadschoools.ca

Date of the report: August 2, 2023

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

Sample Tags	Name	Sampling Date	ALS ID	Test	Unit	Result
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	04-01-2022 08:38	L2676463-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	04-01-2022 08:38	L2676463-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION DAYCARE ROOM 1	04-01-2022 08:20	L2676463-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION DAYCARE ROOM 1	04-01-2022 08:20	L2676463-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION DAYCARE ROOM 1	04-01-2022 08:20	L2676463-2	heterotrophic plate count [HPC]	CFU/mL	1
McKenzie PS Reg 170	~D1 DISTRIBUTION SK LUNCHROOM	04-01-2022 08:44	L2676463-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION SK LUNCHROOM	04-01-2022 08:44	L2676463-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION SK LUNCHROOM	04-01-2022 08:44	L2676463-3	heterotrophic plate count [HPC]	CFU/mL	1
McKenzie PS Reg 170	~D1 NITRATES ROOM 10	04-01-2022 08:33	L2676470-1	nitrate (as N)	mg/L	<0.020
McKenzie PS Reg 170	~D1 NITRATES ROOM 10	04-01-2022 08:33	L2676470-1	nitrite (as N)	mg/L	<0.010
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	18-01-2022 08:08	L2679538-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	18-01-2022 08:08	L2679538-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	18-01-2022 07:58	L2679538-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	18-01-2022 07:58	L2679538-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	18-01-2022 07:58	L2679538-2	heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	18-01-2022 08:04	L2679538-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	18-01-2022 08:04	L2679538-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	18-01-2022 08:04	L2679538-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~R1 RAW WATER ROOM	01-02-2022 08:00	L2682782-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW WATER ROOM	01-02-2022 08:00	L2682782-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	01-02-2022 08:00	L2682782-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	01-02-2022 08:00	L2682782-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	01-02-2022 08:00	L2682782-2	heterotrophic plate count [HPC]	CFU/mL	9
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-02-2022 08:00	L2682782-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-02-2022 08:00	L2682782-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-02-2022 08:00	L2682782-3	heterotrophic plate count [HPC]	CFU/mL	>300
McKenzie PS Reg 170	~E1 TREATED WATER ROOM	01-02-2022 08:00	L2682782-4	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~E1 TREATED WATER ROOM	01-02-2022 08:00	L2682782-4	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~E1 TREATED WATER ROOM	01-02-2022 08:00	L2682782-4	heterotrophic plate count [HPC]	CFU/mL	50
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	15-02-2022 07:55	L2686051-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	15-02-2022 07:55	L2686051-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	15-02-2022 07:50	L2686051-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	15-02-2022 07:50	L2686051-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	15-02-2022 07:50	L2686051-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	15-02-2022 07:47	L2686051-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	15-02-2022 07:47	L2686051-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	15-02-2022 07:47	L2686051-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	01-03-2022 07:47	L2689195-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	01-03-2022 07:47	L2689195-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-03-2022 07:42	L2689195-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent

McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-03-2022 07:42	L2689195-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	01-03-2022 07:42	L2689195-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM SK/JK LUNC	01-03-2022 07:45	L2689195-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM SK/JK LUNC	01-03-2022 07:45	L2689195-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM SK/JK LUNC	01-03-2022 07:45	L2689195-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	22-03-2022 07:42	L2693914-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	22-03-2022 07:42	L2693914-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	22-03-2022 07:44	L2693914-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	22-03-2022 07:44	L2693914-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1	22-03-2022 07:44	L2693914-2	heterotrophic plate count [HPC]	CFU/mL	7
McKenzie PS Reg 170	~D1 DISTRIBUTION SK/JK LUNCH ROO	22-03-2022 07:50	L2693914-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION SK/JK LUNCH ROO	22-03-2022 07:50	L2693914-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION SK/JK LUNCH ROO	22-03-2022 07:50	L2693914-3	heterotrophic plate count [HPC]	CFU/mL	21
McKenzie PS Reg 170	~E1 NITRATE SAMPLE	22-03-2022 07:41	L2693937-1	nitrate (as N)	mg/L	<0.020
McKenzie PS Reg 170	~E1 NITRATE SAMPLE	22-03-2022 07:41	L2693937-1	nitrite (as N)	mg/L	<0.010
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	29-03-2022 07:37	L2695565-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	29-03-2022 07:37	L2695565-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	29-03-2022 07:35	L2695565-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	29-03-2022 07:35	L2695565-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	29-03-2022 07:35	L2695565-2	heterotrophic plate count [HPC]	CFU/mL	14
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	29-03-2022 07:32	L2695565-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	29-03-2022 07:32	L2695565-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	29-03-2022 07:32	L2695565-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM RAW	12-04-2022 07:35	L2698692-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM RAW	12-04-2022 07:35	L2698692-1	coliforms, total	MPN/100mL	6
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1 DAY CARE	12-04-2022 07:26	L2698692-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1 DAY CARE	12-04-2022 07:26	L2698692-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 1 DAY CARE	12-04-2022 07:26	L2698692-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROO	12-04-2022 07:30	L2698692-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROO	12-04-2022 07:30	L2698692-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROO	12-04-2022 07:30	L2698692-3	heterotrophic plate count [HPC]	CFU/mL	5
McKenzie PS Reg 170	~R1 PUMP ROOM	26-04-2022 07:30	L2701381-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 PUMP ROOM	26-04-2022 07:30	L2701381-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 ROOM10	26-04-2022 07:30	L2701381-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM10	26-04-2022 07:30	L2701381-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM10	26-04-2022 07:30	L2701381-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 ROOM1	26-04-2022 07:30	L2701381-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM1	26-04-2022 07:30	L2701381-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM1	26-04-2022 07:30	L2701381-3	heterotrophic plate count [HPC]	CFU/mL	27
McKenzie PS Reg 170	~D1 ROOM2	26-04-2022 07:30	L2701381-4	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM2	26-04-2022 07:30	L2701381-4	coliforms, total	p/a/100mL	Absent

McKenzie PS Reg 170	~D1 ROOM2	26-04-2022 07:30	L2701381-4	heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	~R1 PUMP ROOM	10-05-2022 07:35	L2705042-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 PUMP ROOM	10-05-2022 07:35	L2705042-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 JK/SK LUNCH ROOM	10-05-2022 07:33	L2705042-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 JK/SK LUNCH ROOM	10-05-2022 07:33	L2705042-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 JK/SK LUNCH ROOM	10-05-2022 07:33	L2705042-2	heterotrophic plate count [HPC]	CFU/mL	64
McKenzie PS Reg 170	~D1 ROOM2	10-05-2022 07:30	L2705042-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM2	10-05-2022 07:30	L2705042-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM2	10-05-2022 07:30	L2705042-3	heterotrophic plate count [HPC]	CFU/mL	4
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	24-05-2022 07:56	L2708626-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	24-05-2022 07:56	L2708626-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUION ROOM 10	24-05-2022 07:55	L2708626-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUION ROOM 10	24-05-2022 07:55	L2708626-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUION ROOM 10	24-05-2022 07:55	L2708626-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	24-05-2022 07:53	L2708626-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	24-05-2022 07:53	L2708626-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	24-05-2022 07:53	L2708626-3	heterotrophic plate count [HPC]	CFU/mL	6
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	07-06-2022 07:45	L2712722-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	07-06-2022 07:45	L2712722-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTON DAYCARE RM 1	07-06-2022 07:40	L2712722-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTON DAYCARE RM 1	07-06-2022 07:40	L2712722-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTON DAYCARE RM 1	07-06-2022 07:40	L2712722-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	07-06-2022 07:42	L2712722-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	07-06-2022 07:42	L2712722-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	07-06-2022 07:42	L2712722-3	heterotrophic plate count [HPC]	CFU/mL	21
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	09-06-2022 14:12	L2713806-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	09-06-2022 14:12	L2713806-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	09-06-2022 14:06	L2713806-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	09-06-2022 14:06	L2713806-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	09-06-2022 14:06	L2713806-2	heterotrophic plate count [HPC]	CFU/mL	6
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	09-06-2022 14:08	L2713806-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	09-06-2022 14:08	L2713806-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	09-06-2022 14:08	L2713806-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 ROOM 10	09-06-2022 14:10	L2713806-4	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM 10	09-06-2022 14:10	L2713806-4	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 ROOM 10	09-06-2022 14:10	L2713806-4	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~R1 PUMP ROOM	10-06-2022 08:07	L2714077-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 PUMP ROOM	10-06-2022 08:07	L2714077-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	10-06-2022 08:09	L2714077-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	10-06-2022 08:09	L2714077-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	10-06-2022 08:09	L2714077-2	heterotrophic plate count [HPC]	CFU/mL	0

McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	10-06-2022 08:01	L2714077-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	10-06-2022 08:01	L2714077-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 10	10-06-2022 08:01	L2714077-3	heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	~D1 JK/SK LUNCH ROOM	10-06-2022 08:05	L2714077-4	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 JK/SK LUNCH ROOM	10-06-2022 08:05	L2714077-4	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	21-06-2022 07:49	L2716724-1	coliforms, Escherichia coli [E. coli]	MPN/100mL	0
McKenzie PS Reg 170	~R1 RAW PUMP ROOM	21-06-2022 07:49	L2716724-1	coliforms, total	MPN/100mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	21-06-2022 07:45	L2716724-2	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	21-06-2022 07:45	L2716724-2	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION ROOM 2	21-06-2022 07:45	L2716724-2	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	21-06-2022 07:43	L2716724-3	coliforms, Escherichia coli [E. coli]	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	21-06-2022 07:43	L2716724-3	coliforms, total	p/a/100mL	Absent
McKenzie PS Reg 170	~D1 DISTRIBUTION JK/SK LUNCHROOM	21-06-2022 07:43	L2716724-3	heterotrophic plate count [HPC]	CFU/mL	0
McKenzie PS Reg 170	~E1 NITRATE	21-06-2022 07:47	L2716733-1	nitrate (as N)	mg/L	<0.020
McKenzie PS Reg 170	~E1 NITRATE	21-06-2022 07:47	L2716733-1	nitrite (as N)	mg/L	<0.010
McKenzie PS Reg 170	Raw Pump Room	25-08-2022 06:24	TY2200923-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Pump Room	25-08-2022 06:24	TY2200923-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200923-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200923-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200923-002	Heterotrophic plate count [HPC]	CFU/mL	<1
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:23	TY2200923-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:23	TY2200923-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:23	TY2200923-003	Heterotrophic plate count [HPC]	CFU/mL	7
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:26	TY2200923-004	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:26	TY2200923-004	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:26	TY2200923-004	Heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	Raw Water Pump Room	25-08-2022 06:24	TY2200968-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	25-08-2022 06:24	TY2200968-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:25	TY2200968-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:25	TY2200968-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	25-08-2022 06:25	TY2200968-002	Heterotrophic plate count [HPC]	CFU/mL	1
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200968-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200968-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	25-08-2022 06:29	TY2200968-003	Heterotrophic plate count [HPC]	CFU/mL	3
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:27	TY2200968-004	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:27	TY2200968-004	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	25-08-2022 06:27	TY2200968-004	Heterotrophic plate count [HPC]	CFU/mL	26
McKenzie PS Reg 170	Raw Water Pump Room	13-09-2022 07:13	TY2201567-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	13-09-2022 07:13	TY2201567-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 10	13-09-2022 07:15	TY2201567-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	13-09-2022 07:15	TY2201567-002	Coliforms, total	P/A/100mL	Not Detected

McKenzie PS Reg 170	Distribution Room 10	13-09-2022 07:15	TY2201567-002	Heterotrophic plate count [HPC]	CFU/mL	4
McKenzie PS Reg 170	Distribution Room 2	13-09-2022 07:17	TY2201567-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	13-09-2022 07:17	TY2201567-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	13-09-2022 07:17	TY2201567-003	Heterotrophic plate count [HPC]	CFU/mL	<1
McKenzie PS Reg 170	JK/SK Lunch Room	13-09-2022 07:20	TY2201567-004	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	13-09-2022 07:20	TY2201567-004	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	13-09-2022 07:20	TY2201567-004	Heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	Raw Water Pump Room	27-09-2022 07:28	TY2202131-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	27-09-2022 07:28	TY2202131-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	JK/SK Lunch Room	27-09-2022 07:30	TY2202131-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	27-09-2022 07:30	TY2202131-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	JK/SK Lunch Room	27-09-2022 07:30	TY2202131-002	Heterotrophic plate count [HPC]	CFU/mL	3
McKenzie PS Reg 170	Distribution Room 1	27-09-2022 07:25	TY2202131-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 1	27-09-2022 07:25	TY2202131-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 1	27-09-2022 07:25	TY2202131-003	Heterotrophic plate count [HPC]	CFU/mL	1
McKenzie PS Reg 170	Treated Water McKenzie	27-09-2022 07:21	TY2202131-004	Nitrate (as N)	mg/L	0.133
McKenzie PS Reg 170	Treated Water McKenzie	27-09-2022 07:21	TY2202131-004	Nitrite (as N)	mg/L	<0.010
McKenzie PS Reg 170	Raw Water Pump Room	11-10-2022 07:30	TY2202664-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	11-10-2022 07:30	TY2202664-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 10	11-10-2022 07:33	TY2202664-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	11-10-2022 07:33	TY2202664-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	11-10-2022 07:33	TY2202664-002	Heterotrophic plate count [HPC]	CFU/mL	3
McKenzie PS Reg 170	Distribution Room 2	11-10-2022 07:35	TY2202664-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	11-10-2022 07:35	TY2202664-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	11-10-2022 07:35	TY2202664-003	Heterotrophic plate count [HPC]	CFU/mL	14
McKenzie PS Reg 170	Raw Water Pump Room	25-10-2022 07:26	TY2203347-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	25-10-2022 07:26	TY2203347-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Day Care	25-10-2022 07:31	TY2203347-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	25-10-2022 07:31	TY2203347-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	25-10-2022 07:31	TY2203347-002	Heterotrophic plate count [HPC]	CFU/mL	<1
McKenzie PS Reg 170	Distribution JK Room	25-10-2022 07:34	TY2203347-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	25-10-2022 07:34	TY2203347-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	25-10-2022 07:34	TY2203347-003	Heterotrophic plate count [HPC]	CFU/mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	08-11-2022 07:35	TY2203850-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	08-11-2022 07:35	TY2203850-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 10	08-11-2022 07:38	TY2203850-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	08-11-2022 07:38	TY2203850-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	08-11-2022 07:38	TY2203850-002	Heterotrophic plate count [HPC]	CFU/mL	30
McKenzie PS Reg 170	Distribution Room 2	08-11-2022 07:41	TY2203850-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	08-11-2022 07:41	TY2203850-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	08-11-2022 07:41	TY2203850-003	Heterotrophic plate count [HPC]	CFU/mL	40

McKenzie PS Reg 170	Raw Water Pump Room	22-11-2022 07:20	TY2204338-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	22-11-2022 07:20	TY2204338-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Day Care	22-11-2022 07:26	TY2204338-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	22-11-2022 07:26	TY2204338-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	22-11-2022 07:26	TY2204338-002	Heterotrophic plate count [HPC]	CFU/mL	26
McKenzie PS Reg 170	Distribution JK Room	22-11-2022 07:29	TY2204338-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	22-11-2022 07:29	TY2204338-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	22-11-2022 07:29	TY2204338-003	Heterotrophic plate count [HPC]	CFU/mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	06-12-2022 07:12	TY2204766-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	06-12-2022 07:12	TY2204766-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Room 10	06-12-2022 07:22	TY2204766-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	06-12-2022 07:22	TY2204766-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 10	06-12-2022 07:22	TY2204766-002	Heterotrophic plate count [HPC]	CFU/mL	18
McKenzie PS Reg 170	Distribution Room 2	06-12-2022 07:25	TY2204766-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	06-12-2022 07:25	TY2204766-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Room 2	06-12-2022 07:25	TY2204766-003	Heterotrophic plate count [HPC]	CFU/mL	3
McKenzie PS Reg 170	Raw Water Pump Room	15-12-2022 07:24	TY2204998-001	Coliforms, Escherichia coli [E. coli]	MPN/100mL	<1
McKenzie PS Reg 170	Raw Water Pump Room	15-12-2022 07:24	TY2204998-001	Coliforms, total	MPN/100mL	<1
McKenzie PS Reg 170	Distribution Day Care	15-12-2022 07:33	TY2204998-002	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	15-12-2022 07:33	TY2204998-002	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution Day Care	15-12-2022 07:33	TY2204998-002	Heterotrophic plate count [HPC]	CFU/mL	3
McKenzie PS Reg 170	Distribution JK Room	15-12-2022 07:37	TY2204998-003	Coliforms, Escherichia coli [E. coli]	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	15-12-2022 07:37	TY2204998-003	Coliforms, total	P/A/100mL	Not Detected
McKenzie PS Reg 170	Distribution JK Room	15-12-2022 07:37	TY2204998-003	Heterotrophic plate count [HPC]	CFU/mL	2
McKenzie PS Reg 170	Treated Water McKenzie	15-12-2022 07:27	TY2204998-004	Nitrate (as N)	mg/L	<0.020
McKenzie PS Reg 170	Treated Water McKenzie	15-12-2022 07:27	TY2204998-004	Nitrite (as N)	mg/L	<0.010

Sample Tags	Name	Sampling Date	ALS ID	Test	Unit	Result
McKenzie PS Reg 243 Leads	~P1 MAC 1F-A	24-05-2022 06:50	L2708678-1	lead	ug/L	<1.0
McKenzie PS Reg 243 Leads	~P2 MAC 1F-B	24-05-2022 07:32	L2708678-2	lead	ug/L	<1.0
McKenzie PS Reg 243 Leads	~P1 MAC 2F-A	24-05-2022 06:52	L2708678-3	lead	ug/L	1.2
McKenzie PS Reg 243 Leads	~P2 MAC 2F-B	24-05-2022 07:32	L2708678-4	lead	ug/L	<1.0
McKenzie PS Reg 243 Leads	~P1 MAC 4F-A	24-05-2022 06:52	L2708678-5	lead	ug/L	4.8
McKenzie PS Reg 243 Leads	~P2 MAC 4F-B	24-05-2022 07:34	L2708678-6	lead	ug/L	1.8