



ANNUAL REPORT

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| Drinking-Water System Number: | 210000924 |
| Drinking-Water System Name: | Point Edward Water Distribution System |
| Drinking-Water System Owner: | The Corporation of the Village of Point Edward |
| Drinking-Water System Category: | Large Municipal Residential |
| Period being reported: | January 01 – December 31 2022 |

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|---|--|
| <p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [x]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [x] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Village of Point Edward Office 135 Kendall Street Point Edward, ON N7V 4G6</p> </div> | <p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">N/A</div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">N/A</div> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No [N/A]</p> |
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Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

| Drinking Water System Name | Drinking Water System Number |
|-----------------------------------|-------------------------------------|
| N/A | N/A |

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes [] No [x] Not Applicable



Indicate how you notified system users that your annual report is available, and is free of charge.

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via Public Request

Describe your Drinking-Water System

The distribution system consists of approximately 22 kms of watermains. The majority of the watermains in the system are composed of polyvinyl chloride (PVC) and ductile iron. Older watermains are of cast iron construction and there is one small section of transite watermain. Operation and maintenance of the system is performed by the Village of Point Edward Water Department. All drinking water is supplied by the Lambton Area Water Supply System (LAWSS).

List all water treatment chemicals used over this reporting period

N/A (no additional chemicals are added to the treated water from LAWSS)

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

| | |
|--|---------|
| Installation / replacement of valves | 1,100 |
| Watermain maintenance/service/repairs | 72,881 |
| Water meter purchases | 4,598 |
| Hydrant maintenance / repairs / purchase | 5,939 |
| H&S / Operations / Training / Equipment | 12,843 |
| LAWSS Operating / Capital | 246,063 |

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

| Incident Date | Parameter | Result | Unit of Measure | Corrective Action | Corrective Action Date |
|---------------|-----------|--------|-----------------|-------------------|------------------------|
| N/A(none) | | | | | |



Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

| | Number of Samples | Range of E. Coli Or Fecal Results (min #)-(max #) | Range of Total Coliform Results (min #)-(max #) | Number of HPC Samples | Range of HPC Results (min #)-(max #) |
|--------------|-------------------|---|---|-----------------------|--------------------------------------|
| Raw | N/A | N/A | N/A | N/A | N/A |
| Treated | N/A | N/A | N/A | N/A | N/A |
| Distribution | 153 | 0-0 | 0-0 | 51 | <10 - 80 |

Note: Dec 13, 2022 HPC sample results = NDOGHPC – (Lab unable to count)

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

| | Number of Grab Samples | Range of Results (min #)-(max #) | Unit of Measure |
|---|------------------------|----------------------------------|-----------------|
| Turbidity | N/A | | |
| Chlorine | 569 | 0.70 – 1.76 | mg/L |
| Fluoride (If the DWS provides fluoridation) | N/A | | |

NOTE: For continuous monitors use 8760 as the number of samples.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

| Date of legal instrument issued | Parameter | Date Sampled | Result | Unit of Measure |
|---------------------------------|-----------|--------------|--------|-----------------|
| N/A | | | | |

Summary of Inorganic parameters tested during this reporting period or the most recent sample results:

Note: Lambton Area Water Supply (LAWSS) who supplies the water for the Point Edward distribution system has the required results for inorganic parameter. A copy of the LAWSS Annual Report can be found on the Village of Point Edward website.



Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

| Location Type | Number of Samples | Range of Lead Results (min#) – (max #) | Unit of Measure | Number of Exceedances |
|---------------------|-------------------|--|-----------------|-----------------------|
| Plumbing | N/A | | | |
| Distribution | 4 | 0.02 - 0.14 | ug/L | 0 |

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Note: Point Edward does not conduct the organic sampling, with the exception of THM. Lambton Area Water Supply System (LAWSS) who supplies the water for the Point Edward distribution system has the required results for the organic parameters. A copy of the LAWSS Annual Report can be found on the Village of Point Edward website.

| Parameter | Sample Date | Result Value | Unit of Measure | Exceedance |
|--|----------------|--------------|-----------------|------------|
| THM (NOTE: show latest RAA annual average) | Jan – Dec 2022 | 21 | ug/L | No |
| HAA (NOTE: show latest RAA annual average) | Jan – Dec 2022 | 8.8 | ug/L | No |

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

| Parameter | Result Value | Unit of Measure | Date of Sample |
|-----------|--------------|-----------------|----------------|
| None | | | |