



# Ontario Drinking-Water Systems Regulation O. Reg. 170/03

## OPTIONAL ANNUAL REPORT TEMPLATE

|                                 |  |
|---------------------------------|--|
| Drinking-Water System Number:   | 260001747  |
| Drinking-Water System Name:     | Holland-Queensville-Sharon Water Distribution System |
| Drinking-Water System Owner:    | The Town of East Gwillimbury                         |
| Drinking-Water System Category: | Distribution   |
| Period being reported:          | January 01, 2024 to December 31, 2024                |

|   |  |
|---|--|
| <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 <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></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>East Gwillimbury Civic Centre 19000 Leslie St., Sharon, ON L0G 1V0</p> <p><a href="http://www.eastgwillimbury.ca/en/municipal-services/drinking-water-annual-reports.aspx">www.eastgwillimbury.ca/en/municipal-services/drinking-water-annual-reports.aspx</a></p> </div> | <p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Number of Interested Authorities you report to:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input type="checkbox"/></p> |
|---|--|

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 |
|---|------------------------------|
| 119 Peter Street Condominium Distribution System* | 260095485                    |

\*Note this system was fragmented from Drinking Water System No. 260001747 on June 14, 2024.

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

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 a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method \_\_\_\_\_



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## Describe your Drinking-Water System

The “Holland Landing/ Queensville/ Sharon” Water Distribution System services 4 distinct areas:

1. Community of Holland Landing
2. Community of Sharon
3. Community of Queensville
4. Bales Drive Industrial Area

At the end of 2024, the system serviced 8,209 water accounts or approximately 26,269 persons. The communities are joined via York Region owned and operated transmission mains.

The Holland Landing/ Queensville/ Sharon drinking water system is operated as a chloraminated drinking water system and receives ground water from the two (2) York Region wells in Holland Landing and four (4) York Region wells in Queensville. Additionally, this system receives a blended source of surface water from Lake Ontario water and ground water by way of Leslie Street and Woodbine Avenue from the Town of Newmarket.

The Town staff that operate and maintain the distribution system are certified and licensed by the Ontario Ministry of the Environment, Conservation and Parks (MECP). The Town specifically operates and maintains the watermains (except those owned by the Region), valves, hydrants, automatic flushing units and service connections to the end users.

## List all water treatment chemicals used over this reporting period

No additional chemicals are added to treated waters received from York Region

## 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

| Location | Description | Cost |
|----------|-------------|------|
|          |             |      |

## 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 Number | Incident Date | Parameter         | Result   | Corrective Action  | Resolution Date |
|-----------------|---------------|-------------------|----------|--|-----------------|
| 164279          | 1-03-2024     | Chlorine Residual | 0.17mg/L | Flushed, re-sampled, restored chlorine residual to area. | 1-03-2024       |
| 164432          | 1-31-2024     | Chlorine Residual | 0.13mg/L | Flushed, re-sampled, restored chlorine residual to area. | 1-31-2024       |
| 164689          | 03-27-2024    | Chlorine Residual | 0.15mg/L | Flushed, re-sampled, restored chlorine residual to area. | 03-27-2024      |
| 165039          | 5-27-2024     | Chlorine Residual | 0.11mg/L | Flushed, re-sampled, restored chlorine residual to area. | 5-27-2024       |
| 165113          | 6-3-2024      | Chlorine Residual | 0.22mg/L | Flushed, re-sampled, restored chlorine residual to area. | 6-3-2024        |

|        |           |                   |          |  |           |
|--------|-----------|-------------------|----------|--|-----------|
| 165222 | 6-17-2024 | Chlorine Residual | 0.23mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 6-17-2024 |
| 165261 | 6-20-2024 | Chlorine Residual | 0.10mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 6-20-2024 |
| 165373 | 6-27-2024 | Chlorine Residual | 0.13mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 6-27-2024 |
| 165429 | 7-2-2024  | Total Coliform    | Present  | Flushed, re-sampled, and tested location of exceedance as well as upstream and downstream locations. | 7-4-2024  |
| 165527 | 7-11-2024 | Chlorine Residual | 0.22mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 7-11-2024 |
| 165655 | 7-18-2024 | Chlorine Residual | 0.17mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 7-18-2024 |
| 165758 | 7-25-2024 | Chlorine Residual | 0.21mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 7-25-2024 |
| 165847 | 7-31-2024 | Chlorine Residual | 0.03mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 7-31-2024 |
| 165899 | 8-6-2024  | Chlorine Residual | 0.08mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 8-6-2024  |
| 166064 | 8-22-2024 | Chlorine Residual | 0.09mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 8-22-2024 |
| 166093 | 8-26-2024 | Chlorine Residual | 0.10mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 8-26-2024 |
| 166113 | 8-28-2024 | Chlorine Residual | 0.22mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 8-28-2024 |
| 166149 | 8-29-2024 | Chlorine Residual | 0.07mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 8-29-2024 |
| 166175 | 9-3-2024  | Chlorine Residual | 0.06mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-3-2024  |
| 166201 | 9-5-2024  | Chlorine Residual | 0.17mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-5-2024  |
| 166224 | 9-6-2024  | Chlorine Residual | 0.00mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-6-2024  |
| 166244 | 9-9-2024  | Chlorine Residual | 0.07mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-9-2024  |
| 166317 | 9-16-2024 | Chlorine Residual | 0.23mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-16-2024 |
| 166324 | 9-16-2024 | Chlorine Residual | 0.13mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-16-2024 |
| 166366 | 9-19-2024 | Chlorine Residual | 0.18mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-19-2024 |
| 166409 | 9-23-2024 | Chlorine Residual | 0.08mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-23-2024 |
| 166427 | 9-25-2024 | Chlorine Residual | 0.22mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-25-2024 |

|        |            |                   |          |  |            |
|--------|------------|-------------------|----------|--|------------|
| 166446 | 9-26-2024  | Chlorine Residual | 0.07mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-26-2024  |
| 166486 | 9-30-2024  | Chlorine Residual | 0.06mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-30-2024  |
| 166491 | 9-30-2024  | Chlorine Residual | 0.10mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 9-30-2024  |
| 166536 | 10-2-2024  | Total coliform    | Present  | Flushed, re-sampled, and tested location of exceedance as well as upstream and downstream locations. | 10-3-2024  |
| 166564 | 10-4-2024  | Chlorine Residual | 0.02mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-4-2024  |
| 166586 | 10-7-2024  | Chlorine Residual | 0.13mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-7-2024  |
| 166629 | 10-11-2024 | Chlorine Residual | 0.10mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-11-2024 |
| 166650 | 10-15-2024 | Chlorine Residual | 0.14mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-15-2024 |
| 166669 | 10-17-2024 | Chlorine Residual | 0.15mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-17-2024 |
| 166679 | 10-18-2024 | Chlorine Residual | 0.04mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-18-2024 |
| 166701 | 10-21-2024 | Chlorine Residual | 0.11mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-21-2024 |
| 166722 | 10-23-2024 | Chlorine Residual | 0.14mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-23-2024 |
| 166763 | 10-28-2024 | Chlorine Residual | 0.11mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-28-2024 |
| 166780 | 10-30-2024 | Chlorine Residual | 0.23mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-30-2024 |
| 166793 | 10-31-2024 | Chlorine Residual | 0.03mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 10-31-2024 |
| 166814 | 11-4-2024  | Chlorine Residual | 0.05mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-4-2024  |
| 166845 | 11-7-2024  | Chlorine Residual | 0.07mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-7-2024  |
| 166879 | 11-14-2024 | Chlorine Residual | 0.06mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-14-2024 |
| 166893 | 11-18-2024 | Chlorine Residual | 0.09mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-18-2024 |
| 166912 | 11-21-2024 | Chlorine Residual | 0.12mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-21-2024 |
| 166931 | 11-25-2024 | Chlorine Residual | 0.00mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-25-2024 |
| 166949 | 11-27-2024 | Chlorine Residual | 0.23mg/L | Flushed, re-sampled, restored chlorine residual to area.   | 11-27-2024 |



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|        |            |                   |          |  |            |
|--------|------------|-------------------|----------|--|------------|
| 166951 | 11-27-2024 | Chlorine Residual | 0.00mg/L | Flushed, re-sampled, restored chlorine residual to area. | 11-27-2024 |
| 166959 | 11-28-2024 | Chlorine Residual | 0.09mg/L | Flushed, re-sampled, restored chlorine residual to area. | 11-28-2024 |
| 166966 | 11-29-2024 | Chlorine Residual | 0.08mg/L | Flushed, re-sampled, restored chlorine residual to area. | 11-29-2024 |
| 166982 | 12-2-2024  | Chlorine Residual | 0.04mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-2-2024  |
| 167010 | 12-5-2024  | Chlorine Residual | 0.22mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-5-2024  |
| 167063 | 12-12-2024 | Chlorine Residual | 0.05mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-12-2024 |
| 167077 | 12-17-2024 | Chlorine Residual | 0.08mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-17-2024 |
| 167082 | 12-19-2024 | Chlorine Residual | 0.18mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-19-2024 |
| 167084 | 12-19-2024 | Chlorine Residual | 0.24mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-19-2024 |
| 167098 | 12-23-2024 | Chlorine Residual | 0.09mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-23-2024 |
| 167110 | 12-24-2024 | Chlorine Residual | 0.14mg/L | Flushed, re-sampled, restored chlorine residual to area. | 12-24-2024 |

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               |   |   |                       |                                      |
| Treated      | N/A               |   |   |                       |                                      |
| Distribution | 437               | Absent  | Absent-Present (3)                              | 222                   | 0-70                                 |

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 #) |
|---|------------------------|----------------------------------|
| Turbidity                                   | N/A                    |                                  |
| Chlorine                                    | 3273                   | 0.00*-3.11 Combined              |
| Fluoride (If the DWS provides fluoridation) | N/A                    |                                  |

\*Detected in chlorine residual sampling, see incidents reported above under Schedule 16.

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

| Parameter | Sample Date       | Result Value | Unit of Measure | Exceedance |
|-----------|-------------------|--------------|-----------------|------------|
| Antimony  | N/A               |              |                 |            |
| Arsenic   | N/A               |              |                 |            |
| Barium    | N/A               |              |                 |            |
| Boron     | N/A               |              |                 |            |
| Cadmium   | N/A               |              |                 |            |
| Chromium  | N/A               |              |                 |            |
| *Lead     | N/A               |              |                 |            |
| Mercury   | N/A               |              |                 |            |
| Selenium  | N/A               |              |                 |            |
| Sodium    | August 28, 2023   | 16           | mg/L            | No         |
| Sodium    | August 28, 2023   | 21           | mg/L            | Yes        |
| Sodium    | August 28, 2023   | 20           | mg/L            | No         |
| Sodium    | August 29, 2023   | 21           | mg/L            | Yes        |
| Sodium    | September 6, 2023 | 21.7         | mg/L            | Yes        |
| Sodium    | September 6, 2023 | 21.6         | mg/L            | Yes        |
| Uranium   | N/A               |              |                 |            |
| Fluoride  | N/A               |              |                 |            |
| Nitrite   | N/A               |              |                 |            |
| Nitrate   | N/A               |              |                 |            |

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

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-Round 1 | Number of Samples-Round 2 | Range of Lead Results (min#) – (max #) in mg/L | Number of Exceedances |
|---------------------|---------------------------|---------------------------|--|-----------------------|
| Distribution System | 4                         | 4                         | <0.0005  | 0                     |

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

| Parameter                            | Sample Date | Result Value | Unit of Measure | Exceedance |
|--------------------------------------|-------------|--------------|-----------------|------------|
| Alachlor                             | N/A         |              |                 |            |
| Aldicarb                             | N/A         |              |                 |            |
| Aldrin + Dieldrin                    | N/A         |              |                 |            |
| Atrazine + N-dealkylated metabolites | N/A         |              |                 |            |
| Azinphos-methyl                      | N/A         |              |                 |            |
| Bendiocarb                           | N/A         |              |                 |            |
| Benzene                              | N/A         |              |                 |            |
| Benzo(a)pyrene                       | N/A         |              |                 |            |
| Bromoxynil                           | N/A         |              |                 |            |
| Carbaryl                             | N/A         |              |                 |            |
| Carbofuran                           | N/A         |              |                 |            |
| Carbon Tetrachloride                 | N/A         |              |                 |            |
| Chlordane (Total)                    | N/A         |              |                 |            |
| Chlorpyrifos                         | N/A         |              |                 |            |
| Cyanazine                            | N/A         |              |                 |            |
| Diazinon                             | N/A         |              |                 |            |
| Dicamba                              | N/A         |              |                 |            |



|   |  |         |      |    |
|---|--|---------|------|----|
| 1,2-Dichlorobenzene                                 | N/A  |         |      |    |
| 1,4-Dichlorobenzene                                 | N/A  |         |      |    |
| Dichlorodiphenyltrichloroethane (DDT) + metabolites | N/A  |         |      |    |
| 1,2-Dichloroethane                                  | N/A  |         |      |    |
| 1,1-Dichloroethylene (vinylidene chloride)          | N/A  |         |      |    |
| Dichloromethane                                     | N/A  |         |      |    |
| 2-4 Dichlorophenol                                  | N/A  |         |      |    |
| 2,4-Dichlorophenoxy acetic acid (2,4-D)             | N/A  |         |      |    |
| Diclofop-methyl                                     | N/A  |         |      |    |
| Dimethoate  | N/A  |         |      |    |
| Dinoseb   | N/A  |         |      |    |
| Diquat  | N/A  |         |      |    |
| Diuron  | N/A  |         |      |    |
| Glyphosate  | N/A  |         |      |    |
| Heptachlor + Heptachlor Epoxide                     | N/A  |         |      |    |
| Lindane (Total)                                     | N/A  |         |      |    |
| Malathion   | N/A  |         |      |    |
| Methoxychlor  | N/A  |         |      |    |
| Metolachlor   | N/A  |         |      |    |
| Metribuzin  | N/A  |         |      |    |
| Monochlorobenzene                                   | N/A  |         |      |    |
| Nitrosodimethylamine (NDMA)                         | Jan 29, 2024   | <0.0009 | ug/L | No |
| Nitrosodimethylamine (NDMA)                         | Apr 22, 2024   | <0.0009 | ug/L | No |
| Nitrosodimethylamine (NDMA)                         | July 29, 2024  | <0.0009 | ug/L | No |
| Nitrosodimethylamine (NDMA)                         | Oct 28, 2024   | 0.0015  | ug/L | No |
| Paraquat  | N/A  |         |      |    |
| Parathion   | N/A  |         |      |    |
| Pentachlorophenol                                   | N/A  |         |      |    |
| Phorate   | N/A  |         |      |    |
| Picloram  | N/A  |         |      |    |
| Polychlorinated Biphenyls(PCB)                      | N/A  |         |      |    |
| Prometryne  | N/A  |         |      |    |
| Simazine  | N/A  |         |      |    |
| THM (Running Annual Average)                        | *Sampled Quarterly<br>-March<br>-June<br>-September<br>-December | 18.3    | ug/L |    |
| HAA (Running Annual Average)                        | *Sampled Quarterly<br>-February<br>-April<br>-July<br>-October   | 9.5     | ug/L |    |
| Temephos  | N/A  |         |      |    |
| Terbufos  | N/A  |         |      |    |
| Tetrachloroethylene                                 | N/A  |         |      |    |
| 2,3,4,6-Tetrachlorophenol                           | N/A  |         |      |    |
| Triallate   | N/A  |         |      |    |
| Trichloroethylene                                   | N/A  |         |      |    |



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|  |     |  |  |  |
|--|-----|--|--|--|
| 2,4,6-Trichlorophenol                        | N/A |  |  |  |
| 2,4,5-Trichlorophenoxy acetic acid (2,4,5-T) | N/A |  |  |  |
| Trifluralin                                  | N/A |  |  |  |
| Vinyl Chloride                               | N/A |  |  |  |

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 |
|-----------|--------------|-----------------|----------------|
| N/A       |              |                 |                |