



**Ontario** Drinking-Water Systems Regulation O. Reg. 170/03  
 Bluewater Golf Course Drinking Water System Annual Report 2018

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Drinking-Water System Number:   | 260021775                            |
| Drinking-Water System Name:     | Bluewater Golf Course Well Supply    |
| Drinking-Water System Owner:    | RCL Holdings                         |
| Drinking-Water System Category: | Non-Municipal Year Round Residential |
| Period being reported:          | January 1 to December 31, 2022       |

|   |   |
|---|---|
| <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 [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ ] 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; height: 80px; width: 100%;"></div> | <p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:<br/> <input style="width: 50px; text-align: center;" type="text" value="1"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve?<br/>       Yes [X] No [ ]</p> <p>Number of Interested Authorities you report to: <input style="width: 50px; text-align: center;" type="text" value="1"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?<br/>       Yes [ ] No [X]</p> |
|---|---|

**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 |
|----------------------------|------------------------------|
|                            |                              |

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 [ ]



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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: *posted @ the golf course clubhouse*

**Describe your Drinking-Water System**

Seasonal campground / year round users / non-municipal.  
 116 seasonal sites / 28 year round access.

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

Sodium hypochlorite

**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**

Installed a SWAN chlorine analyzer, UV maintenance

**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 |
|-----------------------|-----------|--------|-----------------|-------------------|------------------------|
| <b>None to report</b> |           |        |                 |                   |                        |

**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          | 11                | 0 - 0  | 0 - 0   | 0                     |                                      |
| Treated      | 0                 | 0 - 0  | 0 - 0   |                       |                                      |
| Distribution | 26                | 0 - 0  | 0 - 0   | 26                    | 0-20                                 |





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**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 #)     |
|--|------------------------|--------------------------------------|
| <b>Turbidity Wellhouse: Raw</b>                    | 11                     | 0.18 - 0.52 NTU                      |
| <b>Chlorine Treated Distribution</b>               | 12 & 6570*<br>122      | 0.37 - 1.72 mg/L<br>0.10 - 1.12 mg/L |
| <b>Fluoride (If the DWS provides fluoridation)</b> | N/A                    |                                      |

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

\*Chlorine Analyzer was online Apr 1-2022

*NOTE: Record the unit of measure if it is not milligrams per litre.*

**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 |
|---------------------------------|-----------|--------------|--------|-----------------|
| None to Report                  |           |              |        |                 |

**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  | Sep 18, 2018 | 0.03         | µg/L            | no         |
| Arsenic   | Sep 18, 2018 | 1.5          | µg/L            | no         |
| Barium    | Sep 18, 2018 | 292          | µg/L            | no         |
| Boron     | Sep 18, 2018 | 29           | µg/L            | no         |
| Cadmium   | Sep 18, 2018 | ND           | µg/L            | no         |
| Chromium  | Sep 18, 2018 | 0.10         | µg/L            | no         |
| *Lead     | Exempt       |              |                 | no         |
| Mercury   | Sep 18, 2018 | ND           | µg/L            | no         |
| Selenium  | Sep 18, 2018 | ND           | µg/L            | no         |
| Sodium    | Sep 18, 2018 | 17.2         | mg/L            | no         |
| Uranium   | Sep 18, 2018 | 0.619        | µg/L            | no         |
| Fluoride  | Sep 18, 2018 | 1.17         | mg/L            | no         |
| Nitrite   | Dec 15, 2022 | < 0.003      | mg/L            | no         |
| Nitrate   | Dec 15, 2022 | 0.006        | mg/L            | no         |

\*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



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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  | Range of Lead Results<br>(min#) – (max #) | Number of Exceedances |
|---------------|--------------------|---|-----------------------|
| Plumbing      | 0 – lead exemption |   |                       |
| Distribution  | 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   | Sep 18, 2018 | ND           | µg/L            | no         |
| Aldicarb   | Sep 18, 2018 | ND           | µg/L            | no         |
| Aldrin +Dieldrin                                   | Sep 18, 2018 | ND           | µg/L            | no         |
| Atrazine + N-dealkylated metabolites               | Sep 18, 2018 | ND           | µg/L            | no         |
| Azinphos-methyl                                    | Sep 18, 2018 | ND           | µg/L            | no         |
| Bendiocarb   | Sep 18, 2018 | ND           | µg/L            | no         |
| Benzene  | Sep 18, 2018 | ND           | µg/L            | no         |
| Benzo(a)pyrene                                     | Sep 18, 2018 | ND           | µg/L            | no         |
| Bromoxynil   | Sep 18, 2018 | ND           | µg/L            | no         |
| Carbaryl   | Sep 18, 2018 | ND           | µg/L            | no         |
| Carbofuran   | Sep 18, 2018 | ND           | µg/L            | no         |
| Carbon Tetrachloride                               | Sep 18, 2018 | ND           | µg/L            | no         |
| Chlordane(Total)                                   | Sep 18, 2018 | ND           | µg/L            | no         |
| Chlorpyrifos                                       | Sep 18, 2018 | ND           | µg/L            | no         |
| Cyanazine  | Sep 18, 2018 | ND           | µg/L            | no         |
| Diazinon   | Sep 18, 2018 | ND           | µg/L            | no         |
| Dicamba  | Sep 18, 2018 | ND           | µg/L            | no         |
| 1,2-Dichlorobenzene                                | Sep 18, 2018 | ND           | µg/L            | no         |
| 1,4-Dichlorobenzene                                | Sep 18, 2018 | ND           | µg/L            | no         |
| Dichlorodiphenyltrichloroethane (DDT) + metabolics | Sep 18, 2018 | ND           | µg/L            | no         |
| 1,2-Dichloroethane                                 | Sep 18, 2018 | ND           | µg/L            | no         |
| 1,1-Dichloroethalyne (vinylidene chloride)         | Sep 18, 2018 | ND           | µg/L            | no         |
| Dichloromethane                                    | Sep 18, 2018 | ND           | µg/L            | no         |
| 2,4 Dichlorophenol                                 | Sep 18, 2018 | ND           | µg/L            | no         |
| 2,4-Dichlorophenoxy acetic acid (2,4-D)            | Sep 18, 2018 | ND           | µg/L            | no         |
| Diclofop-methyl                                    | Sep 18, 2018 | ND           | µg/L            | no         |





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|   |              |     |      |    |
|---|--------------|-----|------|----|
| Dimethoate                                  | Sep 18, 2018 | ND  | µg/L | no |
| Dinoseb                                     | Sep 18, 2018 | ND  | µg/L | no |
| Diquat                                      | Sep 18, 2018 | ND  | µg/L | no |
| Diuron                                      | Sep 18, 2018 | ND  | µg/L | no |
| Glyphosate                                  | Sep 18, 2018 | ND  | µg/L | no |
| Heptachlor + Heptachlor Epoxide             | Sep 18, 2018 | ND  | µg/L | no |
| HAA'a (annual average)                      | 2022         | ND  | ug/L | no |
| Lindane(Total)                              | Sep 18, 2018 | ND  | µg/L | no |
| Malathion                                   | Sep 18, 2018 | ND  | µg/L | no |
| Methoxychlor                                | Sep 18, 2018 | ND  | mg/L | no |
| Metolachlor                                 | Sep 18, 2018 | ND  | µg/L | no |
| Metribuzin                                  | Sep 18, 2018 | ND  | µg/L | no |
| Monochlorobenzene                           | Sep 18, 2018 | ND  | µg/L | no |
| Paraquat                                    | Sep 18, 2018 | ND  | µg/L | no |
| Parathion                                   | Sep 18, 2018 | ND  | ug/L | no |
| Pentachlorophenol                           | Sep 18, 2018 | ND  | µg/L | no |
| Phorate                                     | Sep 18, 2018 | ND  | µg/L | no |
| Picloram                                    | Sep 18, 2018 | ND  | µg/L | no |
| Polychlorinated Biphenyls(PCB)              | Sep 18, 2018 | ND  | µg/L | no |
| Prometryne                                  | Sep 18, 2018 | ND  | µg/L | no |
| Simazine                                    | Sep 18, 2018 | ND  | µg/L | no |
| THM<br>(annual average)                     | 2022         | 1.9 | µg/L | no |
| Temophos                                    | Sep 18, 2018 | ND  | µg/L | no |
| Terbufos                                    | Sep 18, 2018 | ND  | µg/L | no |
| Tetrachloroethylene                         | Sep 18, 2018 | ND  | µg/L | no |
| 2,3,4,6-Tetrachlorophenol                   | Sep 18, 2018 | ND  | µg/L | no |
| Triallate                                   | Sep 18, 2018 | ND  | µg/L | no |
| Trichloroethylene                           | Sep 18, 2018 | ND  | µg/L | no |
| 2,4,6-Trichlorophenol                       | Sep 18, 2018 | ND  | µg/L | no |
| 2,4,5-Trichlorophenoxy acetic acid(2,4,5-T) | Sep 18, 2018 | ND  | µg/L | no |
| Trifluralin                                 | Sep 18, 2018 | ND  | µg/L | no |
| Vinyl Chloride                              | Sep 18, 2018 | ND  | µg/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 |
|-----------|--------------|-----------------|----------------|
| Flouride  | 1.17         | mg/L            | Sep 18, 2018   |
| Sodium    | 17.2         | mg/L            | Sep 18, 2018   |