

# CITY OF ORILLIA

## Cross-Connection Inspection Report

Email completed forms to: [backflow@orillia.ca](mailto:backflow@orillia.ca)

Or mail to: City of Orillia ♦ 50 Andrew St. S., Suite 300 ♦ Orillia, ON L3V 7T5  
Attention: Jason Micallef, Superintendent of Metering and Backflow Prevention  
General Inquiries: 705-326-7249 ♦ Technical Inquiries: 705-325-2326

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### Customer Information

Company Name: \_\_\_\_\_ Account #: \_\_\_\_\_  
Water Service Address: \_\_\_\_\_ Water Meter ID: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email Address: \_\_\_\_\_  
Property Owner and Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ Prov.: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
Business Type: (Please be specific, i.e. dry cleaner, shoe store etc.) \_\_\_\_\_  
Principle use of water? \_\_\_\_\_

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### Water Use Information

Does the premises use water in any manufacturing/industrial or commercial process?  Yes  No  
If yes, please specify: \_\_\_\_\_

Does the premises use any hazardous or toxic material or chemical in any kind of process?  Yes  No  
If yes, please specify? \_\_\_\_\_

Do any hot water boilers, steam boilers, instantaneous heat exchange water heaters or steam generating facilities exist on the premises? If yes, does the system use chemical additives?  Yes  No  Yes  No  N/A

Does the premises have any chemical mixing devices or industrial fluid systems attached to the plumbing system (i.e. cleaning agents, degreasers, hydraulic fluids, coolants etc.)  Yes  No

Does the premises have a fire protection system?  Yes  No  
If yes, is the fire protection system supplied by a dedicated water line?  Yes  No  N/A

What type of backflow device is being used on the fire protection system?  
 Single swing check valve (SSCV)  Reduce Pressure Backflow Preventer (RPBP)  
 Double Check Valve Assembly (DCVA)  Other

Is the fire service(s) equipped with water meter(s)?  Yes  No  N/A  
If yes, does fire sprinkler system have outside fire hose connections?  Yes  No  N/A  
If yes, does fire sprinkler system use chemical additives?  Yes  No  N/A

### Water Use Information (Continued)

- Is there a fixed lawn sprinkler system on the premises?  Yes  No
- Are there any auxiliary water supplies on the premises?  Yes  No
- Is there a booster pump attached to any portion of the plumbing system?  Yes  No
- Are there any buildings taller than 2 stories on the premises with water service?  Yes  No
- Is there any water softening equipment connected to the water service?  Yes  No
- Are there any solar heating systems on the premises?  Yes  No
- Are there any cooling towers connected to the system?  Yes  No
- Does firm have any potentially contaminated or sewer connected equipment on the premises such as aspirators, cuspidors, autoclaves, specimen tanks, sterilizers, laboratory, or mortuary/autopsy equipment?  Yes  No
- Is there more than one service line providing water to the premises?  Yes  No
- Are the service(s) equipped with water meter(s)?  Yes  No
- If more than one service, how many? \_\_\_\_\_  N/A
- Service Type (i.e. galvanized, lead, copper, plastic) \_\_\_\_\_
- Plumbing Type (i.e. galvanized, lead, copper, plastic) \_\_\_\_\_
- Are there as-built drawings providing detailed piping?  Yes  No
- If yes, are they correct? If no, complete page 4 with a sketch of service and potential cross-connections.  Yes  No  N/A

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### Backflow Prevention & Cross-Connections

- Is there a backflow prevention device installed on the service line/lines providing water to the premises (premises isolation)?  Yes  No
- If YES, please complete the following device information:
- Device Type: \_\_\_\_\_ Size: \_\_\_\_\_ Manufacturer: \_\_\_\_\_
- Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Orientation: H VU VD
- Install location of backflow device: \_\_\_\_\_ Install Date: \_\_\_\_\_
- Is there an expansion tank installed?  Yes  No
- Is there a bypass on the premises isolation?  Yes  No  N/A
- Are there any potential cross-connections at these premises as defined in 1020.1.4?  Yes  No

**If YES to any of the above, please complete the chart on the following page.**



## **Detailed Drawing – Piping System**

Note: Required only if plumbing as-built drawing not available for review by qualified person.  
Provide incoming service details and all potential cross-connection location details.