

Disinfection Work Requirements

Contractor Checklist



Check ✓ to verify whether you meet the minimum requirements to perform disinfection of potable water facilities and watermains in the Region of Peel

<input type="checkbox"/>	OIC – min. Class I MOECC Certified Operator
<input type="checkbox"/>	OIT - MOECC Certified Operator must work under direct supervision of OIC
<input type="checkbox"/>	Working knowledge of applicable MOECC and AWWA Standards
<input type="checkbox"/>	Working knowledge of Ontario Legislation (SDWA) and Standards
<input type="checkbox"/>	Awareness of Peel’s Drinking Water Works Permit and Municipal Drinking Water Licence Conditions (http://www.peelregion.ca/pw/construction/)
<input type="checkbox"/>	Disinfection Plan/Procedure that meets AWWA/MOECC/Peel Standards
<input type="checkbox"/>	¹ Record keeping –maintenance of accurate field entries during work
<input type="checkbox"/>	Use of backflow prevention equipment
<input type="checkbox"/>	Use of flow measuring equipment
<input type="checkbox"/>	Use of digitized chlorine testing equipment
<input type="checkbox"/>	Chlorine testing equipment calibrated as required, records available
<input type="checkbox"/>	Best Management Practices in place to ensure work integrity and workers health and safety
<input type="checkbox"/>	References for past disinfection work available for submission

² Disinfection Plan/Procedure to contain:

<input type="checkbox"/>	Site location / Project # (if available)
<input type="checkbox"/>	Date of planned work
<input type="checkbox"/>	Watermain/Facility information (size, volume, diameter, material type etc.)
<input type="checkbox"/>	Practices to prevent contamination and ensure efficacy of disinfection
<input type="checkbox"/>	Expected water flow rate / volume
<input type="checkbox"/>	Location of feed (source) water
<input type="checkbox"/>	Disinfection method / Disinfectant type
<input type="checkbox"/>	Backflow preventor / flowmeter use
<input type="checkbox"/>	Location(s) of potable and non-potable water discharge points
<input type="checkbox"/>	De-chlorinating agent
<input type="checkbox"/>	Disinfection site map / drawing
<input type="checkbox"/>	<u>Disinfection process</u> : cleaning, disinfectant application, filling, flushing
<input type="checkbox"/>	Locations of sampling points
<input type="checkbox"/>	Monitoring and maintenance of residual chlorine
<input type="checkbox"/>	Record keeping: record of chlorination and de-chlorination

¹ Use of the Region of Peel’s Watermain Disinfection Forms required

² Disinfection Plan/Procedure specific requirements will be defined in the bid documents