



Watermain Disinfection Checklist for Contractors & Subcontractors

Check & Verify whether you meet the minimum requirements to proceed with the project

General Requirements

Contractor: _____

Contact Name: _____

Phone: _____

Email Address: _____

Projected Start Date: _____

- MECP Certified Operators with minimum Class 1
Drinking Water Operator Certificate

Working knowledge on

- Safe Drinking Water Act
- Ontario Watermain Disinfection Procedure
- AWWA C651-14 or most current version
- AWWA C655-18 or most current version
- City of Vaughan's Appendix Q
(New Watermain Commissioning Requirements)
- City of Vaughan's Water By-Law (177-2016)
- City of Vaughan's BFP By-Law (177-2020)
(Backflow Prevention)

Disinfection Plan / Sketch

Site Information

- Project Name & Number, Phase #
- Engineering Drawings

Equipment & Documentations

- Record Keeping (Accurate & legible)
- Calibrated testing kits/equipment

(Calibration records must be available upon request)

Site Information / Commissioning

- Watermain information
(Pipe material, size, type, length)
- Appurtenances information
- Identify Feed (Source Water)
- Proper size of By-Pass &
Discharge installation
- Anticipated Flushing rate
- Scouring Velocity will be achieved
for flushing watermain
- Required Volume
- Discharge locations
(Identify any nearby watercourse,
pond, river, creek, etc.)
- Details on Disinfection products
- Details on De-Chlorination agents
- Sample Locations (City Standards)
- Procedure to prevent
contamination & ensure efficacy
of disinfection
- Procedure to protect environment

Pre-Disinfection/Disinfection Process

- (BFP Certification, Flushing,
swabbing, cleaning, hydrostatic
pressure test, chlorination,
dechlorination, sampling)
- Documentation / Record Keeping
(All Stages)

Revision (2.0): February 2022

Date: _____

Representative Name: _____ Signature: _____