WATERMAIN CAPACITY SCREENING FORM 1

Note: This form must be filled out by a Licensed Professional Engineer and will be reviewed by Toronto Water.

As stated in the Municipal Freedom of Information and Protection of Privacy Act, section 2(2.1) and 2(2.2), information collected on this form is considered business identity information. Business identity information could be publicly available and/or disclosed upon request, unless an exception applies.

Details of Zoning Requirement to be Satisfied:

Where a zoning requirement requires adequate servicing capacity, and the Watermain Capacity Screening process is applicable this screening form must be completed.

Please identify which zoning requirement applies to the site: By-law 63-2024 for the Midtown By-law 608-2024 for Townhouses and Other by-law **Apartment Neighbourhoods Apartment Buildings on Major Streets** Applicable by-law reference number: Yes Is the site associated with a Planning Act application? If YES, indicate which type of Planning Act application?

Committee of Adjustment (include City	Site Plan (include City of Toronto file	Other (explain and include City of
of Toronto file reference number):	reference number):	Toronto file reference number):

Please note, this screening form must be completed in accordance with the City's 'Design Criteria for Sewers and Watermains' (January 2021 or current version found on City's website), 'Water Supply for Public Fire Protection' from the Fire Underwriter's Survey (2020 or current version found on City's website) and any other applicable municipal or provincial regulations.

Please do not provide any personal information about yourself or other individuals (such as: personal address, personal telephone number, personal email, etc.) in any of your responses below.

Section 1 – General Business Information 1.1. Date (yyyy-mm-dd): 1.2. Development Address(es): 1.3. Applicant / Owner Name (First, Last or Single): 1.4. Site Area (hectares):

Section 2 – Existing Site Servicing Information

2.1. Street name, size, and material of all available watermain(s):

e.g., existing 300 millimetre (mm) polyvinyl chloride (PVC) watermain on Danforth Avenue.

No

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2.2. Size and material type of all existing water service connection(s):

e.g., existing 100 mm PVC water service connection.

2.3. To which existing City watermain(s) is/are existing water services connected? Complete on-site investigation as necessary if site has frontage to multiple streets/watermains and attach any associated documentation (reports or drawings) to Screening Form showing existing service connection(s).

e.g., existing 100 mm PVC water service connection to existing 300 mm PVC watermain on Danforth Avenue.

2.4. Per Capita Demand(s) used (Litres/capita/day): e.g., 310 Litres/capita/day.

2.5. Other Commercial and Institutional use classification, if applicable: e.g., shopping center, hospital, motel, etc.

2.6. Other Commercial/Institutional Average Day water use, if applicable: e.g., 225 Litres/bed-space/day for hotels.

2.7. Peaking Factors used for daily water demands:

Land Use(s)	Average Day	Minimum Hour	Maximum Day	Peak Hour

2.8. Existing Residential Population (number of people):

2.9. Existing Commercial/Institutional population, if applicable (number of people):

2.10. Total Existing Site Water demands (Litres/second):

Average Day	Minimum Hour	Maximum Day	Peak Hour

Section 3 – Proposed Site Servicing Information

3.1. Size and material type of all proposed water service connection(s): e.g., proposed 150 mm PVC water service connection.

3.2. To which existing City watermain(s) will the proposed water services be connected?

e.g., proposed 150 mm PVC water service connection to existing 300 mm PVC watermain on Danforth Avenue.



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3.3. Per Capita Demand(s) used (L/capita/day): e.g., 310 Litres/capita/day.

3.4. Other Commercial/Institutional use classification, if applicable: e.g., shopping center, hospital, motel, etc.

3.5. Other Commercial/Institutional Average Day water uses, if applicable: e.g., 225 Litres/bed-space/day for hotels.

3.6. Peaking Factors used for daily water demands:

Land Use(s)	Average Day	Minimum Hour	Maximum Day	Peak Hour

3.7. Proposed Residential Population (number of people):

3.8. Proposed Commercial and Institutional population, if applicable (number of people):

3.9. Total Proposed Site Water demands (Litres/second):

Average Day	Minimum Hour	Maximum Day	Peak Hour

3.10. Required Fire Flow as per Fire Underwriters Survey (FUS) Guidelines (Litres/second):

3.11. Maximum Day plus Fire Flow (Litres/second)?

Note: FUS fire flow calculation sheet must be attached to Screening Form, for review by Toronto Water staff.

3.12. Hydrant Flow test date and results, which is the Fire Flow Available projected to 20 pounds

per square inch (psi) or 140 kilopascals (kPa)? Note: Hydrant Flow Test Results must be less than two (2) years old and must be attached to Screening Form, for review by Toronto Water staff.

3.13. Available Fire Hydrant Flow projected to 20 psi (140 kPa) > Proposed

Maximum Day plus Fire Flow? Select one:

No

Yes

If NO, indicate proposed measures to ensure City's watermain system can support the proposed development and not adversely affect the system in terms of pressure and flow.

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Section 4 – Qualified Licensed Ontario Professional Engineer Sign-Off

4.1. Name (First, Last or Single):	4.2. Designation/Position Title:
4.3. Professional/Business Email:	4.4. Company Name:
4.5. Signature:	4.6. Date (yyyy-mm-dd):

Section 5 – Toronto Water Staff Sign-Off (to be completed by Toronto Water staff only)

Water Infrastructure Management (WIM) – Development & Growth Transformation Project Office (DGTPO) Staff5.1. Name (First, Last or Single):5.2. Signature:5.3. Date (yyyy-mm-dd):

To submit a complete Watermain Capacity Screening Application, email the submission documents, including this form, to <u>TWCapacity@toronto.ca</u>.

If you have questions about this form, require any clarification on the submission requirements or would like accessibility supports, accommodation and/or a different format, please email <u>TWCapacity@toronto.ca</u> using your professional/business email account.

Note: Sign-off indicates staff have completed a watermain capacity screening and completed this form per standard operating procedure. Sign-off does not constitute Toronto Water acceptance of the proposed development. Once Toronto Water is satisfied with the contents of this form, a "No Objection" letter related to the site-specific provisions of the applicable zoning requirement will be provided to Toronto Building.

Professional Engineer Seal - Signed & Dated (yyyy-mm-dd)

Copy: Applicant/Owner Name (First, Last or Single)