

Main Connection Application



AUTHORIZATION # _____ *(for office use only)*

Complete the following application to request a main connection to existing Middlesex Centre infrastructure:

Watermain

Wastewater

Stormwater

Applicant Information:

Applicant Name: _____

Mailing Address: _____

Postal Code: _____ Tel: _____

Email: _____

Development Information:

Subdivision/Development Name: _____

Developer/Owner: _____

Engineering Consultant: _____

Description of Work: _____

Estimated Start Date: _____ Estimated End Date: _____

The following must be included with this application form to review and acceptance:

1. **Engineering Drawing** indicating main connection details and location
2. **Watermain Commissioning Plan** outlining the details of commissioning and connection to the existing watermain following AWWA standards including water source, sampling points, swabbing, pressure testing and disinfection procedures.
3. **Form 1 and Application Approval Related to Municipal Drinking-Water Systems**, completed with associated documentation.

By signing below, the Applicant agrees to complete the main connection(s) as described in the accepted engineered drawing and work plan and follow all AWWA and Middlesex Centre Infrastructure Design Standards.

Signature of Applicant

Date of Application

Office:

Approval Signature: _____ Date: _____

Distribution: Applicant _____ File _____ Operating Authority _____

Operating Authority Section:

Watermain Connection (if applicable)

Water Usage through backflow preventer:

Initial Reading & Date: _____

Final Reading & Date: _____

Total Volume Used (m³): _____

Connection Witnessed by: Name: _____ Date: _____

Acceptable sample results confirmed and attached.

Comments: _____

Wastewater Main Connection (If applicable)

Connection Witnessed by: Name: _____ Date: _____

Comments: _____

Stormwater Main Connection (If applicable)

Connection Witnessed by: Name: _____ Date: _____

Comments: _____

Completed copy sent to:
Middlesex Centre Public Works and Engineering
publicworks@middlesexcentre.ca

Main Connections: General Information

Municipality of Middlesex Centre Public Works & Engineering Department

The below information is intended to assist developers, their contractors and engineering consultants by outlining the responsibilities for watermain connections in Middlesex Centre.

- A **Main Connection Application** must be submitted to Middlesex Centre Public Works and Engineering (publicworks@middlesexcentre.ca) a minimum of 2 weeks in advance for a request to connect to an existing watermain. This application must include an engineered drawing and a watermain commissioning plan that follows current AWWA Standards and Ontario Watermain Disinfection Procedure that will be reviewed and accepted by Middlesex Centre.
- The developer/contractor is responsible for all costs related to the commissioning and watermain connection. Labour by Middlesex Centre staff along with all related costs (samples, supplies, etc.) will be invoiced including a 15% administration fee.
- The developer's contractor and engineering consultant must follow current AWWA Standards and Ontario Watermain Disinfection Procedure for all commissioning activities and connections to watermains. The developer is responsible for ensuring that these procedures are followed and the engineering consultant must provide written certification to Middlesex Centre upon completion of the watermain connection.
- If applicable, the developer is responsible to provide 48 hrs written notice to any residents affected by a possible shut down of the water system. A copy of this written notice must be provided to Middlesex Centre before delivery.
- The developer's contractor and engineering consultant are responsible for all details associated with the connection to the water system including swabbing, pressure testing, disinfection and connection. The Contractor must provide a complete, signed **Equipment Disinfection Record** once the watermain connection is completed.
- Between the hours of 8:00 - 15:30, Middlesex Centre's staff will be on-site during watermain commissioning and connection to ensure that AWWA Standards and Ontario Watermain Disinfection Procedure are being met on behalf of Middlesex Centre. Their responsibilities include:
 - Provide a backflow preventer and coordinate the testing and certification prior to use
 - Operate existing valves and hydrants as necessary
 - Monitor and test for turbidity during swabbing procedure
 - Monitor and test for chlorine residuals during disinfection procedure
 - Monitor pressures during pressure testing procedure
 - Witness the final connection to be completed by the developers contractor
 - Sample for bacteriological parameters and deliver samples to lab as necessary
- Any connection to the existing distribution system for flushing purposes must be through a tested and certified backflow prevention device. The water used during commissioning will be metered and charged back to the developer/contractor at current water rates.
- For questions, contact Middlesex Centre Public Works and Engineering at 519-666-0190.