



Meeting Date: November 1, 2023

Submitted by: Rob Cascaden, P.Eng – Director – Public Works and Engineering

Report No: PWE 42-2023

Subject: Arva Wastewater Amending Agreement

Recommendation:

THAT Report PWE 42-2023, re: Arva Wastewater Amending Agreement be received;

AND THAT the Mayor and Clerk be authorized to execute the necessary document to enter into the amended Arva wastewater agreement with the City of London as identified in Appendix A to Report PWE 42-2023.

Purpose:

To execute a legal agreement which will amend a portion of the existing wastewater agreement with the City of London.

Background:

The City of London and the Corporation of the Township of Middlesex Centre entered into a Sewage Treatment Agreement on April 3, 2000 with subsequent amending agreements on June 21, 2000 and August 15, 2001. These agreements established the terms by which the sewage treatment services would be provided to the “Arva Sewage Service Area”.

Middlesex Centre owns and operates a sewage pump station near the south end of Arva (north side of Weldon Park). Flows from all sanitary sewers within Arva are collected and discharge to this pump station. The outflow from the pump station is via an approximately 1,700m long - 150mm diameter forcemain within the Richmond Street right of way which discharges into the City of London’s gravity sanitary sewer system the intersection of Plane Tree Drive and Richmond Street.

Analysis:

The terms of the existing wastewater agreement limit residential growth within Arva to an average of 10 residential units per year with the total not to exceed 50 units within any 5-year period. Commercial growth is limited to 1,000 square metres (10,764 sq. ft.) of new commercial floor space in any given year, with the total amount of new floor space not to exceed 4,500 square metres (48,439 sq. ft.) over a 10-year period. The total wastewater discharge (residential and commercial) from Arva is limited to a maximum 175 cubic metres of sewage per day, based on a two-month rolling average.

The proposed amendment will lift the restriction on the number of residential units which can be serviced per year or in any given 5-year period however the restrictions on commercial growth and total daily sewage rate discharged to London based on a two-month rolling average will remain in place.

Wastewater discharge to the City of London varies seasonally (and yearly) and is impacted to some degree by environmental conditions such as spring snow thaws and rain events than can lead to increased inflow and infiltration within the system. Staff have completed preliminary reviews of available flow data and will review further to confirm the anticipated number of additional residential units that can be constructed within Arva while remaining under the maximum 175 cubic metres of sewage per day, based on a two-month rolling average.

Financial Implications:

There are no direct financial implications related to the amending agreement.

Strategic Plan:

This matter aligns with following strategic priorities:

- Balanced Growth
- Sustainable Infrastructure and Services

The amendment to the servicing agreement will allow for quicker utilization of the allocated wastewater capacity based on the 2-month rolling average daily flows. The removal of the yearly cap will assist in meeting the provincial goal of increased housing availability.

Attachments:

Appendix A – Arva Wastewater Amending Agreement

Appendix B – Arva Wastewater – Existing Agreements