

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON SEPTEMBER 24, 2019
FROM:	KELLY SCHERR, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	AGREEMENT EXTENSION WITH TROJAN TECHNOLOGIES FOR THE USE OF THE DECOMMISSIONED WESTMINSTER WASTEWATER PLANT

RECOMMENDATION

That, on the recommendation of the Managing Director Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to extending the agreement with Trojan Technologies to use the Westminster Treatment plant,

- (a) The Amending Agreement (attached hereto as Appendix 'B') between the City of London and Trojan Technologies of London **BE APPROVED**; and,
- (b) The proposed By-law (attached hereto as Appendix 'A') **BE INTRODUCED** at the Municipal Council Meeting of March 5, 2019 to approve the Amending Agreement with Trojan Technologies, and to authorize the Mayor and Clerk to execute the Agreement extension.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

Civic Works Committee, February 20, 2019, - Agreement Extension with Trojan Technologies for the Use of the Decommissioned Westminster Wastewater Plant

Civic Works Committee, April 17, 2018, - Southern Ontario Water Consortium London Wastewater Facility: Support for Local Water Research and Development

Civic Works Committee, September 22, 2014 - UV Disinfection Equipment Parts & Service-Single Source

Built and Natural Environment Committee, July 18, 2011 – An Agreement to Use the Decommissioned Westminster Wastewater Treatment Plant for Research and Development and Testing

BACKGROUND

Purpose

The purpose of this report is to amend an agreement with Trojan Technologies (Trojan) of London to use the City's Westminster Wastewater Treatment Plant (WWTP) for testing until 2038. This will allow Trojan to make investments in the facility to support testing beyond the original 2021 timeframe.

At the March 5, 2019 meeting of Council it was resolved:

That the Agreement Extension with Trojan Technologies for the use of the decommissioned Westminster Wastewater Plant BE REFERRED back to the Civic Administration, in order to provide for additional discussion with respect to this matter. (2019-E03) (AS AMENDED) (2.5/4/CWC)

The February 20th, 2019 report to Civic Works Committee was referred back to provide an opportunity to further communicate with Purifics regarding their interest in using City of London facilities for research purposes. This report provides further details regarding these communications.

Context

The Environmental and Engineering Services Department has long been a supporter of water and wastewater industry research. This support includes facilitating technology demonstration projects at various City owned facilities. Since April 2018, a new model has been in place to facilitate water related research that meets the intent of the 2015 – 2019 Strategic Plan. The current strategic plan includes a strategy to assist businesses with commercialization to help grow London's economy. The City has partnered with London Economic Development Corporation, Southern Ontario Water Consortium, Western University and major industries to achieve this objective.

Trojan is a London based world leader in ultraviolet (UV) disinfection technology for the water and wastewater industries. Trojan has used the City's decommissioned Westminster WWTP for testing since 2011 and would like access to the facility beyond the initial 10 year period in its current agreement. In return for use of the facility, Trojan provides \$30,000 in free service on the City's UV disinfection systems and supplies parts at a 30% discount, resulting in a combined annual value to the City of approximately \$75,000.

DISCUSSION

The City's Westminster WWTP was acquired as part of the 1993 annexation and has since been decommissioned. The Westminster WWTP has been used by Trojan through an agreement with the City since 2011. The site provides them with a local facility they can modify as needed to test prototype equipment. Trojan has requested that the current agreement be extended to 2038. Extending the agreement will allow them to make a larger investment in the site. Through the extension of this agreement the City retains ownership of the facility and will continue to receive \$30,000 in annual UV system maintenance and a 30% discount on parts. Trojan is responsible for maintaining the site and buildings, with the City retaining the option to terminate the agreement with one year's notice.

The City's partnership with Trojan Technologies creates a positive reuse for an unutilized corporate asset and supports research and development at a major local employer. Use of this facility is part of the City's ongoing relationship with Trojan Technologies that also includes use of the Southern Ontario Water Consortium London Wastewater Facility, which is housed at the Greenway Wastewater Treatment Plant.

Actions Following March 5th, 2019 Council Resolution

City staff have also reviewed access to wastewater facilities with Purifics, another London based water treatment company, after they expressed interest in the Westminster site. The financial value to the City of the current Trojan agreement and the availability of other City facilities for testing with shorter time commitments and lower occupancy costs were identified to Purifics; to date, no further interest in testing at City of London sites has been received from Purifics.

A letter outlining the opportunities for Purifics to use City of London facilities has been attached as Appendix 'D'. City Staff would welcome any future opportunities to support

Purifics' research at other City facilities and will encourage exploring the use of technologies when communicating to the Ministry of Environment, Conservation and Parks or where appropriate when the provincial/federal governments offers future pilot project funding programs.

CONCLUSIONS

It is recommended that Council approve the extension of this agreement to 2038 with Trojan Technologies as the City has no long term plans for this site and it has proven valuable to Trojan as a testing facility.

SUBMITTED BY:	REVIEWED AND CONCURRED BY:
GEORDIE GAULD DIVISION MANAGER, WASTEWATER TREATMENT OPERATIONS	SCOTT MATHERS, MPA, P. ENG. DIRECTOR, WATER AND WASTEWATER
RECOMMENDED BY:	
KELLY SCHERR, P. ENG., FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER	

September 16, 2019

Attach: Appendix "A" - Amending Agreement By-law
 Appendix "B"- Amending Agreement
 Appendix "C"-Original Agreement
 Appendix "D"-Letter to Brian Butters-Purifics

cc. Allan Archer-Trojan Technologies
 Michele Butlin-Legal and Corporate Services
 John Freeman
 Gary McDonald
 Alan Dunbar
 Jason Davies