

Appendix "D": Letter to Brian Butters-Purifics



London
CANADA

300 Dufferin Avenue
P.O. Box 5035
London, ON
N6A 4L9

June 16, 2019

Mr. Brian Butters, P.Eng., MBA
President, Purifics Water Inc.
340 Sovereign Road
London, Ontario
N6M 1A8

Dear Mr. Butters:

Thank you for your interest in undertaking research and development of your technology in City of London facilities. We like to take this opportunity to provide you with details related to ongoing research in City of London Facilities, details regarding our London Wastewater Facility at Greenway, and information on London's model for facilitating research and development.

Decommissioned Westminster Wastewater Plant

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 Technologies through an agreement with the City since 2011. The current agreement ends in 2021. All capital, operational, utility, and maintenance costs for the facility are borne by Trojan Technologies. Through the agreement, Trojan also provides the City with \$30,000 in annual UV system maintenance and a 30% discount on parts, resulting in a combined average annual value to the City of roughly \$75,000.

Southern Ontario Water Consortium-London Wastewater Facility

The Southern Ontario Water Consortium-London Wastewater Facility is a research and development facility located at the Greenway Pollution Control Plant that consists of four indoor private testing bays. This facility was constructed at a cost of \$7,400,000, with approximately equal sharing of costs between the City and SOWC (FedDev), and an agreement with Western University to access the funding. Western University currently administers the

The Corporation of the City of London
Office 519-661-CITY (2489) x 2391
Fax 519-661-5931
kscherr@london.ca
www.london.ca

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London Wastewater Facility through an agreement with the City of London. All operational costs related to this facility are passed on to Western University. If your company is interested in using this facility you can contact:

Caroline Calmettes
Director (Contracts & Agreements)
Western University
Research Development & Services
SSB 5150, 1393 Western Road
London, Ontario Canada N6G 1G9
Tel: 519-661-2111 ext. 80120
ccalmett@uwo.ca

The London Wastewater Facility at Greenway exists to retain and attract water industry businesses in London, serve as a centre of excellence for research, stimulate the development of wastewater technology by facilitating advancement from product testing to market, and act as an economic generator for southwestern Ontario.

London’s Model for Facilitating Water, Stormwater, and Wastewater Research and Development

On April 17th 2018, Council endorsed an expansion to the number of available municipal infrastructure sites for technological research and demonstrations. Given the success of the facility London Wastewater Facility, there is interest in expanding the program to provide research and developmental opportunities at other City of London water, wastewater, and stormwater facilities. A set of governing principles to guide the City’s participation in future research and developmental activities has been created in order to ensure any research that proceeds, using City of London infrastructure, respects the interests of the City of London and its residents. The following principles are recommended to guide future partnership negotiations:

1. Ensure the health and safety of our workers, researchers, and the public are maintained at all times.
2. Develop project-specific risk assessments to ensure that proposed research projects do not have an adverse impact on city infrastructure, or place the City at regulatory risk.

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3. Ensure prospective partners have an appropriate amount of insurance coverage for both their researchers and work activities.
4. Ensure that industrial clients are at arm's length from the City and do not conflict with Municipal Act bonusing provisions.
5. Ensure City costs for research and development are low, and/or provided in the form of in-kind amounts, and that there is available staff capacity to facilitate the work. All material utility costs related to the research and development project are to be recovered.
6. Prioritize research opportunities that provide new technologies that aid in the delivery of clean, cost-effective, and sustainable water services.

The intent of these governing principles is to recognize the City's responsibilities under the Municipal Act, manage risk, and set objectives to maximize the benefit to the city and our stakeholders.

We would also like to note that the City currently has an agreement with Purifics to use the access the Vauxhall Wastewater Treatment Plant facility for research purposes. City staff would be happy to meet with you at your convenience to discuss how we can support you in starting your work at the Vauxhall plant or other City of London facilities in accordance with the above principles.

Thanks.

Sincerely,



Kelly Scherr, P.Eng., MBA
Managing Director and City Engineer