

Lake Huron Primary Water Supply System Lake Huron Water Treatment Plant Disinfection and Storage Upgrades Class Environmental Assessment Notice of Study Commencement

The Lake Huron Primary Water Supply System (LHPWSS) owns the 340 megaliters-per-day Lake Huron Water Treatment Plant (LHWTP), which supplies treated water to eight municipalities via a (partially twinned) 1,200-millimeter-diameter primary transmission main to reservoirs and secondary transmission systems. The LHPWSS Service Area includes the City of London, the Municipality of Bluewater, the Municipality of Lambton Shores, the Township of Lucan-Biddulph, the Municipality of Middlesex Centre, the Municipality of North Middlesex, the Municipality of South Huron, and the Municipality of Strathroy-Caradoc.



Figure 1. Proposed Project Footprint and LHPWSS Service Area

Aerial image ©2020 Google Earth, ©2020 TerraMetrics, Image NOAA. Annotation © 2020 Jacobs

The recently completed LHPWSS Master Water Plan Update (2020) identified the need to improve disinfection and increase water storage at the LHWTP, to meet water demands to the year 2038. The City of London’s Regional Water Supply Division, on behalf of the LHPWSS, has

Class Environmental Assessment
Notice of Study Commencement

therefore initiated a Schedule B Municipal Class Environmental Assessment to confirm and refine the preferred alternative to enhance disinfection at the water treatment plant and meet the water storage requirements, while providing the plant with flexibility to implement energy management and other operational strategies. Potential upgrades would be located on the LHWTP site, as shown in Figure 1.

The study represents an opportunity to develop alternative solutions, assess their technical viability, and conduct a comprehensive evaluation to select a preferred alternative within the framework of the Schedule B Municipal Class Environmental Assessment process. The assessment is being carried out in accordance with the planning and design process for Schedule B projects under the *Environmental Assessment Act, 1990* as outlined in the Municipal Engineers Association's *Municipal Class Environmental Assessment* document (2000, as amended in 2007, 2011, and 2015).

Public input and comments are encouraged throughout the study. The Project Team will consult with the public and review agencies throughout the Class Environmental Assessment study. A Public Information Centre (PIC) will be held to provide information on the study progress and to facilitate public input. Invitations to participate in the process will be published in local newspapers and on the Lake Huron and Elgin Area Primary Water Supply Systems website (<https://huronelginwater.ca/>) and distributed to those individuals expressing an interest in this project.

If you have comments, require further information, or would like to be added to the project mailing list, please contact a member of the Project Team:

Brittany Bryans, P.Eng.
Research and Process Optimization
Engineer, Regional Water Supply
Lake Huron and Elgin Area Water Systems
235 North Centre Road, Suite 200
London, Ontario N5X 4E7
519-930-3505 ext. 4470
bbryans@huronelginwater.ca

Lee Anne Jones, P.Eng.
Project Manager
Jacobs
245 Consumers Road, Suite 400
Toronto, Ontario M2J 1R3
(416) 499-9000 X 73616
leeanne.jones@jacobs.com

Personal information submitted (e.g., name, address, phone number) is collected, maintained, and disclosed under the authority of the *Environmental Assessment Act* and *Municipal Freedom of Information and Protection of Privacy Act* for transparency and consultation purposes. Personal information you submit will become part of the public record that is available to the general public, unless you request that your personal information remain confidential.

This Notice was issued on February 1, 2021.