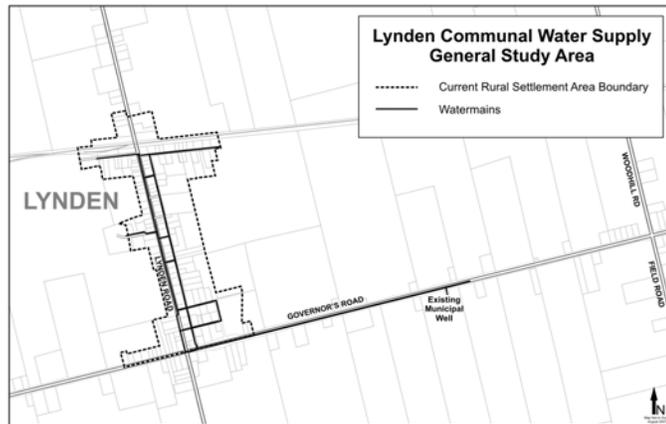


Lynden Communal Water Supply – Municipal Class Environmental Assessment

THE STUDY

The City of Hamilton has initiated a Class Environmental Assessment (EA) process for potable water supply to the Lynden Rural Settlement Area (RSA). This process will identify a water supply source to better secure the supply of drinking water to the community. The general study area and current water supply system is depicted in the Figure. Currently, the majority of the Lynden RSA receives its drinking water from a single groundwater well and single storage/treatment facility. In 2002, a Comprehensive Water Servicing Master Plan identified the need for additional water supply for the Lynden RSA. The additional water supply would provide backup for the existing well and capacity for future demand of the servicing area. This study will assess reasonable alternative water supply sources in order to select a preferred servicing source. Once a preferred water supply source is selected, the treatment design options will be considered.



PROBLEM/OPPORTUNITY STATEMENT

This study is being undertaken to address the following conditions in the existing Lynden potable water supply system:

- The capacity to meet the future demands of the water servicing area, and
- The current single well and treatment system provide no redundancy to ensure a secure supply.

THE PROCESS

This project is being planned under the planning and design process for **Schedule C** projects as defined in the Municipal Engineers Association's *Municipal Class Environmental Assessment* (June 2000, as amended 2007). Schedule C projects proceed through the full environmental assessment planning process as outlined in the Class EA. Public and agency consultation is required throughout the project.

PUBLIC INFORMATION CENTRES

The first Public Information Centre was held October 23, 2007 to present:

- Problem/Opportunity Statement
- Summary of Existing Conditions
- Evaluation Criteria
- List of Alternatives for Consideration
- Evaluation of Alternatives

Please refer to the links on the Lynden and Communal Water Systems web pages for information on the Notice of Commencement and the Public Information Centre No. 1 Poster Boards.

A second Public Information Centre will be held to present the evaluation of alternative designs and the recommended preliminary design of improvements. Upon completion of the study, the Environmental Study Report will be available for public review and comment. Further notifications will be published prior to these events.

HYDROGEOLOGICAL INVESTIGATIONS

The Lynden area has been the subject of detailed hydrogeological investigations over the past 30 years. The area is characterized by a thick clay overburden interspersed with some sandier layers, underlain with upper bedrock materials and water sources of a quality and quantity unsuited for municipal communal supply. Throughout the area, however, water-bearing gravel and sand deposits of varying thicknesses are present at the overburden/bedrock interface.

Further hydrogeological investigations are planned and underway in the area. Please refer to the additional information and links available on the Lynden and Communal Water Systems web pages.

PUBLIC COMMENT INVITED

If you have any questions or comments or wish to be added to the study mailing list, please contact either:

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Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.