

Coxwell Sanitary Trunk Sewer Odour Control Study

The Coxwell Sanitary Trunk Sewer (STS) is located beneath Coxwell Avenue and Rhodes Avenue, carrying sewage to the Ashbridges Bay Wastewater Treatment Plant. The City has received recurring odour complaints from residents in the vicinity of the sewer, primarily at the intersection of Rhodes Avenue and Fairford Avenue, and on Rhodes Avenue between Gerrard Street East and Dundas Street East.

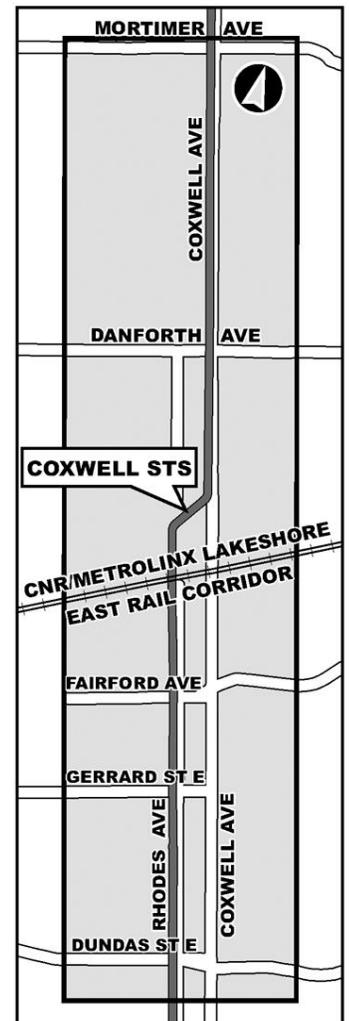
A vent stack located on Rhodes Avenue allows for the release of sewer gases into the air to prevent their build-up inside the sewer. The vent stack is equipped with a carbon filter, but this has been ineffective in reducing odour in the area.

In order to find a long-term solution for the control of odour from the sewer, the City has initiated a Municipal Class Environmental Assessment (EA) Study.

Fan Testing

The first step in the study will see 'fan tests' conducted to develop an air flow model that will assist in determining the type and size of odour control solution that is required.

A fan test unit will be set up at 2 locations for 2 days each. A flatbed truck with the fan test unit and portable generator will be parked near the maintenance hole at the northeast corner of Rhodes Avenue and Fairford Avenue, and at the southeast corner of Coxwell Avenue and Springdale Blvd. The fan test unit will be supervised 24 hours per day.



Study Area

Residents on Rhodes Avenue and Coxwell Avenue, where the tests will occur, will be contacted directly in person and via mail with the exact dates and times of the fan tests.



Fan Test Unit



Survey of Maintenance Holes

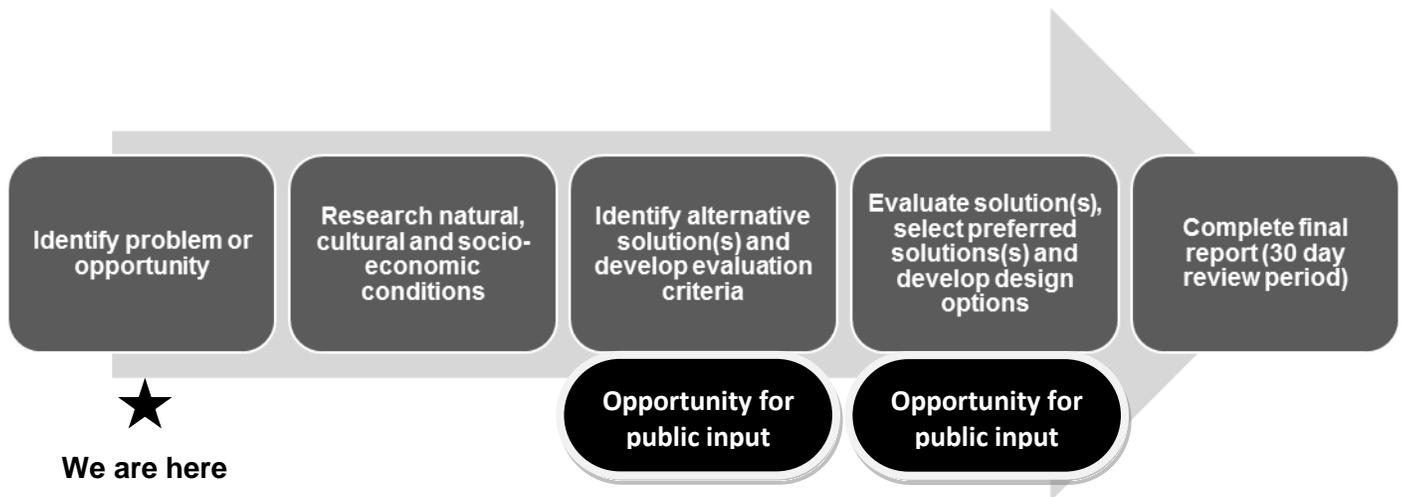
Field crews will also survey maintenance holes along the Coxwell STS to examine their condition.

What are the potential solutions being studied?

A review of the sewer design, flows and conditions is first needed before solutions can be developed. The City will look at different types of odour control technologies, along with the size and location needed to address the ongoing odour issue. Each of the solutions will be brought forward to the public for information and comment and will be evaluated based on a set of criteria.

What is a Municipal Class Environmental Assessment (EA) Study?

The Municipal Class EA is a planning and approval process that applies to a variety of municipal infrastructure projects, including municipal water and wastewater projects. The Class EA process involves five phases of evaluation and provides opportunities for public input.



Public Consultation

Two public consultation events are planned for this study. Notification of the events will be advertised in the local newspaper and notices mailed to residents and businesses within the study area. Information on events will also be available at www.toronto.ca/coxwellsewer.

For more information please visit the project website, or contact:

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

toronto.ca/coxwellsewer