

From: Abbott, Wesley
Sent: Friday, September 25, 2015 4:27 PM
To: Mercier, Betty
Cc: Stanford, Jay; Losee, Michael
Subject: Environmental Screening Process for Landfill Service Area Changes

Betty

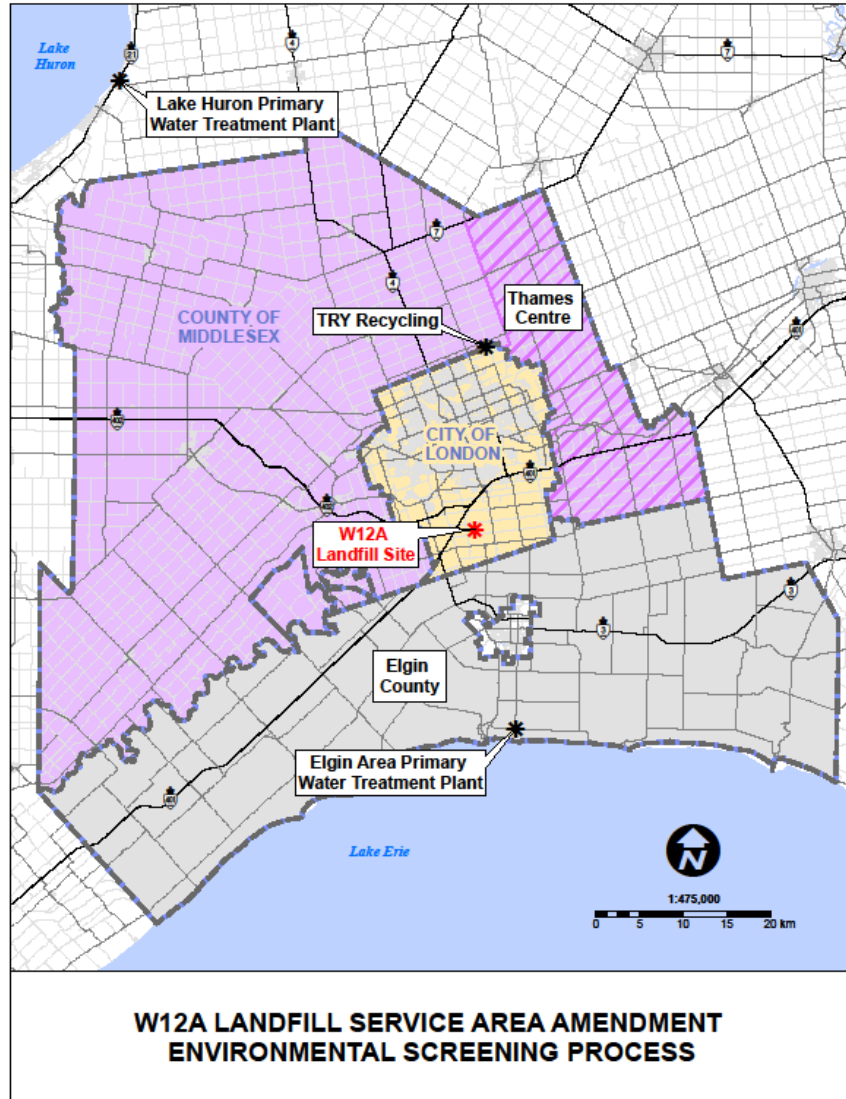
We would like to make a presentation (attached) to the Advisory Committee on the Environment at its next meeting (October 7, 2015) about the environmental screening process the City is undertaking to permit the W12A Landfill to accept waste from five new locations located outside the current service area (see map below). This screening is being completed under the Environmental Screening Process for Waste Management Projects under the Ontario Environmental Assessment Act, O.Reg.101/07. The Environmental Screening Process is used for routine projects that have predictable and manageable environmental effects. Increasing the service area of a landfill is one of the projects that is allowed to proceed through the Environmental Screening Process.

W12A landfill is currently approved to accept solid, non-hazardous waste generated from the City of London, Municipal Hazardous and Special Waste (MHSW) generated from London and Middlesex County at the MHSW Depot located at the landfill for transfer to recycling/processing sites. The City also has an arrangement with Thames Centre to receive residential waste in the winter months (when their landfill is closed) for disposal provided that the City sends a similar quantity of waste to be disposed of at the Thames Centre landfill in the summer months.

The City is proposing to accept waste from the following five locations: 1) process residuals from the Lake Huron water treatment plant, 2) process residuals from the Elgin Area water treatment plant, 3) construction and demolition recycling process residuals and residential garbage from TRY Recycling's Clarke Road facility, 4) curbside collected municipal waste generated in the winter months from Thames Centre and 5) MHSW from Elgin County. The MHSW would be transferred off site to appropriate recycling/processing sites. The other wastes would be disposed of at the W12A Landfill.

The proposed changes will not change the landfill's approved rate of fill (amount of waste the landfill can receive in a year), the types of waste that can be accepted, the size or capacity of the landfill or engineering controls to protect the environment and mitigate nuisance impacts. Physical changes to the landfill are not required.

Complete details of the environmental screening process can be found by visiting london.ca/residents/Garbage-Recycling/waste-management-planning/Pages/Landfill-Service-Area-Amendment.aspx



Thanks,

Wesley Abbott, Division Manager – Solid Waste Management

Corporation of the City of London • Environmental & Engineering Services
300 Dufferin Ave • PO Box 5035 • London, ON • N6A 4L9 • ph 519-661-2500 x 1812

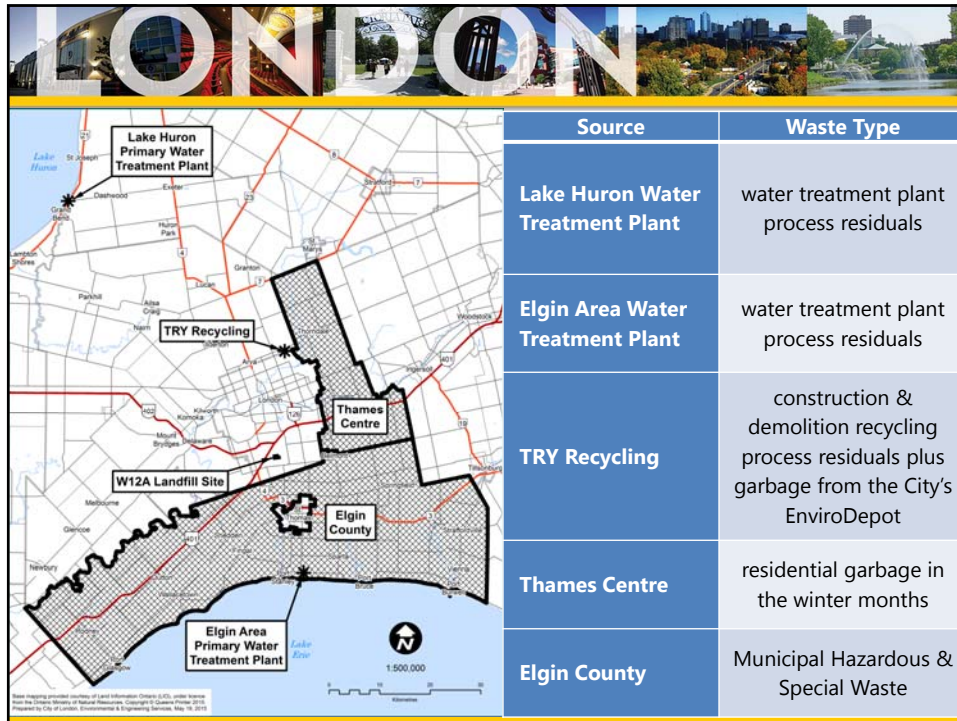


LONDON

Environmental Screening W12A Landfill Service Area Amendment

Advisory Committee on the Environment
October 7, 2015






Why?

- Lowest cost**
 - "Economies of Scale"
 - Tipping fees maybe lower for users
- London waste**
 - over 80% of material generated from providing services to London
- Regional coordination**
 - Continuation of working together (e.g. MRF and MHSW)

4





Water Treatment Plant Process Residuals



- Screened sediment from lake water
- 20,000 tonnes/year
- 4 trucks/day

5



Construction & Demolition Process Residuals



- Insulation, flat roofing, bulky items, etc.
- 20,000 tonnes/year
- 3 trucks/day

6





Residential Garbage



- Regular household garbage
- 1,300 tonnes/year
- 0.6 trucks/day

7



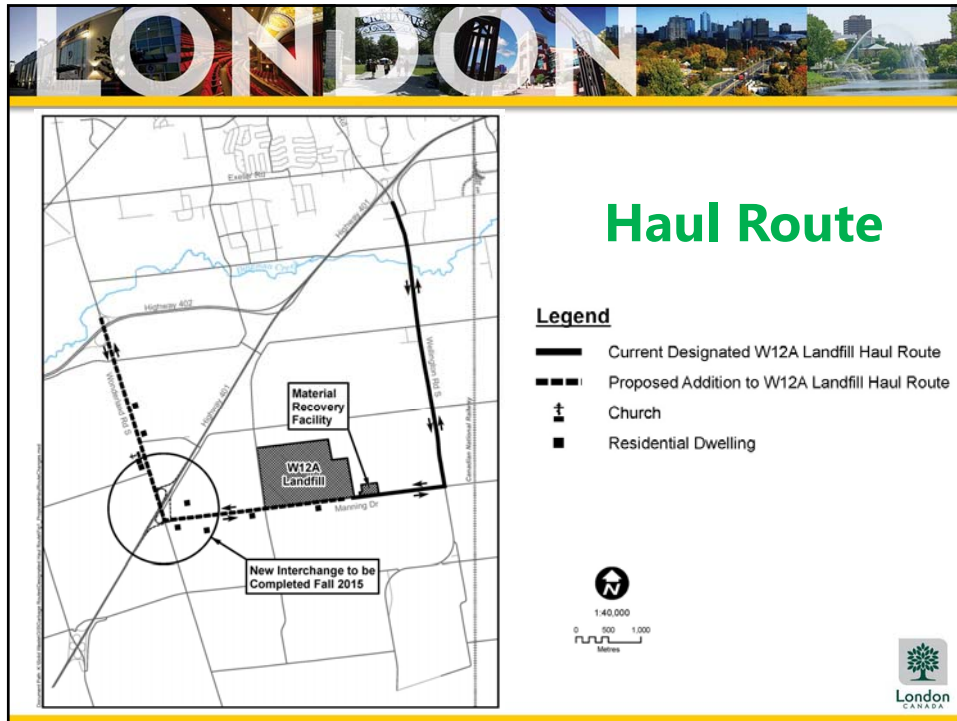
Municipal Hazardous & Special Waste




- Taken off-site for recycling/disposal
- 40 tonnes/year
- 4 small vehicles/day

8








Potential Implications

Factor	Data	Comments
Traffic	<ul style="list-style-type: none"> 10 to 15 vehicles/day (average) 15 to 30 vehicles/day (peak) 	<ul style="list-style-type: none"> < 5% increase losing other customers traffic study suggests road network can handle much more
Waste Quantities	<ul style="list-style-type: none"> 41,000 to 42,000 tonnes/year 20,000 tonnes/year used as cover 	<ul style="list-style-type: none"> Will reduce landfill capacity one year City about to start environmental assessment

11




Information/Comments

Information – www.london.ca

Information/comments
 Wesley Abbott, Division Manager – Solid Waste Management
 Phone: (519) 661-2500 ext.1812
 Fax: (519) 661-2354
 E-mail: wabbott@london.ca

Solid Waste Management Division, 8th Floor
 300 Dufferin Avenue, P.O. Box 5035
 London, ON N6A 4L9

12