

# “Alternatives To”\*

- In 2005, a study known as the *W12A Landfill Area Plan* commenced to examine the evolution of the W12A Landfill facility towards an integrated waste management centre for the next 40 years.
- The alternatives considered combinations of disposal and resource recovery options:

	“Alternatives To” options	Explanation of Alternative
1	<b>Status Quo</b>	<ul style="list-style-type: none"> <li>• Continued use of the existing landfill until its approved capacity is reached in about 2020 to 2025.</li> <li>• New <u>Greenfield Landfill</u> within the municipal boundaries of the City of London when W12A closes.</li> </ul>
2	<b>Expand the W12A Landfill</b>	<ul style="list-style-type: none"> <li>• Increase the life of the W12A Landfill to the 40-year time horizon.</li> </ul>
3	<b>Develop an integrated resource recovery centre</b>	<ul style="list-style-type: none"> <li>• Support on-site recovery of materials and energy from waste materials brought to the site to achieve the provincial 60% diversion target and thereby extend the landfill life.</li> <li>• This would require an <u>expansion of the W12A Landfill</u> and add lands for resource recovery.</li> </ul>
4	<b>Develop an industrial eco-park</b>	<ul style="list-style-type: none"> <li>• Capitalize on the use of both garbage and recyclables as raw materials to manufacture new products on-site, to add value to the outputs from the site operations and complete the recycling process.</li> <li>• This would require an <u>expansion of the W12A Landfill</u> and add lands for resource recovery and the industrial eco-park.</li> </ul>
5	<b>Close the W12A Landfill</b>	<ul style="list-style-type: none"> <li>• Premature closure of the W12A Landfill requiring the City to export waste temporarily.</li> <li>• Consider new <u>Greenfield Landfill</u> within the municipal boundaries of the City of London for the next 40 years.</li> </ul>
6	<b>Export Waste</b>	<ul style="list-style-type: none"> <li>• Continue to use the W12A Landfill until its currently approved capacity is reached in 2020 to 2025.</li> <li>• Establish a waste transfer station to export waste for disposal outside of the City.</li> </ul>
7	<b>Accelerate waste diversion to maximize the landfill site</b>	<ul style="list-style-type: none"> <li>• Change the City’s waste management system to achieve 60% diversion as soon as possible by the addition of lands and facilities to provide a full range of waste management activities including landfill expansion and resource recovery facilities including mechanical, biological and thermal waste processing.</li> <li>• This would involve a large investment in waste diversion and extend the use of the W12A Landfill.</li> <li>• This would require an <u>expansion of the W12A Landfill</u> and add lands for resource recovery.</li> </ul>

- These seven alternatives previously considered in the *W12A Landfill Area Plan* are still considered to cover the reasonable range of alternatives currently available to the City of London.
- A further screening assessment was undertaken of disposal options included in the seven alternatives using the screening questions provided in the Ministry of the Environmental and Climate Change document *Code of Practice for Environmental Assessments* (January 2014).

\* “Alternatives To” refers to the different waste disposal options. Examples include new Greenfield Landfill, expanding the current landfill and export.