

TO:	CHAIR AND MEMBERS WASTE MANAGEMENT WORKING GROUP MEETING ON JANUARY 19, 2017
FROM:	JAY STANFORD, M.A., M.P.A. DIRECTOR, ENVIRONMENT, FLEET & SOLID WASTE
SUBJECT:	DRAFT GUIDING PRINCIPLES - RESOURCE RECOVERY AND RESIDUAL WASTE DISPOSAL STRATEGIES

RECOMMENDATION

That on the recommendation of the Director, Environment, Fleet & Solid Waste the Draft Guiding Principles for the development of London's long-term Resource Recovery Strategy and Residual Waste Disposal Strategy **BE SUPPORTED** by the Waste Management Working Group for release for community engagement.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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Relevant reports that can be found at www.london.ca under City Hall (Meetings) include:

- Memorandum of Understanding with the Institute for Chemicals and Fuels from Alternative Resources - University of Western Ontario (December 12, 2016 meeting of the Civic Works Committee (CWC), Item #10)
- Establishment of a Waste Management Working Group (December 5, 2016 meeting of the Strategic Priorities and Policy Committee (SPPC), Item #2)
- Update and Next Steps: London Waste to Resources Innovation Centre and Green Shields Energy (October 4, 2016 meeting of the CWC, Item #10)
- Appointment of Consulting Engineer Long Term Solid Waste Resource Recovery and Disposal Plans (May 24, 2016 meeting of the CWC, Item #10)
- Individual Environmental Assessment Long Term Solid Waste Resource Recovery & Disposal Plans (October 6, 2015 meeting of the CWC, Item #14)
- Preliminary Concept for a London Waste to Resources Innovation Centre (February 3, 2015 meeting of the CWC, Item #4)
- City of London W12A Landfill Area Plan Study Meeting on Official Plan & Zoning By-Law Amendment (February 9, 2009 meeting of the Planning Committee, Item #15)

COUNCIL'S 2015-2019 STRATEGIC PLAN

Municipal Council has recognized the importance of solid waste management in its 2015-2019 - Strategic Plan for the City of London ([2015 – 2019 Strategic Plan](#)) as follows:

Strengthening our Community

- Healthy, safe and accessible city

Building a Sustainable City

- Strong and healthy environment
- Robust infrastructure

Growing our Economy

- Local, regional, and global innovation
- Strategic, collaborative partnerships

Leading in Public Service

- Proactive Financial Management
- Innovative & supportive organizational practices
- Collaborative, engaged leadership
- Excellent service delivery

BACKGROUND

PURPOSE:

The purpose of this report is to seek support to release the draft guiding principles for community engagement. The guiding principles will be used to direct the development of the long-term Resource Recovery Strategy and the Residual Waste Disposal Strategy for the City of London as part of the environmental assessment process.

CONTEXT:

In October 2015 Municipal Council directed staff to proceed with the development of a long-term Resource Recovery Strategy and Residual Waste Disposal Strategy for London.

The Resource Recovery Strategy involves the development of a plan to maximize waste reduction, reuse, recycling, resource recovery, energy recovery and/or waste conversion in an economically viable and environmentally responsible manner. Resource Recovery strategies (i.e., often known as waste diversion strategies) are developed and approved at the local government level and do not require Provincial government approval. However, these strategies do serve as input into Provincial government decision-making as related to approval of the Residual Waste Disposal component.

The Residual Waste Disposal Strategy involves the development of a long-term plan to manage residual waste (waste after resource recovery) and involves completion of an Individual Environmental Assessment (EA) as prescribed by the Ministry of Environment & Climate Change (MOECC). The Individual EA requires approval by the Minister of Environment & Climate Change and Cabinet.

DISCUSSION

Over the last ten years, there have been numerous community engagements with respect to solid waste management in London including:

- 2006 to 2009 – W12A Area Plan and W12A Landfill Site Community Enhancement and Mitigative Measures Program
- 2007 – A Road Map to Maximize Waste Diversion in London
- 2013 – Road Map 2.0: The Road to Increased Resource Recovery and Zero Waste (and the Interim Waste Diversion Plan 2014 – 2015)
- 2014 – Public Feedback on Different Garbage and Recycling Collection Frequency Schedules
- 2015 to 2016 – Streamlined EA (Environmental Screening) for Waste Disposal
- 2016 – Garbage Container Limits

It is based on these previous community engagements and ongoing input received from Municipal Council, a number of Council Advisory Committees, community and business groups, and the W12A Public Liaison Committee, that 10 draft guiding principles (Table 1) have been identified that reflect community values, concerns and priorities at this point in time. Also identified on Table 1 is additional rationale for the draft guiding principles primarily from significant City of London documents and other levels of government that have also undergone community engagements prior to being approved.

Community and stakeholder input on the draft guiding principles will be sought in early spring 2017 as part of the community engagement processes for the two strategies. Various community engagement tools (traditional media, social media, Engage London, the City's website, open houses, etc.) will be used.

Final approval of the guiding principles will occur by Municipal Council after receiving community and stakeholder input.

Table 1: Draft Guiding Principles

Draft Guiding Principle	Additional Rationale
<p>1) Work to Mitigate Climate Change Impacts – To reduce the impact on climate change we will identify, assess and implement solutions that reduce greenhouse gas emissions associated with our waste management system.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Building a Sustainable City) • Consistent with The London Plan • Contributes to the Community Energy Action Plan (CEAP) • Addresses Ontario’s Five Year Climate Change Plan (2016-2020) • Addresses actions in the Final Draft Strategy for a Waste-Free Ontario Building a Circular Economy • Addresses Pan-Canadian Framework on Clean Growth and Climate Change
<p>2) Prioritize our Community’s Health and Environment – The health of our residents and the environment is a priority in decision-making to minimize negative impacts and to maximize the benefits.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Strengthening our Community and Building a Sustainable City) • Consistent with The London Plan
<p>3) Be Socially Responsible – Develop acceptable and fair solutions that minimize social impacts, encourage participation and maximize social benefits for residents and businesses and that take into account input from residents and businesses.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Strengthening our Community, Building a Sustainable City, Growing our Economy and Leading in Public Service) • Consistent with The London Plan
<p>4) Ensure Financial Sustainability – Develop financially sustainable solutions that are easy and affordable to maintain by current and future generations and also help to stimulate economic growth within our community.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Growing our Economy and Leading in Public Service) • Consistent with the Multi-year Budget process (2016-2019) and long-term forecasts
<p>5) Make the Future System More Transparent – Future decisions on the implementation of the Resource Recovery Strategy and Residual Waste Disposal Strategy will be open, accessible, based on best practices and facts, and follow the Corporation of the City of London by-laws, policies and practices to find solutions.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Leading in Public Service)
<p>6) Support Development of Community Partnerships – Working together with local community groups and organizations will help us reach our waste diversion goals and maximize resource recovery more effectively and efficiently.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Strengthening our Community and Leading in Public Service)
<p>7) Support Development of Business (contractual) Partnerships – Working together with the private sector will ensure that roles, responsibilities and skills are assigned appropriately such that municipal resources are maximized and the best opportunities for London and potential partners are created.</p>	<ul style="list-style-type: none"> • Addresses Council’s Strategic Plan 2015-2019 (Growing our Economy and Leading in Public Service)

Table 1: Draft Guiding Principles

Draft Guiding Principle	Additional Rationale
<p>8) Ensure Responsibility for Waste Management – Waste management is a fundamental service provided by municipal governments. London should manage residential waste and resources generated within its boundaries. London should ensure that local businesses have access to competitive resource recovery and residual waste disposal options.</p>	<ul style="list-style-type: none"> Addresses Council's Strategic Plan 2015-2019 (Strengthening our Community, Building a Sustainable City, Growing our Economy and Leading in Public Service) Consistent with The London Plan
<p>9) Implement more Resource Recovery Solutions – Residual waste needs to be minimized and any waste that is generated needs to be treated as a resource, when practical. Resource recovery includes reuse, recycling, composting, anaerobic digestion and waste conversion to create energy and energy products. Resource recovery will balance environmental, social and financial needs along the road to a waste-free Ontario at some point in the future.</p>	<ul style="list-style-type: none"> Addresses Council's Strategic Plan 2015-2019 (Building a Sustainable City and Growing our Economy) Consistent with The London Plan Contributes to the London Waste to Resources Innovation Centre
<p>10) Ensure Impacts of Residual Waste Disposal are Minimized – Waste disposal facilities must meet, and if possible, exceed all applicable regulatory standards. London will make all reasonable efforts to reduce and address negative effects of any future residual waste disposal facility through proper design and operation of the facility, as well as providing appropriate mitigation measures to the surrounding community.</p>	<ul style="list-style-type: none"> Addresses Council's Strategic Plan 2015-2019 (Building a Sustainable City) Consistent with The London Plan Consistent with W12A Landfill Site Community Enhancement and Mitigative Measures Program

ACKNOWLEDGEMENTS

This report was prepared with assistance from Mike Losee, Division Manager, Solid Waste Management.

PREPARED BY:	
WESLEY ABBOTT, P. ENG. PROJECT MANAGER SOLID WASTE MANAGEMENT	
PREPARED AND RECOMMENDED BY:	CONCURRED BY:
JAY STANFORD, M.A., M.P.A. DIRECTOR, ENVIRONMENT, FLEET & SOLID WASTE	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER