

Civic Works Committee

Report

11th Meeting of the Civic Works Committee
July 17, 2018

PRESENT: Councillors V. Ridley, T. Park, P. Hubert, P. Squire
ABSENT: H. Usher, Mayor M. Brown
ALSO PRESENT: Councillors J. Helmer, J. Morgan, M. Salih , S. Turner and M. van Holst, S. Chambers, J. Davies, M. Elmadhoon, G. Gauld, S. Maguire, S. Mathers, M. Ribera, A. Rozentals, K. Scherr, P. Shack, J. Stanford, B. Westlake-Power, J. Yanchula and P. Yeoman

The meeting was called to order at 4:00 PM.

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

Motion Passed

2. Consent

Moved by: P. Hubert
Seconded by: T. Park

Approve items 2.1 to 2.9

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

2.1 5th Report of the Transportation Advisory Committee

Moved by: P. Hubert
Seconded by: T. Park

That it BE NOTED that the 5th Report of the Transportation Advisory Committee, from its meeting held on June 26, 2018, was received.

Motion Passed

2.2 4th Report of the Rapid Transit Implementation Working Group

Moved by: P. Hubert
Seconded by: T. Park

That it BE NOTED that the 4th Report of the Rapid Transit Implementation Working Group, from its meeting held on July 5, 2018, was received.

Motion Passed

2.3 Strategic Plan Progress Variance Report

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the City Manager, with the concurrence of the Managing Director of Environmental and Engineering Services and City Engineer, the report dated July 17, 2018, with respect to this matter BE RECEIVED. (2018-C08)

Motion Passed

2.4 Amendments to the Traffic and Parking By-law

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the proposed by-law, as attached to the staff report dated July 17, 2018, as Appendix A BE INTRODUCED at the Municipal Council meeting to be held on July 24, 2018 for the purpose of amending the Traffic and Parking By-law (PS-113) (2018-T08)

Motion Passed

2.5 Water and Erosion Control Infrastructure (WECl) Program: 2018 Provincially Approved Project Funding

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the Managing Director Environmental & Engineering Services and City Engineer, the following actions be taken with respect to City of London's contribution to infrastructure funded through the Ministry of Natural Resources and Forestry's Water and Erosion Control Infrastructure capital cost share program:

a) the Upper Thames River Conservation Authority BE AUTHORIZED to carry out the following projects, in concert with the City, in the total amount of \$1,534,375.00, including contingency, excluding HST; noting the requirements of this provincial funding program are unique, in that only conservation authorities can apply, requiring 14.3.a) of the Procurement of Goods and Services Policy:

- i Dam Ice Safety Signs;
- ii Fanshawe Dam Hoist Licensing and Refurbishment;
- iii Fanshawe Dam Phase 5 Paint and Concrete Repairs;
- iv Fanshawe Dam Roof Replacement; and,
- v West London Dyke Phase 4A Reconstruction;

b) the financing for this work BE APPROVED as set out in the Sources of Financing Report as attached to the staff report dated July 17, 2018, and,

c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this work.(2018-F11)

Motion Passed

2.6 Clean Water and Wastewater Fund Project Budget Amendments

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer the staff report dated July 17, 2018, with respect to housekeeping budget adjustments for Clean Water and Wastewater Fund (CWWF) Phase One projects BE RECEIVED for information. (2018-F05A)

Motion Passed

2.7 Dingman Creek and Colonel Talbot Pumping Stations Budget Adjustments

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the following actions be taken with respect to budget adjustments for the new Dingman Creek and Colonel Talbot Pumping Stations:

- a) budget adjustments to advance 2024 Development Charges (DC) funding from ES5263-Southwest Capacity Improvement and ES5264-Wonderland Pumping Station Upgrade BE APPROVED to fund construction of the new Dingman Creek (Wonderland) Pumping Station, in the total amount of \$19,006,387;
- b) a budget adjustment to increase 2018 DC funding for project ES5263-Southwest Capacity Improvement BE APPROVED in the total amount of \$5,000,000 to fund construction of the new Dingman Creek (Wonderland) Pumping Station; and,
- c) budget adjustments to reallocate surplus approved DC funding from ES5256-Exeter Road Trunk Sanitary Sewer, ES5260-Lambeth Southland Servicing Solution and ES2685-Greenway Expansion and Upgrade totalling \$4,100,000 BE APPROVED to fund construction of the Colonel Talbot Pumping Station;
- d) the financing for the projects BE APPROVED in accordance with the "Sources of Financing Report" as appended to the staff report dated July 17, 2018, with respect to this matter as Appendix "A" and Appendix "B".(2018-F05A)

Motion Passed

2.8 Adjust 3 Container Exemption Collection Periods and Changes to Collection Zones

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions be taken, with respect to 3 container exemption and changes to collection zones:

a) the 3 Container Exemption Period that follows the three day Thanksgiving weekend in October BE MOVED to the week after the four day Easter weekend;and,

b) the Civic Administration BE DIRECTED to report back with a proposed by-law to amend the Municipal Waste & Resource Materials Collection By-law (WM-12) to enact the above noted change. (2018-E07)

Motion Passed

2.9 Nortel Networks Limited and Nagata Auto Parts Canada Co., LTD. - Appeals to the Environment Review Tribunal Case No.s - 11-125/1-126

Moved by: P. Hubert
Seconded by: T. Park

That, on the recommendation of Corporation Counsel, the staff report dated July 17, 2018, with respect to the conclusion of the appeals by Nortel Networks Limited and Nagata Auto Parts Canada Co., Ltd., to the Environmental Review Tribunal from an Order of the Director, Ministry of the Environment, Order No. 3250-8J4J3G, dated July 2011 (the "Director's Order"), BE RECEIVED. (2018-L01)

Motion Passed

3. Scheduled Items

3.1 60% Waste Diversion Action Plan

Moved by: T. Park
Seconded by: P. Squire

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions be taken:

a) the action plan included in the staff report dated July 17, 2018, containing programs and initiatives to be phased in between 2019 and 2022 to achieve 60% waste diversion BE APPROVED for public comment;

b) the 60% Waste Diversion Action Plan BE RELEASED for review and comment by the general public and stakeholders from July 25, 2017 to September 10, 2018, noting that minor changes/revisions to the report may be made prior to release to improve readability and/or layout of the report;

c) the Civic Administration BE DIRECTED to consider the feedback from the consultation noted in part b), above, and submit a report to the Civic Works Committee on September 25, 2018; and,

d) that a public participation meeting on the 60% Waste Diversion Action Plan BE HELD at the September 25, 2018 meeting of the Civic Works Committee; it being noted that the Civic Works Committee received the attached presentation, from J. Stanford, Director, Environmental, Fleet & Solid Waste . (2018-E07)

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

4. Items for Direction

4.1 King Street Bike Lanes - Public Submissions

(2018-T04)

Moved by: T. Park

Seconded by: P. Hubert

That, the following actions be taken with respect to the cycle tracks located on King Street between Ridout Street and Colborne Street and the new north-south cycle track:

a) the Managing Director, Environmental and Engineering Services and City Engineer BE DIRECTED to report back to the Civic Works Committee by no later than September 2018 with recommended options and associated costs, that Municipal Council may consider for implementation, that would result in enhanced safety for cyclists using the bike lane on King Street between Ridout Street and Colborne Street, and the new north-south cycle track with possible options that may include, but not be limited to, reduced parking on the south side of King Street, the installation of barriers, such as planters, to create a protected bike lane and appropriate signage; it being noted that there are physical constraints in this area, with frequent public transit stops located along this route;

b) the Managing Director, Environmental and Engineering Services and City Engineer BE DIRECTED to consult with the London Transit Commission, the Downtown Business Improvement Association and the City of London Cycling Advisory Committee to seek input with respect to possible interim options to address the concerns raised by members of the public;

c) the Managing Director, Environmental and Engineering Services and City Engineer BE DIRECTED to enhance communication efforts to improve drivers awareness of cyclists using King Street the need to ensure the safety of all road users; and,

d) the London Police Service BE REQUESTED to increase their enforcement in this area location, with a focus on driver behaviours that may adversely impact the safety of cyclists;

it being noted that the Civic Works Committee received the following communications with respect to this matter:

a communication from A. Hunniford, by email;

a communication from B. Cowie, by email;

a communication from D. Vanden Boomen, by email;

a communication from Dr. M. Prado, by email;

a communication from J. Cameron, by email;
a communication from J. Fisher, by email;
a communication from S. Climans, by email;
a communication from B. Groot, by email;
a communication from K. Walmsley, by email;
a communication from C. Groot, by email;
a communication from C. McCreery, by email

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

4.2 Request for Delegation - D. Davis, Filthy Rebena Vintage

Moved by: P. Squire

Seconded by: P. Hubert

That the delegation from D. Davis, with respect to concerns related to the current construction situation at her business location, BE RECEIVED; it being noted that J. Yanchula and K. Scherr advised the Civic Works Committee as to current actions being undertaken to assist with the issues raised.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

Voting Record:

Moved by: T. Park

Seconded by: P. Squire

That D. Davis BE GRANTED delegation status, with respect to the Dundas Street Construction.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

4.3 7th Report of the Cycling Advisory Committee

Moved by: P. Hubert

Seconded by: T. Park

That the following actions be taken with respect to the 7th Report of the Cycling Advisory Committee, from its meeting held on June 20, 2018:

a) the attached 2018 Work Plan for the Cycling Advisory Committee BE APPROVED; and

b) the remaining clauses, BE RECEIVED.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

4.4 Presentation – Canadian Urban Transit Research and Innovation Consortium (CUTRIC)

Moved by: P. Hubert

Seconded by: P. Squire

That the City Clerk BE DIRECTED to make the necessary arrangements to invite Dr. Josipa Petronic, Executive director and Chief Executive Officer of the Canadian Urban Transit Research and Innovation Consortium as a delegate before the September 17, 2018 meeting of the Strategic Priorities and Policy Committee to present information provided at the July 5, 2018 meeting of the Rapid Transit Implementation Working Group;

it being noted that a communication was received from Mayor M. Brown and Councillor H. Usher, with respect to this matter. (2018-T10)

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

4.5 Traffic Light - South Carriage Road and Hyde Park Road

Moved by: P. Hubert

Seconded by: P. Squire

That staff BE DIRECTED to install traffic lights at South Carriage road and Hyde Park Road as soon as possible and identify a source of funding for the installation;

it being noted that verbal presentations from D. Foster and D. Szpakowski were received, with respect to this matter.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

Voting Record:

Moved by: P. Hubert

Seconded by: T. Park

That D. Foster and D. Szpakowski BE Granted delegation status with respect to the Traffic Light-South Carriage Road and Hyde Park Road.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

- a. (ADDED) Request for Delegation - D. Foster, Red Light Movement Committee
- b. (ADDED) Request for Delegation Status - D. Szpakowski, General Manager, Hyde Park Buisness

4.6 Residential Damage - Storm Water Discharge

Moved by: V. Ridley
 Seconded by: P. Hubert

That the following actions be taken with respect to storm sewer connections in residential areas:

- a) the Civic Administration BE DIRECTED to report back to the Civic Works Committee providing an update with respect to the voluntary pilot project currently underway on Guildwood Boulevard to extend residential sump pumps into the City of London storm sewer systems; and,
- b) the Civic Administration BE DIRECTED to report back a future meeting of the Civic Works committee with information pertaining to the feasibility of implementing a sump pump discharge mitigation pilot project utilizing low impact development technologies, for properties located on Mockingbird Crescent;

it being noted that Civic Works received a communication from Councillor V. Ridley, with respect to this matter. (2018-E09)

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

5. Deferred Matters/Additional Business

5.1 Deferred Matters List

Moved by: T. Park
 Seconded by: P. Squire

That the Civic Works Committee Deferred List, as of July 9, 2018, BE RECEIVED.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

5.2 (ADDED) 3rd Report of the Waste Management Working Group

Moved by: P. Hubert
 Seconded by: T. Park

That it BE NOTED that the 3rd Report of the Waste Management Working Group, from its meeting on July 13, 2018, was received.

Yeas: (4): V. Ridley, T. Park, P. Hubert, and P. Squire

Absent: (2): H. Usher, and Mayor M. Brown

Motion Passed (4 to 0)

6. Adjournment

The meeting adjourned at 6:05PM.

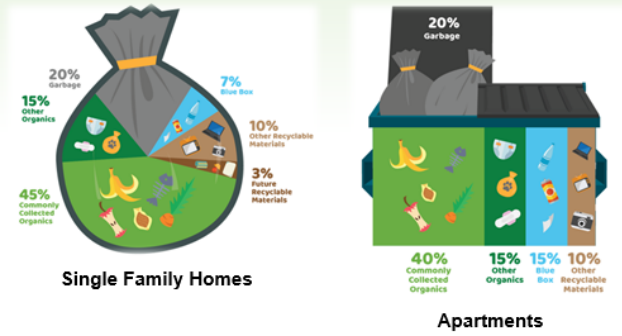
Presentation to Civic Works Committee

July 17, 2018

Environmental & Engineering Services

60% Waste Diversion Action Plan

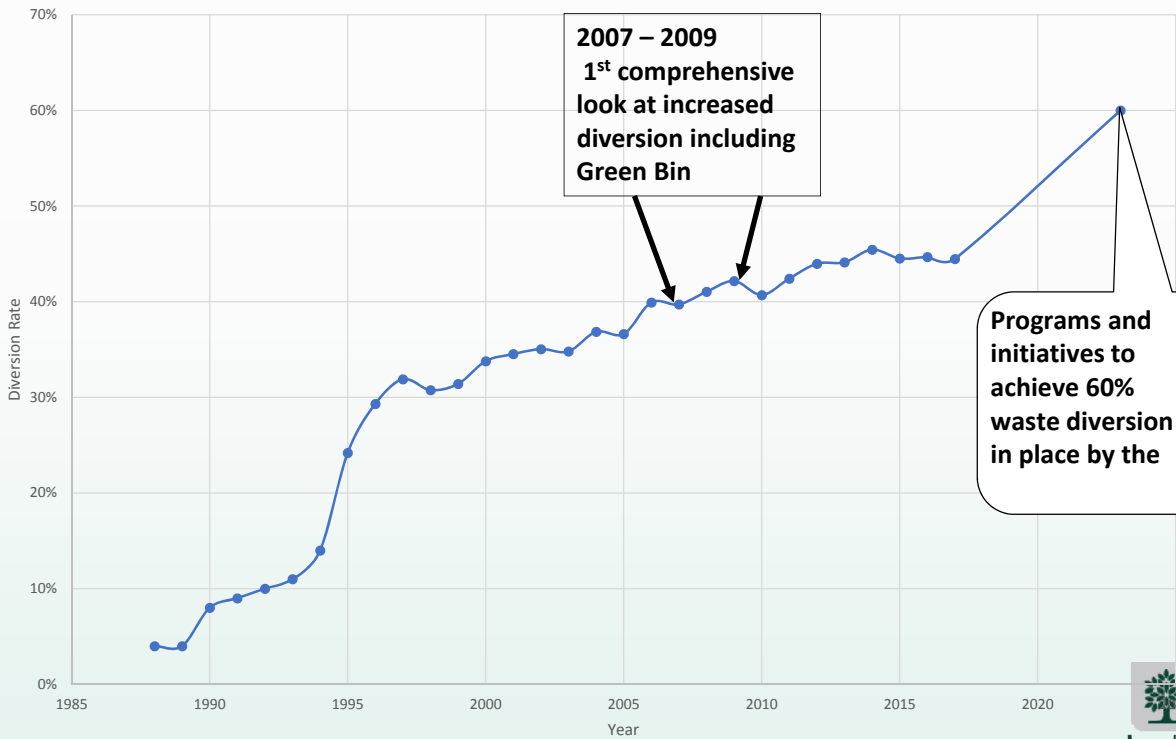
What's in the garbage?



Waste Management Working Group: July 13, 2018
 Civic Works Committee: July 17, 2018
 Municipal Council: July 24, 2018
 Community Engagement: July 25 – September 27, 2018



The Road to 60% Diversion





Council Direction(s)

October 30, 2017 Council direction:

“The W12A Landfill expansion be sized assuming the residential waste diversion rate is 60% by 2022 noting this does not prevent increasing London’s residential waste diversion rate above 60% between 2022 and 2050.”

July 13, 2018 Waste Management Working Group:

*The action plan to achieve 60% waste diversion by 2022
BE SUPPORTED IN PRINCIPLE; and,*

*The release of the report for review and comment by the
general public and other stakeholders BE SUPPORTED . .*



Council Direction(s)

Strategic Plan for the City of London (2015-2019):


Increase efforts on more resource recovery, long-term disposal capacity, and reducing community impacts of waste management.

The London Plan (December 28, 2016):


***Direction #4** Become one of the greenest cities in
Canada*

#12 Minimize waste generation, maximize resource recovery, and responsibly dispose of residual waste.





Provincial Direction(s)




Many Targets (“must”)

- 70% reduction/recovery of food and organic waste from SF homes by 2025
- 50% reduction/recovery of food and organic waste generated at the building by 2025


60% waste diversion goal is a key London commitment as part of the Environmental Assessment for the W12A Landfill expansion

To mark our progress and keep on track, we have set three interim goals:



30%

diversion rate by 2020



50%

diversion rate by 2030



80%

diversion rate by 2050



How much waste and resources?

Single Family

129,900 tonnes
50% diverted



Multi-residential

29,400 tonnes
18% diverted



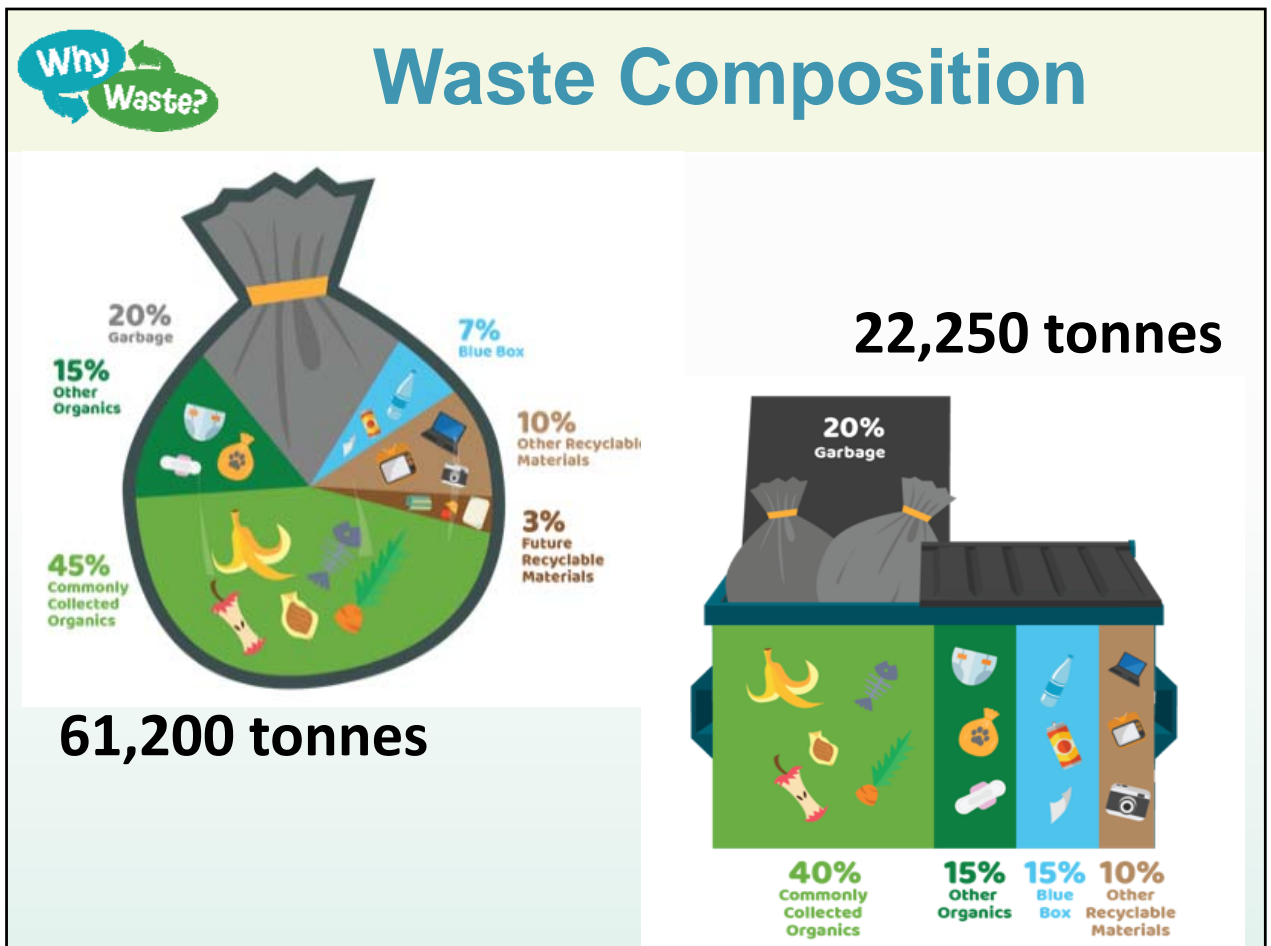
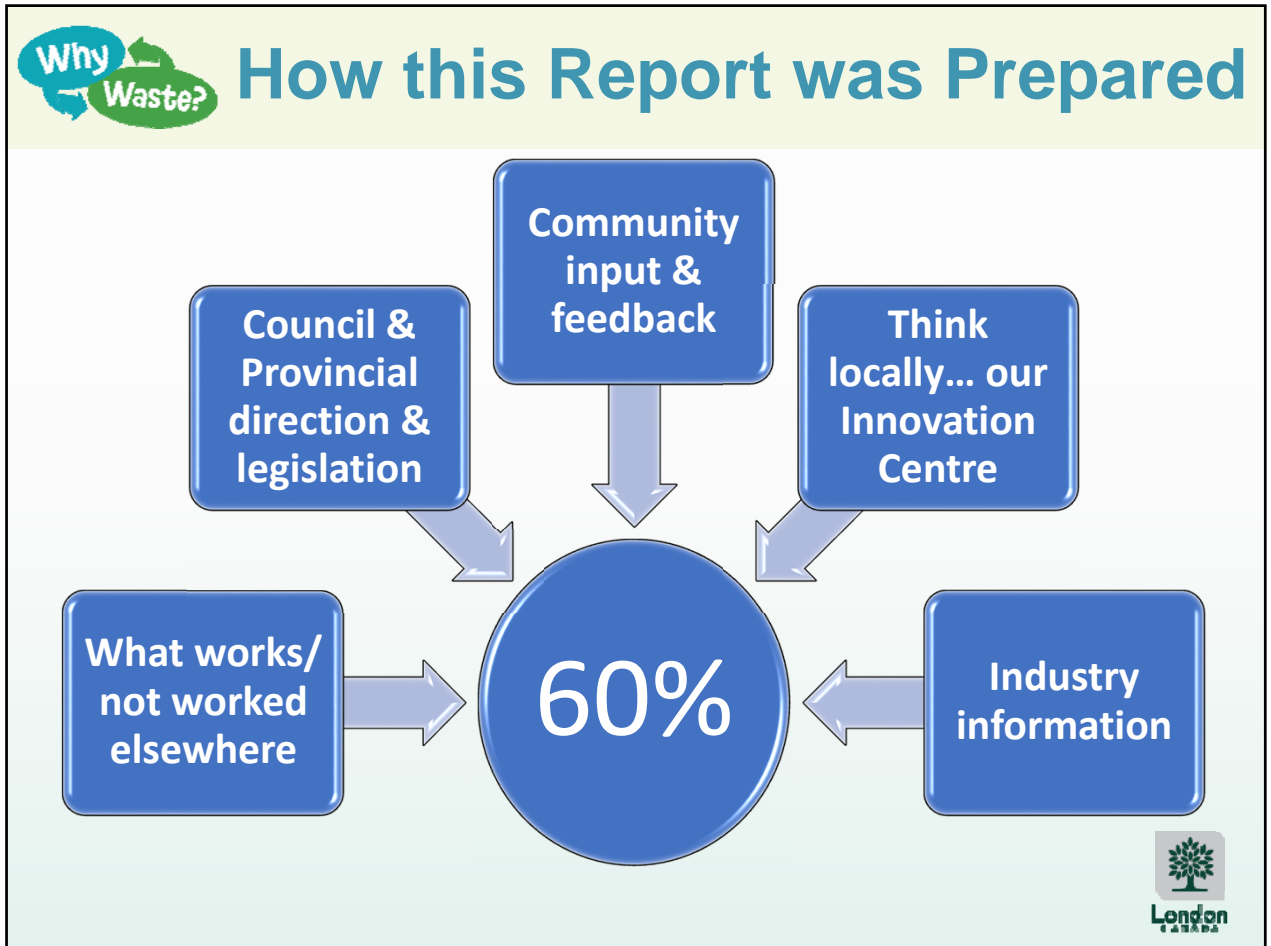
Industrial, Commercial & Institutional

~ 170,000 tonnes
~ 20% diverted

Construction, Renovation & Demolition

~ 120,000 tonnes
~ 50% diverted







Composition – *Did You Know!!*

Top 5 Diversion Opportunities	Estimated tonnes	% of Waste	Kg/hhld/year
1. Avoidable food waste	19,300	23%	107
2. Other organics	12,300	15%	68
3. Unavoidable food waste	10,100	12%	56
4. Pet waste	8,500	10%	47
5. Items for Blue Box/Cart	8,300	10%	46
Total	58,500	70%	324



Blue Box – Blue Carts

Why is this important?	<ul style="list-style-type: none"> • Provincial law - shifting to EPR is key • Industry will be funding
How many actions?	<ul style="list-style-type: none"> • None; Industry will be responsible • Council/City staff to continue to push
How much will it divert?	<ul style="list-style-type: none"> • 1% to 3% • 1,600 to 4,800 tonnes
What is the cost/hhld estimate?	<ul style="list-style-type: none"> • SAVINGS estimated at \$1.5 to \$1.8 million by 2022+ • SAVINGS \$8.00 to \$10.00 per year



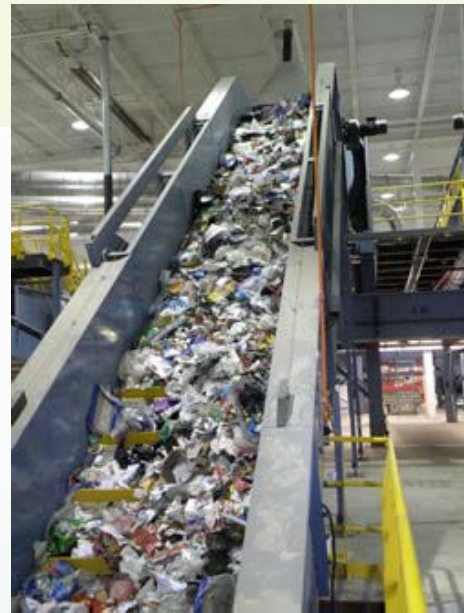
New (or Expanded) Recycling

Why is this important?	<ul style="list-style-type: none"> • Items are easy to identify/describe • Identified in provincial direction
How many actions?	<ul style="list-style-type: none"> • 7; some pilot projects • Support local jobs; potential for more • New business opportunities
How much will it divert?	<ul style="list-style-type: none"> • 0.4% to 0.8% • 640 to 1,280 tonnes
What is the cost/hhld estimate?	<ul style="list-style-type: none"> • Range \$2.00 to \$3.00 per year • Likely \$2.50



Curbside Organics

Why is this important?	<ul style="list-style-type: none"> • Largest portion of garbage (up to 60%) • Proven programs (that have improved) • Legislated
How many actions?	<ul style="list-style-type: none"> • 2 • Weekly Green Bin, recycling • Biweekly, same day garbage pickup
How much will it divert?	<ul style="list-style-type: none"> • 8% to 12% • 13,000 to 20,000 tonnes
What is the cost/hhld estimate?	<ul style="list-style-type: none"> • Range \$21.75 to \$30.50 per year • Likely \$28 (curbside home only \$40)



Mixed Waste Processing and Mechanical/Biological Treatment (MBT)



FOCUS - Green Bin vs Mixed Waste Processing

MWP Advantages

Environmental

- 25% to 80% more organics captured
- 25% to 80% more GHG reduction

Social

- More convenience
- No “Yuk” factor

MWP Disadvantages

Financial (Curbside Homes)

- Costs \$70 to \$115/hhld compared to \$30 to \$45/hhld for Green Bin

Technical

- Rules are evolving
- Uncertainty for product(s) quality





Multi-res Organics

Why is this important?	<ul style="list-style-type: none"> • Largest portion of the waste stream • Legislated
How many actions?	<ul style="list-style-type: none"> • 1 • Pilot project (15%) – mixed waste processing and composting/digestion • Follow progress of other communities
How much will it divert?	<ul style="list-style-type: none"> • 0.5% to 0.7% • 800 to 1,120 tonnes
What is the cost/hhld estimate?	<ul style="list-style-type: none"> • Range \$2.25 to \$4.00 per year • Likely \$2.75 (Multi-res unit only \$62.50)



Other Organics Programs

Why is this important?	<ul style="list-style-type: none"> • Food waste avoidance should be a priority • Lowers costs; community oriented
How many actions?	<ul style="list-style-type: none"> • 3 • Builds on 2 existing actions, BYC and community composting
How much will it divert?	<ul style="list-style-type: none"> • 0.3% to 0.6% • 480 to 960 tonnes
What is the cost/hhld estimate?	<ul style="list-style-type: none"> • Range \$1.50 to \$2.00 per year • Likely \$1.75



FOCUS – Food Waste Avoidance



Local Research (Western University), local Pilot Projects and experience in Canada, USA and Europe

- **Audits – confirmed up to 2/3rds avoidable food waste**
- **\$450 to \$600 per household (\$80 to \$100 million/year) in avoidable food**
- **10% reduced = \$8 to 10 million saved locally**



Reduction & Reuse

Why is this important?

- Lowers costs; community oriented
- Council policies, directions and by-laws set stage

How many actions?


- 7, includes community investment
- People are the driving force behind reduction and reuse

How much will it divert?

- 1% to 4%
- 1,600 to 6,400 tonnes

What is the cost/hhld estimate?


- Range \$0.50 to \$2.00 per year
- Likely \$1.50



Ipsos Survey June 2018


Parameters


- 301 respondents; Single family and a
- +/- 6.4%, 19 times out of 20



Findings

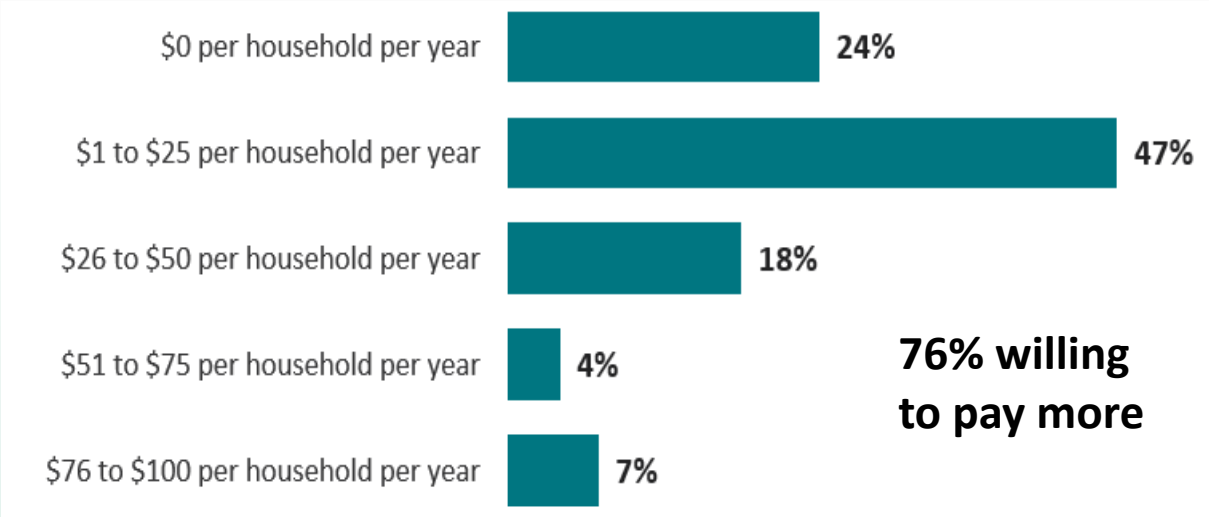
- waste diversion is somewhat or very important (93%) with 53% stating very important
- support food waste avoidance program (88%)
- support curbside/multi organics program (75%)
- prepared to deliver more to depots (65%)





Ipsos Survey June 2018

Willingness to pay more for increased waste diversion



Willingness to pay	Percentage
\$0 per household per year	24%
\$1 to \$25 per household per year	47%
\$26 to \$50 per household per year	18%
\$51 to \$75 per household per year	4%
\$76 to \$100 per household per year	7%

76% willing to pay more



Benefits

Environmental



- increased waste diversion (33% more)
- reduced GHG gas emissions (equivalent of removing 4,200 to 6,800 cars)
- reduced landfill impacts (odour, traffic)
- better use of material and resources



Benefits

Social



- creation of jobs (between 125 and 170, direct & indirect)
- satisfaction/pride of community

Financial



- short-term landfill cost savings
- avoid long term waste export costs (\$5 to \$7 million/year)





Estimated Annual Costs

Program Category	Cost Range	Likely Cost
Blue Box/Cart Recycling	\$0	\$0
New Recycling Programs and Initiatives	\$350,000 - \$550,000	\$450,000 (\$2.50)
Curbside Organics Management Program	\$3,900,000 - \$5,500,000	\$5,000,000 (\$27.75)
Multi-Res Organics Pilot Program	\$400,000 - \$700,000	\$500,000 (\$2.75)
Other Organic Programs	\$250,000 - \$350,000	\$300,000 (\$1.75)
Waste Reduction, Reuse Initiatives and Policies	\$150,000 - \$350,000	\$250,000 (\$1.50)
Total	\$5,050,000 - \$7,450,000	\$6,500,000 (\$36.00)



Estimated Capital Costs

Program Category	Items	Estimated Cost
New Recycling Programs and Initiatives	• EnviroDepot Improvements	\$500,000 to \$2,700,000
Curbside Organics Management Program	• Green Bin Carts • Kitchen Catchers • Collection Vehicles	\$12,000,000
Other Organic Management Programs	• Community composting	\$100,000
Waste Reduction, Reuse Initiatives and Policies	• Reuse facilities	\$200,000
Total		\$12.5 - \$15 million



Potential Funding Sources

Source	Potential Amount	Possible Date	Who Controls	Level of Risk
Full EPR for Blue Box	\$1.5 M to \$1.8 M	2022 to 2025	Province	Low
Full EPR for Other Programs	\$50,000 to \$150,000	2023/2025	Province	High
W12A Landfill Levy	\$250,000 to \$1 M	2020/2022	City	Low
Total	\$1,800,000 - \$3,000,000 (\$2,000,000 likely)			



Annual Cost Summary

	Low	High	Likely (Anticipated)
Cost	\$5,050,000	\$7,450,000	\$6,500,000
Cost/hhld	\$28.00	\$41.50	\$36.00
Revenue	\$1,800,000	\$2,950,000	\$2,000,000
Revenue/hhld	\$10.00	\$16.50	\$11.00
Total Estimated Cost	Requires financing strategy as funding/revenues come later →		\$4,500,000
Total cost/hhld			\$25.00



Multi-year Budget Outlook

3 Year Investment	\$1,300,000	\$3,900,000	\$6,500,000
60% Multi-Year Budget	2020	2021	2022
Blue Box/Blue Cart Recycling	\$0	\$0	\$0
New Recycling Initiatives	\$150,000	\$300,000	\$0
Curbside Green Bin Program	\$200,000	\$2,200,000	\$2,600,000
Multi-Res Organics Pilot	\$500,000	\$0	\$0
Other Organics Programs	\$300,000	\$0	\$0
Reduction & Reuse Initiatives	\$150,000	\$100,000	\$0
Totals	\$1,300,000	\$2,600,000	\$2,600,000

Potential funding will lower these amounts



2016 Municipal Comparisons

- 49% - Ontario average waste diversion
- 66% Region of York (inc. Markham at 71%)
- 61% County of Simcoe
- 60% County of Dufferin
- 60% City of Kingston
- 50-59% - 16 communities

Source: Resource Productivity & Recovery Authority



Why Waste? **MBNC Cost Comparisons**

2016 Municipality	Cost per Household		
	Collection & Disposal	Diversion	Total
London (existing)	\$89	\$50	\$139
Hamilton (lowest Diversion & GB)	\$150	\$69	\$218
Niagara (Lowest with GB)	\$90	\$102	\$192
Average of 9 GB municipalities	\$127	\$100	\$227
London (60% - likely cost)	\$87	\$86	\$173
London (60% - high cost)	\$87	\$91	\$178

Why Waste? **Next Steps – 60%**

Next Steps	Comments	Timeline
CWC and Council "Approval in Principle"	<ul style="list-style-type: none"> CWC Meeting – July 17 Council - July 24 	July 2018
Seek Community Feedback on Action Plan	<ul style="list-style-type: none"> Interactive WhyWaste website Circulate to Stakeholder Groups Attend Gathering on the Green II Presentations to WMCLC and ACE Public Participation Meeting (Sept. 27) 	July to September, 2018
CWC and Council Approval	<ul style="list-style-type: none"> Implementation details and final cost estimates to be provided 	January/February, 2019

Cycling Advisory Committee Work Plan – 2018

Updated June 28, 2018 - Dave Mitchell

Activity	Background	Responsibility	Proposed Timeline	Proposed Budget	Cycling Master Plan Alignment	Link to Strategic Plan	Status
Assist the City in enhancing cycling connections throughout the City to the Provincial cycling network.	<ul style="list-style-type: none"> To be provided through Cycling Master Plan, EA input Explore potential of rail corridor to St Thomas Help define preferred route to attach to Trans Canada Trail in St Thomas 	CAC	2017-2018		<ul style="list-style-type: none"> Action #3 Identifying Touring Loop Routes 	<p>CITY BUILDING POLICIES</p> <p>Elevate London's Profile as a Regional Cultural Centre</p> <p>534 Advance the eco-tourism, agri-tourism, and cultural tourism opportunities available in the city and support linkages to surrounding regional cultural facilities.</p> <p>OUR STRATEGY</p> <p>60 Direction #6</p> <p>10. As opportunities arise, utilize rail corridors as mobility links for transit, cycling, and walking.</p>	Discussion with St. Thomas and Elgin county are currently on hold pending completion of a rail segment

Provide recommendations for better integration of the recreational and commuter cycling networks	<ul style="list-style-type: none"> To be provided through Cycling Master Plan, EA input. Participate in East/West cycle track analysis 	CAC	June-	<ul style="list-style-type: none"> Action #7 Identifying & Enhancing Local Cycling Hubs Action #8 Enhancing Bicycle Parking Action #9 Establishing Performance Measures Action #10 Designing & Implementing Crossings & Transitions 	<p>Our Strategy</p> <p>60 Direction #6 Place a new emphasis on Creating attractive mobility choices</p>	Consulting firm has been announced and information sessions to begin in June
Provide input to CoL Cycling web presence	<ul style="list-style-type: none"> City staff is creating a new web portal on the CoL website specific to cycling 	CAC	Stage 1 Mar-May Stage 2 TBD	<ul style="list-style-type: none"> Action #6 Creating a Cycling Specific Web Presence 		Analysis has been submitted - awaiting content launch and potential for promotion through CAC
Promote safe cycling through education and improved facilities and infrastructure	<ul style="list-style-type: none"> Need to support / initiate City, business and other 	CAC		<ul style="list-style-type: none"> Action #2 Establishing a Winter Cycling Network 	<p>Our Strategy</p> <p>60 Direction #7 Build strong, healthy and attractive</p>	Colborne street cycle track has been implemented - promotion and analysis

	community partner initiatives relating to mapping, bicycle parking, cycling lanes, etc.					<ul style="list-style-type: none"> • Promotional outreach for cycling • Promotion of the Cycling Master Plan 	<ul style="list-style-type: none"> • Action #8 Enhancing Bicycle Parking • Action #9 Establishing Performance Measures 	neighbourhoods for everyone 6. Identify, create and promote cycling destinations in London and connect these destinations to neighbourhoods through a safe cycling network.	<p>Kiwanis park bridge has been implemented - promotion required</p> <p>User friendly version of Cycling Master Plan is still pending</p> <p>Updated Cycling Map is in progress</p>
Addressing Bicycle Theft	<ul style="list-style-type: none"> • Promotion of best practices in bicycle security 	CAC Bike security working group				<ul style="list-style-type: none"> • Action #8 Enhancing Bicycle Parking 			
Provide input and recommendations to Environmental Assessments relating to road and cycling infrastructure to assist in managing and upgrading transportation infrastructure.	<ul style="list-style-type: none"> • EA's provide a primary opportunity to ensure cycling priorities are taken into consideration for new roadworks and 	Ongoing						<p>Our Strategy</p> <p>60</p> <p>Direction #7</p> <p>Build strong, healthy and attractive neighbourhoods for everyone</p> <p>6. Identify, create and promote cycling destinations in London and connect</p>	

	infrastructure projects.						these destinations to neighbourhoods through a safe cycling network.	
Educational Initiatives	<ul style="list-style-type: none"> Attend Share the Road conference 	Rebecca Henderson	April 20	\$200	<ul style="list-style-type: none"> Action #9 Establishing Performance Measures 		Report received	
Recognition Program	<ul style="list-style-type: none"> Dovetail into Mayor's annual recognition awards 	Cycling Award sub-committee					On hold until post election	
Assist in the annual London Celebrates Cycling event	<ul style="list-style-type: none"> Work with city staff and stakeholders to provide a signature event that promotes all components of cycling culture 	London Celebrates Cycling subcommittee	Mar-Jun		<ul style="list-style-type: none"> Action #5 Identifying & Implementing CAN-Bike Program Action #12 Establishing High-Profile Events Action #9 Establishing Performance Measures 	<p>CITY BUILDING POLICIES</p> <p>Support cultural and innovative programming to create a city that exudes innovation, vibrancy, creativity and entrepreneurialism</p> <p>535 - 539</p>	Completed - statistical analysis and follow-up to be completed	

<p>Safe cycling education and enforcement</p>	<ul style="list-style-type: none"> Multiple requests to council recommending non-child cycling on sidewalks indicating a need for a campaign 	<p>CAC</p>	<p>TBD</p>		<ul style="list-style-type: none"> Action #5 Identifying & Implementing CAN-Bike Program Action #11 Enhancing Enforcement 		
<p>Continue to identify / assess specific routes (to be mapped and signed) for key destinations and loops.</p>	<ul style="list-style-type: none"> Continue to support cycling infrastructure at the municipal, provincial and federal levels. Monitor implementation of initiatives identified in the cyclingmaster plan including potential stand-alone initiatives. 	<p>CAC</p>	<p>Ongoing</p>			<p>Strengthening Our Community – 5.1; Building a Sustainable City – 1.a, 2.a, 5.b</p>	

<p>Provide recommendations on operational requirements / improvements which will facilitate cycling</p>	<ul style="list-style-type: none"> Operational priorities (i.e. – street cleaning, snow plowing) need to be established and/or coordinated to ensure key cycling routes are maintained appropriately and that operational activities are not 'out of sync' (i.e. – cleaning streets before sidewalks, then putting all the sand from the sidewalks onto the street & cycling lanes that had just 	<p>CAC</p>	<p>Ongoing</p>			<p>Strengthening Our Community – 5.1; Building a Sustainable City – 1.a, 2.a, 5.b</p>	
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