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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 8, 2015
FROM:	JOHN BRAAM, P.ENG MANAGING DIRECTOR - ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	HOUSEHOLD SPECIAL WASTE PROGRAM UPDATE

RECOMMENDATION

That, on the recommendation of the Managing Director - Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the Household Special Waste Program:

- a) the attached proposed By-law (Appendix A) **BE INTRODUCED** at the Municipal Council meeting of April 14, 2015 to approve the agreement with Oneida Nation of the Thames to provide access for their residents to the City of London's Household Special Waste Depot;
- b) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this matter; and
- c) The remainder of this report **BE RECEIVED** for information.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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Relevant reports that can be found at www.london.ca include:

- Update – Key Solid Waste Management Initiatives (December 16, 2014 meeting of the Civic Works Committee (CWC), Item #12)
- Status Report: Update of Road Map to Maximize Waste Diversion 2.0 (July 22, 2013 meeting of the CWC, Item #14)
- Household Special Waste Program Update (May 27, 2013 meeting of CWC, Item #4)
- Stewardship Ontario Funding of the City's Household Special Waste Program (April 2, 2012 meeting of the CWC, Item #3)
- Stewardship Ontario Funding of the City's Household Special Waste Program (August 16, 2011 meeting of the Community and Neighbourhoods Committee (CNC) Item #6)

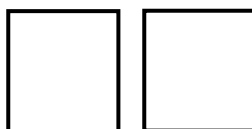
BACKGROUND

PURPOSE

The purpose of this report is to:

- provide a background on the City's Household Special Waste (HSW) Program;
- provide an update on Ontario's Municipal Hazardous or Special Waste (MHSW) Program and the impact on London's HSW Program; and
- seek approval to enter into a new agreement with the Oneida Nation of the Thames that will provide their residents access to the City's HSW Depot.

It should be noted HSW is used to refer to London's Depot and Program as the current and historical name of this facility and program. MHSW refers to London's overall program and the Provincial program to manage municipal hazardous and special wastes.



CONTEXT

London's HSW Depot, one of the longest running permanent depots in the Province of Ontario, opened in 1987 providing a drop-off service for four days that year. The number of annual operating days has steadily increased over the years until in 2010 when it was opened five days per week (Tuesday through Saturday) and remains at that service level. The HSW Depot remains a key component of London's overall HSW Program.

2015-2019 - Strategic Plan for the City of London

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](#)). With respect to this CWC Report, 3 of the 4 Areas of Focus address the management of HSW coupled with related matters:

Building a Sustainable City

- Robust infrastructure
- Strong and healthy environment

Growing our Economy

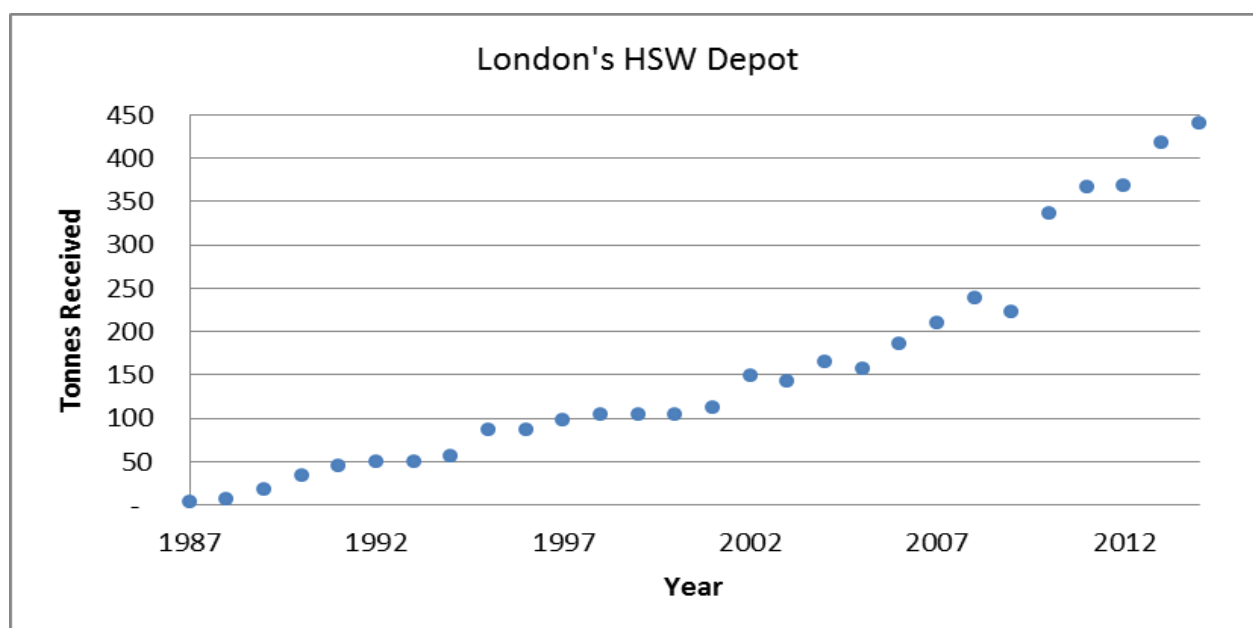
- Strategic, collaborative partnerships

Leading in Public Service

- Collaborative, engaged leadership
- Excellent service delivery

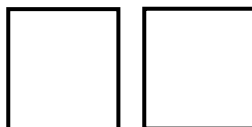
Quantities Managed

In the close to 30 years of operation the number of visitors and materials received at the HSW Depot has increased steadily. The graph below provides a summary of the increase in tonnes received. Additional historical data are located in Appendix B.



Waste statistics and audit data indicate that approximately 800 tonnes (800,000 kilograms) of HSW materials are currently managed by the City of London annually. HSW also includes empty containers, such as paint cans and some empty aerosol containers. These containers are accepted in London's Blue Box Program. In addition to the materials managed by City programs, some retailers have 'take-back' programs to accept a range of materials including paints, batteries and compact fluorescent lightbulbs. Since the recent reduction in stewardship funding some of the retail locations have stopped or reduced the materials accepted.

On the next page is a summary of estimated quantities of HSW in London's residential waste stream that is managed by City programs.



Total Annual Estimated Tonnes of HSW Managed by City Programs¹

Blue Box/Cart Program – Empty Containers (e.g., paint cans, aerosols cans)	HSW Depot (e.g., paint, solvents, batteries, pesticides)	Placed in the Garbage ²	Total HSW Managed by City Programs	% Diverted through City Program (Blue Box/Cart + HSW Depot)
20	440	340	800	58%

¹ Does not include quantities managed by retail Take-it-Back programs

² Quantities are estimated based on waste audit data

At the local level a number of initiatives were identified for further information in the *Interim Waste Diversion Plan, 2014-2015* or *Road Map 2.0* that will extend HSW management services to London residents. These are:

- Expansion of a north end Depot at the Try Recycling facilities (Interim Plan)
- Add vegetable oil and used motor oil to the EnviroDepots (Interim Plan)
- Add single-use batteries to the Blue Box Program (Road Map 2.0 for further investigation 2016-2019)
- Add paint to the EnviroDepots (Road Map 2.0 for further investigation 2016-2019)

HSW Depot Visitors

The HSW Depot at the W12A Landfill is approved to accept HSW materials from the City of London and the geographic area of the County of Middlesex.

The number of users to the HSW Depot over the last decade has averaged 10,000 visitors per year. In 2014 there were 9,900 visitors to the Depot. The stagnation in the number of users is because residents are now able to take some HSW materials (e.g., paint and batteries) back to participating retail outlets for recycling and residents often consolidate their loads with other neighbours when coming to the HSW Depot.

Residents from Middlesex County have been using the HSW Depot since 2003 by agreement. The agreement includes fees that the Middlesex County pays the City to cover the City's costs. The number of users from Middlesex County is less than 10% of the total. There have been no operational issues with Middlesex County residents using the HSW Depot.

It should be noted that Council previously approved (2013) expanding the service area of the HSW Depot to also include Elgin County. Work is underway on this approval.

DISCUSSION

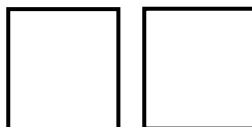
Provincial MHSW Program Update

Background

Ontario's MHSW program began on July 1, 2008 and since starting has seen many changes which are summarized in Appendix C. These changes include both the materials covered, level of funding and role of the municipality. Funding has varied from 25% to 90% of program costs over the years and currently stands at approximately 60% of costs. Appendix B also includes a summary of the different stewardship programs for the various MHSW materials.

Staff continue to participate in extended producer responsibility discussions at the Provincial level thru various organizations (e.g., Association of Municipalities of Ontario, Regional Public Works Commissioners of Ontario, Ontario Waste Management Association) with a focus on stewards increasing payments for products that become MHSW materials.

There have been additional changes to the Provincial program in the last six months with are summarized below.



Funding for some Materials Cancelled

The Provincial program that provided funding to municipalities for certain MHSW materials was cancelled in October 2014. Materials included in the change were rechargeable batteries, fluorescent light bulbs and tubes, portable fire extinguishers and mercury-containing devices.

This program had been in place since July 1, 2010 and included funding a portion of the collection costs and 100% of the post collection recycling/processing costs. The City received approximately \$40,000 to \$50,000 annually. Approximately 90% of this funding was for fluorescent light bulbs and tubes. The 2015 Solid Waste Management budget takes into account the expected reduction in funding.

The Ontario lighting industry has voluntarily offered (through Product Care Association a federally incorporated, not-for-profit, product stewardship company) to manage an interim Ontario LightRecycle program for fluorescent light bulbs and tubes. An investment of one million dollars and a trial time frame of one year to create an industry managed program have been proposed. The fate of this voluntary program is still in discussions between industry, the Ontario Ministry of the Environment and Climate Change (MOECC) and municipalities.

It is expected that at some point the MOECC will make stewards responsible for more of the costs of collection through to final diversion or disposal for the above mentioned materials.

New Provincial Program for Paint and Coatings

In December 2014, Waste Diversion Ontario (WDO) approved a new plan to fund and potentially increase recycling rates for paints and coatings in Ontario. Paints and coatings consist of latex, oil and solvent-based architectural coatings, including paints and stains. This program will be managed by Product Care Association and will replace the current program managed by Stewardship Ontario. A June 1, 2015 start date is anticipated.

Under the new plan, Product Care will continue the collection of paints & coatings (and containers) currently collected plus compensate for the collection of additional types of paint (e.g. aerosol paint). Changes as a result of the new program include:

- municipalities will be reimbursed for paint reuse,
- paints previously excluded will be included in the program (e.g., all aerosol paint cans and marine paints included), and
- more aggressive capture rates.

City staff reported to Committee and Council on a number of occasions that the role of extended producer responsibility (EPR) and the need for increased (not decreased) funding from industry stewards for Blue Box (Blue Cart) recycling, MHSW and other programs is key to these programs being sustainable in the future. City staff also noted that there continues to be uncertainty with EPR funding. It is expected that the current provincial government will likely be looking at modifications to EPR programs and the *Waste Diversion Act* later this year.

New Agreement with Oneida Nation of the Thames

The Oneida Nation of the Thames is located in geographic area of Middlesex County but is not part of Middlesex County government and therefore their residents do not have access to the City's HSW Depot. The Oneida Nation of the Thames has expressed an interest in obtaining access to the HSW Depot for their residents. This would increase the number of visitors to the HSW Depot by less than 1%. There is sufficient capacity to accommodate the additional users.

Attached as Schedule A of Appendix A is the proposed agreement to allow the Oneida Nation of the Thames to use the HSW Depot located at the W12A landfill. The agreement is similar in form to the City's agreement with the County of Middlesex and has been reviewed by the City's Legal Services. Key features of the agreement include:

- annual payment of \$1,090 (\$0.50 per resident) to cover City costs
- insurance requirements
- option to renew on an annual basis if both parties agree

ACKNOWLEDGEMENTS

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

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PREPARED BY:	PREPARED BY:
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PREPARED BY:	RECOMMENDED BY:
JAY STANFORD, M.A., M.P.A. DIRECTOR, ENVIRONMENT, FLEET & SOLID WASTE	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER

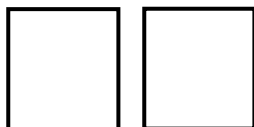
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Appendix A: By-law to Approve an Agreement for Access to the City of London’s Household Special Waste Depot Extended to the Oneida Nation of the Thames

Appendix B: London’s HSW Depot – Historical Data

Appendix C: Overview of the Provincial MHSW Program

c. Martin Hayward, City Treasurer & Chief Financial Officer



APPENDIX A

Bill No.
2013

By-law No.

A By-law to approve an Agreement for Access to the City of London's Household Special Waste Depot extended to The Oneida Nation of the Thames; and to authorize the Mayor and Clerk to execute the Agreement.

WHEREAS subsection 5(3) of the *Municipal Act, 2001* S.O. 2001, c.25, as amended, provides that a municipal power shall be exercised by by-law;

AND WHEREAS section 9 of the *Municipal Act, 2001*, as amended, provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority under this or any other Act;

AND WHEREAS subsection 10 of the *Municipal Act, 2001*, as amended provides that a municipality may provide any service or thing that the municipality considers necessary or desirable for the public, and may pass by-laws respecting same, and respecting economic, social and environmental well-being of the City, and the health, safety and well-being of persons;

NOW THEREFORE the Municipal Council of The Corporation of the City of London enacts as follows:

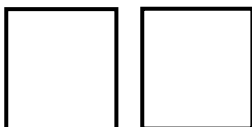
1. An Agreement to be entered into between The Corporation of the City of London and The Oneida Nation of the Thames regarding Access to the City of London's Household Special Waste Depot, attached hereto as Schedule 'A' to this By-law, is hereby approved.
2. The Mayor and City Clerk are authorized to execute the Agreement approved under section 1 of this by-law.
3. This by-law shall come into force and effect on the day it is passed.

PASSED in Open Council on April 14, 2015

Matt Brown
Mayor

Catharine Saunders
City Clerk

First reading – April 14, 2015
Second reading – April 14, 2015
Third reading – April 14, 2015



SCHEDULE A

Agreement with ONEIDA NATION OF THE THAMES

THIS AGREEMENT made the _____ day of _____, YYYY

Between:

Oneida Nation of the Thames
(hereinafter referred to as "Oneida")

-And-

THE CORPORATION OF THE CITY OF LONDON
(hereinafter referred to as "the City")

WHEREAS Oneida would like its residents to have access to the City's Household Special Waste Depot located at the W12A Landfill Site (3502 Manning Drive, in the City of London);

AND WHEREAS Council for the City resolved at its April 14, 2015 meeting to permit residents of Oneida Nation of the Thames located at RR 2, Southwold Township, ON to access the City's Household Special Waste Depot;

NOW THEREFORE THIS AGREEMENT WITNESSES THAT in consideration of the mutual covenants and agreements hereafter and the payment of two dollars (\$2.00) to each other, the receipt and sufficiency of which is acknowledged, the City and Oneida hereto agree as follows:

1. Definitions

"Oneida user": means a resident of Oneida or a small quantity generator located in Oneida who utilizes the City's Household Special Waste Depot for the purpose of disposing of their own household special waste. "Oneida users" shall have a corresponding meaning.

"Household Special Waste (HSW)": shall include corrosive, flammable or toxic products by reference to Consumer Chemicals and Containers Regulations, 2001 made under the *Hazardous Products Act* (Canada); flammable, corrosive or toxicity hazards by reference to CSA Standard Z752-03; corrosive, ignitable, leachate toxic, reactive waste by reference to *Environmental Protection Act* R.R.O. 1990, Regulation 347; batteries; pressurized & aerosol containers; portable fire extinguishers; fertilizers; fungicides; herbicides; insecticides; pesticides; paints & coatings; oil bottles & filters; fluorescent light bulbs or tubes; pharmaceuticals; switches, thermostats, thermometers, barometers & measuring devices containing mercury; antifreeze and solvents used for household purposes by the resident (hereinafter referred to as "HSW").

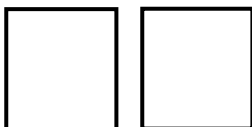
"Small Quantity Generator": means a business that is not required to submit a Generator Registration Report with respect to HSW under subsection 18(1) of Regulation 347, made under the *Environmental Protection Act* (Ontario), as amended from time to time, and generates HSW and does not generate more than 100 kilograms per month of HSW.

2. Term

2.1. The term of the agreement shall be for 12 months, commencing May 1, 2015 and terminating April 30, 2016.

3. Renewal

3.1. This agreement may be renewed for further one year terms upon Oneida providing notice to the City at least 30 days prior to the expiration of the agreement that it wishes to renew the agreement, and upon the City's Managing Director of Environmental & Engineering Services & City Engineer's subsequent notice to Oneida of its wish to renew the agreement.



4. Termination

4.1. This Agreement may be terminated:

- (i) by either party upon 30 days' written notice to the other party; or
- (ii) by the City, on 7 days' written notice to Oneida, upon default of payment by Oneida.

5. City Covenants

5.1. The City covenants:

- (a) to provide Oneida users with access to the W12A Landfill site, located at 3502 Manning Drive, and any facilities established in the future (as determined by the City) for the purpose of managing their HSW, for a fee as hereinafter set out;
- (b) to keep a record of the number of Oneida users.

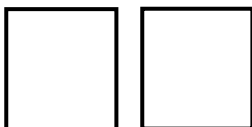
6. Oneida Covenants

6.1. Oneida covenants:

- (a) for the first twelve month term of this Agreement, to pay to the City the sum of one thousand ninety dollars (\$1,090.00);
- (b) in the event that this Agreement is renewed for a further term, to pay to the City an amount per year, as determined by the City, after it conducts an assessment of fees;
- (c) throughout the term of this Agreement, Oneida shall obtain and maintain at its own expense, in a form satisfactory to the Managing Director, Legal and Corporate Services and that includes the City as an additional insured with respect to Oneida's use of the HSW Depot located at the W12A Landfill Site and all its obligations under this Agreement general liability insurance on an occurrence basis in an amount not less than Five Million (\$5,000,000.00) dollars for the entire term of this Agreement. Such insurance policy shall include non-owned automobile liability, personal injury, broad form property damage, contractual liability, owners' and contractors' protective, completed operations, contingent employer's liability, cross liability and severability of interest clauses.
- (d) Oneida agrees that the above-mentioned insurance will not be cancelled or permitted to lapse unless the insurer provides the City at least thirty (30) days advance notice in writing. Evidence of this insurance shall be delivered to the City at the inception of this Agreement and thereafter promptly on the insurance renewal date. The City reserves the right to request such higher limits of insurance or other types of insurance as it may reasonably require; failure to satisfactorily meet these conditions relating to insurance shall be deemed a breach of this Agreement.
- (e) Oneida shall indemnify and hold the City harmless from and against any liability, loss, claims, demands, costs and expenses, of every nature and kind whatsoever, including reasonable legal fees, occasioned wholly or in part whether willful or otherwise by reason of or on account of Oneida's use of the City's HSW Depot located at the W12A Landfill Site, or arising out of any breach, violation or non-performance on the part of Oneida of any covenant or provision in this Agreement, whether arising from actions of Oneida or by its employees, servants, agents, subcontractors or others Oneida is responsible for at law. Such indemnification shall continue in effect after expiry of this Agreement with respect to any matter arising during the use of the City's HSW Depot located at the W12A Landfill Site by Oneida.

7. Terms and Conditions

7.1. The City shall invoice Oneida within 90 days after the commencement of this Agreement, and Oneida shall pay this amount within 30 days of the sending of the invoice.



7.2. Oneida users may have access to the HSW Depot only during its regular hours of operation and only on those days that it is open to the public.

7.3. This Agreement and the privileges contained herein shall not be assigned by Oneida without the prior written consent of the City, which consent may be unreasonably withheld.

8. Notice

8.1. Any notice delivery or payment to the City may be delivered personally or sent by prepaid regular letter mail at the following addresses:

To the City at:

City Clerk
The Corporation of the City of London
300 Dufferin Avenue
P.O. Box 5035
London, Ontario
N6A 4L9
Fax: (519) 661-5793

To Oneida at:

Stacey Phillips, CEO
Oneida Nation of the Thames
2212 Elm Ave
Southwold, ON
N0L 2G0
Fax: (519) 652-9287

8.2. Any such notice, delivery or payment so delivered or sent shall be deemed to be sufficiently given or made and received upon delivery or the next business day following such mailing of the same as the case may be *or the date of transmission if sent by fax.*

IN WITNESS WHEREOF

THE CORPORATION OF THE CITY OF LONDON

Matt Brown
Mayor

Catharine Saunders
City Clerk

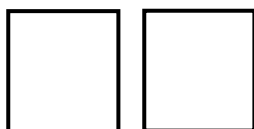
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ONEIDA NATION OF THE THAMES

Sheri Doxtato
Chief

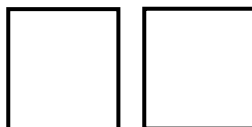
Stacey Phillips
CEO

I/We have authority to bind the Band.



Appendix B
London's HSW Depot – Historical Data

Year	No. of days open	Visitors (vehicles) City of London	Visitors (Vehicles) County of Middlesex	Quantity collected (Tonne)
1987	4	213		3.0
1988	8	401		6.6
1989	9	1,033		17
1990	12	1,696		33
1991	11	2,215		44
1992	12	3,620		50
1993	12	3,868		50
1994	11	3,953		56
1995	15	5,975		86
1996	15	5,062		86
1997	15	5,809		97
1998	15	5,864		103
1999	15	5,732		105
2000	23	3,977		104
2001	31	5,695		113
2002	43	7,110		149
2003	52	7,272	326	143
2004	51	7,812	321	164
2005	50	7,830	410	157
2006	50	9,303	427	186
2007	52	10,425	571	210
2008	115	10,231	696	239
2009	204	9,944	432	223
2010	253	9,097	347	336
2011	253	8,196	106	366
2012	257	8,766	258	369
2013	257	10,253	1340	418
2014	256	8,902	993	441
Total		170,254	6,227	4,353



Appendix C

Overview of the Provincial MHSW Program

Historical Funding

Beginning in June 2008, Stewards (companies responsible for bringing MHSW into the market place) and the Province (Ministry of Environment & Climate Change) have been responsible for a portion of the costs associated with Municipal Hazardous and Special Waste (MHSW) materials. Prior to this time municipalities were responsible for all aspects of collecting and managing MHSW and 100% of the associated costs. The amount funded by the Stewards and the Province has changed several times as shown in Table C-1.

Table C-1: Estimated Approximate Cost Sharing for Different EPR Structures

Period		London	Stewards	Province
a	Up to June 30, 2008	100%	0%	0%
b	July 1, 2008 to June 30, 2010	75%	25%	0%
c	July 1, 2010 to June 30, 2011 – Original Program	10%	90%	0%
d	July 1, 2010 to June 30, 2011 – Revised Program	10%	60%	30%
e	July 1, 2011 to September 30, 2012	30%	45%	25%
f	October 1, 2012 to October 1, 2014	35%	60%	5%
g	After October 1, 2014 - current	40%	60%	0%

Notes:

- a) All costs are paid by Ontario municipalities.
- b) Stewards responsible for post-collection costs of 9 materials representing approximately 50% of materials handled at London's HSW Depot.
- c) Stewards responsible for collection and post-collection costs of 22 materials representing approximately 80% of materials handled (all materials except used oil) and 90% of the costs. Used oil generates revenue and therefore is less expensive to handle than the other materials.
- d) Province assumed responsibility for some of the materials that were added to the program on July 1, 2010 and other materials that were added to the program on July 1, 2011 became the responsibility of the municipality. The Province agreed to temporarily cover the cost of the materials that the municipalities were responsible for.
- e) Stewards responsible for collection and post-collection costs of 9 materials representing approximately 50% of materials and 60% of the costs of the materials handled at London's HSW Depot. The funding agreement covered 45% of the HSW depot costs. Province is responsible for collection and post-collection costs of approximately 20% of materials handled (25% of costs) and the City is responsible for collection and post-collection costs of approximately 30% of materials handled.
- f) The Province revised the funding formulae for many materials and stopped funding a number of materials (Phase 3 materials)
- g) The Province stopped funding a number of Phase 2 materials (e.g., fluorescent bulbs and tubes, portable fire extinguishers)

Current Roles and Responsibilities

As shown in Table C-1, the role and responsibilities of the stewards, the Province and municipalities have changed many times over the years. In addition there have been many changes to the organizations that represent various industry groups. The current roles and responsibilities and stewardship groups responsibility for MHSW in Ontario is summarized in Table C-2.

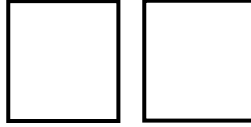


Table C-2: Current Roles and Responsibilities and Stewardship Groups Responsibility for MHSW in Ontario

Summary of MHSW Materials and Stewardship Programs as of March, 2015

Material	% of MHSW by Weight	Drop off locations			Other	Stewardship Program		
		City		Enviro Depot		Organization (Program name)	Funding for Municipalities	
		HSW Depot	✓				Collection	Process/ Recycling
Phase 1 Materials (July 2008)	64%	✓	x	Lowes, Rona	Product Care	✓	✓	
	1.5% (15% of solvents)	✓	x	None	Stewardship Ontario/ Orange Drop	✓	✓	
	2%	✓	✓	Select retail and non-retail locations	Stewardship Ontario/ Orange Drop	✓	✓	
	4% (45% of aerosols)	✓	✓	Empty aerosol containers can be placed in Blue Box	Stewardship Ontario/ Orange Drop	✓	✓	
	0.2% (20% of fertilizers)	✓	x	None	Stewardship Ontario/ Orange Drop	✓	✓	
	0.15% (15% of pesticides)	✓	x	None	Stewardship Ontario/ Orange Drop	✓	✓	
	1.5%	✓	x	Select automotive retail (garage) locations	Stewardship Ontario/ Orange Drop	✓	✓	
	0.5%	✓	✓	Select automotive retail (garage) locations	Stewardship Ontario/ Orange Drop	✓	✓	
	<0.5%	✓	x	Select automotive retail (garage) locations	Stewardship Ontario/ Orange Drop	✓	✓	
	<0.5%	✓	✓	Select retail locations	Call2Recycle (voluntary)	x	✓	
	0.5%	✓	x	None	None	-	-	
	1%	✓	✓	Rona, Canadian Tire	None ^a	-	-	
	<0.5%	✓	x	Select pharmacies	Health Stewardship/ Medication Return Program	x	x	
	<0.5%	✓	x	Select pharmacies	Health Stewardship/ Sharps Collection Program	x	x	
<0.5%	✓	x	Select HVAC commercial locations	CASPA,, CVMA, ARC (voluntary)/ Switch Out Program	x	x		
Phase 2 Materials (July 2010)								

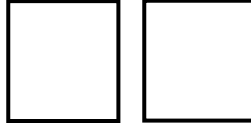


Table C-2: Current Roles and Responsibilities and Stewardship Groups Responsibility for MHSW in Ontario (continued)

Summary of MHSW Materials and Stewardship Programs as of March, 2015

Material	% of MHSW by Weight	Drop off locations			Other	Stewardship Program		
		City		Enviro Depot		Organization (Program name)	Funding for Municipalities	
		HSW Depot	HSW Depot				Collection	Process/ Recycling
Phase 3 Materials	Aerosol containers not included in Phase 1 (e.g. hair spray)	✓		x	Empty containers can be placed in Blue Box	None	-	-
	Corrosive materials not included in Phase 1 (e.g., acids, bases)	✓		x	-	None	-	-
	Flammable materials not included in Phase 1 (e.g., gasoline, solvents)	✓		x	-	None	-	-
	Toxic materials not included in Phase 1 (e.g. household cleaners, pesticides, some glues)	✓		x	-	None	-	-
	Reactive materials (e.g., some auto body repair materials)	✓		x	-	None	-	-
	Fertilizers not included in Phase 1	✓		x	-	None	-	-
	Used Oil	✓		x	Select automotive retail (garage) locations	None	Collector pays for oil	No cost

Notes: a) The Ontario lighting industry has voluntarily offered (through Product Care Association a federally incorporated, not-for-profit, product stewardship company) to manage an interim Ontario LightRecycle program for fluorescent light bulbs and tubes. An investment of \$1M and a trial time frame of one year to create an industry managed program have been proposed. The fate of this voluntary program is still in discussions between industry, the Ontario Ministry of the Environment and Climate Change (MOECC) and municipalities.