



Agenda Green Committee

June 19, 2019

5:30 pm

Municipal Operations Centre

408 James Street South, St. Marys

Pages

1. **CALL TO ORDER**
2. **DECLARATION OF PECUNIARY INTEREST**
3. **AMENDMENTS AND APPROVAL OF AGENDA**

RECOMMENDATION

THAT the June 19, 2019 regular Green Committee agenda be accepted as presented.

4. **ACCEPTANCE OF MINUTES**

4.1 Green Committee Minutes - May 22, 2019

3

THAT the May 22, 2019 regular Green Committee minutes be approved and signed by the Chair and Committee Secretary.

5. **BUSINESS ARISING FROM MINUTES**
6. **REPORTS**

6.1 PW 36-2019 TEXTILE RECYCLING

7

RECOMMENDATION

THAT Report PW 36-2019, Textile Recycling be received; and

THAT the Green Committee recommend to Council that a textile recycling program at the St. Marys Landfill Site be adopted; and,

THAT the Green Committee recommend to Council to direct staff to complete a Request for Proposal for textile recycling at the St. Marys Landfill Site in accordance with Municipal By-Law 36-2012.

6.2 PW 37-2019 MATTRESS AND BOX SPRING RECYCLING

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RECOMMENDATION

THAT Report PW 37-2019 Mattress and Box Spring Recycling be received; and

THAT the Green Committee recommend to Council that a mattress and box spring diversion program be adopted at the St. Marys Landfill Site.

6.3 PW 38-2019 WASTE MANAGEMENT BY-LAW UPDATE

15

7. OTHER BUSINESS

7.1 SINGLE USE PLASTICS

Committee to discuss the recent announcements made by the Federal government re: single use plastics in Canada.

8. UPCOMING MEETINGS

9. ADJOURNMENT

RECOMMENDATION

THAT this meeting of the Green Committee adjourn at



Minutes
Green Committee

May 22, 2019
5:30 pm
Municipal Operations Centre
408 James Street South, St. Marys

Members Present	Lynette Geddes, Chair Katherine Moffat, Vice-Chair Councillor Craigmile Fred Stam John Stevens
Members Absent	David Vermeire
Staff Present	Jed Kelly, Director of Public Works Morgan Dykstra, Committee Secretary

1. CALL TO ORDER

Chair Geddes called the meeting to order at 5:29 PM

2. DECLARATION OF PECUNIARY INTEREST

None declared.

3. AMENDMENTS AND APPROVAL OF AGENDA

Resolution: GC-2019-05-01

Moved By Councillor Craigmile

Seconded By F. Stam

THAT the May 22, 2019 regular Green Committee agenda be accepted as presented.

Carried

4. ACCEPTANCE OF MINUTES

Resolution: GC-2019-05-02

Moved By K. Moffatt

Seconded By Councillor Craigmile

THAT the April 17, 2019 regular Green Committee minutes be approved and signed by the Chair and Committee Secretary.

Carried

5. BUSINESS ARISING FROM MINUTES

Councillor Craigmile spoke with representatives at Bluewater Recycling Association (BRA) and reported back to the Committee that the organization has hired a summer student to provide recycling demonstrations throughout the BRA service area. Councillor Craigmile will provide more information when available.

Geddes asked staff if they have contacted the Salvation Army about the textile recycling units. Staff were unsure, as Dave Blake, the Town's Environmental Services Supervisor is looking after the bins.

6. REPORTS

6.1 PW 32-2019 Forestry Management Plan – Species List

M. Dykstra spoke PW 32-2019 Forestry Management Plan – Species List and responded to questions from the Committee.

The Committee compared bare root and container tree plantings, traditionally, the Town plants bare root trees to save costs and routinely waters the new plantings. Staff have not identified any issues with bare root trees.

The Committee has discussed allowing residents to choose their preferred tree species before the Town plants a tree in the boulevard. J. Kelly informed the Committee that doing so would be a significant administrative burden on staff and delay planting – thus, it is not likely that the Town will allow residents to pick a tree species.

The Committee inquired if residents can pay a portion of the costs to the plant the tree. Staff noted that allowing residents to contribute to costs may be problematic, as there could be disputes about the ownership of the tree.

The Committee asked how the Town determines the number of trees it plants each year. J. Kelly stated that the Town plants three trees for every tree that is removed, and if there is money remaining in the budget then the Town will plant more trees. The Committee asked if the Town can host a day where residents can get trees to plant on private property. J. Kelly responded that the Town's priority is to continue to enhance the public property tree canopy. If the Committee wants to promote a "tree purchasing day," the Upper Thames River Conservation Authority (UTRCA) may wish to partner with the municipality. J. Stevens will reach out to Vanni Azzano at UTRCA and discuss the possibility. In the meantime, once approved, the Town will publicize the tree species list.

Resolution: GC-2019-05-02

Moved By F. Stam

Seconded By J. Stevens

THAT PW 32-2019 Forestry Management Plan – Species List be received; and

THAT the Committee recommend to Council the Proposed Species List.

Carried

7. OTHER BUSINESS

7.1 Elders' Group Meeting

J. Stevens spoke to the need for educational processes to address the changing recycling landscape.

J. Stevens asked the Committee whether the Town can develop a strategy to encourage businesses to recycle by implementing a recognition program. Blue Bayfield has done something similar. The Committee discussed the possibility.

The Committee discussed whether the Town could enact a by-law to ban single-use products like plastic bags. F. Stam and Councillor Craigmile will investigate banning plastic bags and will report back to the Committee.

7.2 Environmental Expo Update

J. Stevens spoke to the update.

The group will be hosting a meeting on May 23, 2019 to determine if they will proceed with the Expo.

7.3 Sparling Bush Update

J. Kelly provided an update regarding Sparling Bush initiatives to the Committee.

Property bars have been staked, and staff are preparing to install property boundary markers. Need to develop long-term solutions to address invasive species for instance, mowed strip to act as a buffer, thickening mulch pathways, install a fence.

9. ADJOURNMENT

GC-2019-05-04

Moved By F. Stam

Seconded By Councillor Craigmile

THAT this meeting of the Green Committee adjourn at 7:05 P.M.

Carried

Chair

Committee Secretary



FORMAL REPORT

To: Chair and Members of the Advisory Committee

Prepared by: Dave Blake, Environmental Services Supervisor

Date of Meeting: 19 June 2019

Subject: **PW 36-2019 TEXTILE RECYCLING**

PURPOSE

To present the Green Committee with updated information regarding a potential textile recycling program for consideration at the St. Marys Landfill Site.

RECOMMENDATION

THAT Report PW 36-2019, Textile Recycling be received; and

THAT the Green Committee recommend to Council that a textile recycling program at the St. Marys Landfill Site be adopted; and,

THAT the Green Committee recommend to Council to direct staff to complete a Request for Proposal for textile recycling at the St. Marys Landfill Site in accordance with Municipal By-Law 36-2012.

BACKGROUND

On September 11, 2018 Town staff presented Council with a Waste Reduction and Diversion Assessment. The Report identified the various waste reduction and diversion programs currently being administered by the Town as well as potential diversion programs that were not currently implemented within the Town (Appendix B of the Waste Reduction and Diversion Assessment).

Appendix B7 identified Textile Recycling as a potential Waste Reduction and Diversion Program and identified Near Term, Mid-Term and Long-Term initiatives for consideration. The Mid-Term initiative stated the following:

“Consideration should be given to developing a textile diversion program to collect and divert material that is not suitable for donation. The Town should seek municipal partnerships and or public private partnerships for an economically sustainable program delivery”.

In February of 2019, Town Staff were contacted by Diabetes Canada about their desire to implement a textile diversion program at the St. Marys Landfill Site.

On April 17, 2019 staff presented report PW 23-2019 Textile Recycling to the Green Committee whereas the following recommendation was carried:

Resolution: GC-2019-04-04

Moved By: D. Vermeire

Seconded By: F. Stam

THAT Report PW 23-2019, Textile Recycling be received; and,

***THAT** staff consult with the Salvation Army regarding the option of having a second textile recycling bin in the downtown area; and,*

***THAT** the Green Committee recommends to Council that a textile recycling program at the St. Marys Landfill Site be adopted in partnership with Diabetes Canada.*

This report provides additional information to the Green Committee following consultation with the local Salvation Army Thrift Store regarding a potential textile recycling program in the Town.

REPORT

Town Staff contacted the local Salvation Army Thrift Store to inquire about a textile recycling container being located within the downtown area, and any questions, concerns or potential implications they may have regarding the program under consideration by the Town as follow-up to Resolution **GC-2019-04-04**.

Through discussions with the store manager, should a second container location be placed within the downtown area that was not in affiliation with the Salvation Army, there would be concerns regarding the potential for reduced material being received at the local store, as well as impacting a source of revenue for the local store and Salvation Army. It was also discussed how public drop off bins are being removed from some public locations due to safety concerns where people have become stuck in the bins seeking shelter and have been unable to get out.

Through discussion, it was also indicated that the Salvation Army would be interested in the possibility of partnering with the Town of St. Marys in regards to a textile recycling program at the St. Marys Landfill Site as well as a potential second location within the downtown area.

Due to the expressed interest from multiple organizations about a potential partnership with the Town of St. Marys regarding Textile Recycling, Staff recommend that the Purchasing By-law (36 of 2012) be followed, specifically Section 7.17 – Request for Proposals which states the following:

“...7.17 A request for proposal shall be issued where the goods, services or construction cannot be specifically defined and it is anticipated that bidders may propose a variety of alternatives to fulfil the Town’s requirements...”

This would enable all interested parties to submit proposals to the Town regarding a potential textile program, how it would be delivered, any costs involved, etc. that would then be evaluated to determine the best option for the Town moving forward.

FINANCIAL IMPLICATIONS

There are no financial implications related to further investigating a potential textile recycling program at the St. Marys landfill site through a Request for Proposal.

SUMMARY

Based on information detailed within this report, and interest from multiple organizations regarding a potential textile diversion program within the Town of St. Marys, staff is recommending that the Green Committee recommend to Council that a textile recycling program be implemented at the St. Marys Landfill site and that a Request for Proposal be administered to enable interested parties to submit proposals for consideration regarding the potential program delivery.

The diversion program has been identified as a potential waste diversion stream through the Waste Reduction and Diversion Assessment for the Town, is supported by the Towns Strategic Plan and would help to reduce the overall volume of waste entering the landfill for final disposal while ultimately controlling costs to the Town.

STRATEGIC PLAN

☒ This initiative is supported by the following priorities, outcomes, and tactics in the Plan.

- Pillar # 1 – Infrastructure, Waste Management Plan:
 - Outcome: With anticipated proactive measures for growth (residential, commercial and industrial), there will be a need for active consideration of optimizing landfill services, but with a view to controlled costs and forward thinking environmental initiatives.
 - Tactic(s): Plan for a new long-term review of waste management, taking account of new and more prescriptive provincial standards. Explore alternatives to status quo waste management with a view to reduction and recycling initiatives for all residential, commercial and industrial properties.

OTHERS CONSULTED

Morgan Dykstra, Public Works Coordinator – Town of St. Marys

Jed Kelly, Director of Public Works – Town of St. Marys

Salvation Army Thrift Store – St. Marys

ATTACHMENTS

None

REVIEWED BY

Recommended by the Department



Dave Blake, C.E.T.
Environmental Services Supervisor



Jed Kelly
Director of Public Works



FORMAL REPORT

To:	Chair and Members of the Advisory Committee
Prepared by:	Dave Blake, Environmental Services Supervisor
Date of Meeting:	19 June 2019
Subject:	PW 37-2019 MATTRESS AND BOX SPRING RECYCLING

PURPOSE

To present the Green Committee with information regarding mattresses and box springs being received at the St. Marys Landfill Site, and potential options for consideration regarding their ongoing management at the Site.

RECOMMENDATION

THAT Report PW 37-2019 Mattress and Box Spring Recycling be received; and

THAT the Green Committee recommend to Council that a mattress and box spring diversion program be adopted at the St. Marys Landfill Site.

BACKGROUND

On September 11, 2018 Town staff presented Council with a Waste Reduction and Diversion Assessment. The Report identified the various waste reduction and diversion programs currently being administered by the Town as well as potential diversion programs that were not currently implemented within the Town (Appendix B of the Waste Reduction and Diversion Assessment).

Appendix B4 identified Mattress and Box Spring Recycling as a potential Waste Reduction and Diversion Program and identified Near Term, Mid-Term and Long-Term initiatives for consideration. The Near-Term and Mid-Term initiatives stated the following:

Near Term:

Consideration should be given to investigating the merit of a Mattress and Box Spring recycling program for the Town, and how such a program could be delivered

And

Med-Term:

Develop a cost effective and sustainable Mattress and Box Spring recycling program. Consideration should be given to potential municipal partnerships, or Public Private Partnerships for a cost effective program delivery.

This report provides information about a potential Mattress and Box Spring recycling program at the St. Marys Landfill Site.

REPORT

In January 2019, Staff began separately tracking the volume of mattresses and box springs being received at the landfill Site to investigate the merits of a potential mattress and box spring diversion program (Near-Term Initiative).

The following table presents the unit counts as recorded from the landfill Site from January 1, 2019 to April 30, 2019:

Month	Mattresses	Box Spring	Total
January	22	11	33
February	35	9	44
March	36	13	49
April	39	16	55
Annual Extrapolation	396	147	543

Note: Annual extrapolation based on total units received in 4 month period multiplied by 3 to depict a 12 month period.

During the first four (4) months of 2019, the landfill site was open a total of 69 days and received a total of 181 units (mattresses and box spring). This equates to an average of 2.62 units per day of operation.

Mattresses are large, bulky items which do not compact well, and provide operational challenges for Site staff. The compacted density of a mattress is approximately 50 kg/m³. In 2018, the landfill site achieved an average in-situ waste density of 546 kg/m³ which helps to illustrate the lack of density that can be achieved with mattresses, and in turn, the volume requirements they have within a landfill.

Based on the above information, staff recommend that a mattress and box spring diversion program has merit at the St. Marys Landfill Site (Near-Term Initiative).

As part of the investigation into a potential program, Staff reached out to various other local municipalities and stakeholder to collect additional information about a potential program. As part of the investigation, staff was in contact with Recyc-Mattress located in Vaughan, Ontario. Recyc-Mattress is the only recycling centre for this type of material in the Province and have been in operation for over 8 years. At current rates, the facility is able to process up to 3 units per minute while extracting eight (8) components from the mattresses for recycling such as but not limited to; foam, wood, metal, plastic, cardboard, felt, etc. Currently the facility is operating at an 87% recycling rate.

During discussions with Recyc-Mattress, it was identified that on average, the annual generation of material from a municipality can be expressed as:

$$(Population/12=Annual\ Generation)$$

With regards to the Town of St. Marys, this would equate to the following:

$$7200/12 = 600\ units$$

When compared to the material tracking through the first part of 2019 at the Landfill Site, this aligns well with numbers being received at the Site and would be reasonable to expect 550 to 600 units to be received at the landfill site annually.

Currently, Recyc-Mattress processes material from, but not limited to the following Municipalities:

Greater Toronto Area Municipalities, Simcoe, Kawartha Lakes, Muskoka, North Perth, etc.

The cost to process material at the recycling centre would be \$12.00/unit with storage and transportation costs being extra. (Please refer to the Financial Implications section for estimated program costing).

For storage and transportation, municipalities have an option on how they store material prior to transportation. Some will store items in a shipping container and then transfer material into a van trailer (53' trailer) for final transportation to the facility, while others will store directly into a van trailer with one of the driving forces being volume when determining the optimal way to store and transport material.

With a van trailer, on average 120 units can be stored on a single trailer. Box springs are placed on the bottom for support with mattresses being stacked 10-11 units high on top of the box spring. Based on this process, it would be anticipated that a van trailer of material would be diverted every 2-3 months from the landfill site.

Based on the above information, the following Options are presented for consideration:

Option 1: Do Nothing

This options is presented as a baseline should the direction be to continue current site options. Under this option, mattresses and box springs would continue to be accepted at the St. Marys Landfill Site and processed under the current site fees (i.e. \$10.00 minimum or per tonne charge). Mattresses and box springs would continue to be disposed of within the landfill site and processed under normal site operations. This option would continue to see vital and valuable space within the landfill be utilized for non-dense compaction of material, shortening the useful life of the Landfill Site.

Option 2: Ban Mattress and Box Springs from the Landfill Site

This option would be to ban all mattress and box springs from being received at the landfill site. This would work to prevent the material from using space within the landfill site while also controlling costs for the Town by preventing any additional program fees.

This option would achieve the ultimate goal of preventing this type of material from entering the landfill site, but would also create a service delivery gap by eliminating a disposal option for residents.

Option 3: Divert Mattresses and Box Spring from landfill through a diversion program

This option would see the Town incorporate a mattress and box spring diversion program at the St. Marys landfill site, with consideration to municipal partnerships to aid in an efficient program delivery. A storage option would be provided at the Landfill Site similar to the Towns existing diversion programs (i.e. Municipal Special and Hazardous Waste (MHSW), Electronic waste, steel, etc.) where customers would be directed to place material in the container. Once the container is full, transportation would be arranged to move the material for final processing.

Based on the above, it is staff's recommendation that a mattress and box spring diversion program has merit at the St. Marys Landfill Site and to further investigate such a program with consideration being given to partnering with local Municipalities for storage and transportation economies of scale.

FINANCIAL IMPLICATIONS

The following is an estimated breakdown of annual fees to be incurred through a potential mattress and box spring diversion program:

Annual estimated container rental fees:	\$4,000.00
Annual estimated processing fees:	\$7,200.00
Annual estimated transportation fees:	\$4,000.00
Total estimate of annual program costs:	\$15,200.00

To offset the costs associated with a potential mattress and box spring diversion program, staff would investigate standalone fees for mattresses and box springs at the landfill site to promote a self-funded diversion program. Through discussions with Recyc-Mattress, it was noted that drop off locations generally charge between \$20.00 and \$25.00 per unit to offset the cost of the diversion program operation.

Note: Financial estimates have been based on the estimate total number of items (box spring and mattresses) which would be anticipated to be received at the landfill on an annual basis (i.e. 600 units). Actual fees for storage and transportation would be further investigated to determine the true cost of operation should the proposed program be recommended for adoption.

SUMMARY

Based on information detailed within this report, staff recommends that the Green Committee recommend to Council that a Mattress and Box Spring diversion program be further investigated for the St. Marys landfill Site.

The diversion program has been identified as a potential waste diversion stream through the Waste Reduction and Diversion Assessment for the Town, is supported by the Town's Strategic Plan and would help to significantly reduce the overall volume of waste entering the landfill for final disposal while ultimately working to control costs to the Town.

STRATEGIC PLAN

☒ This initiative is supported by the following priorities, outcomes, and tactics in the Plan.

- Pillar # 1 – Infrastructure, Waste Management Plan:
 - Outcome: With anticipated proactive measures for growth (residential, commercial and industrial), there will be a need for active consideration of optimizing landfill services, but with a view to controlled costs and forward thinking environmental initiatives.
 - Tactic(s): Plan for a new long-term review of waste management, taking account of new and more prescriptive provincial standards. Explore alternatives to status quo waste management with a view to reduction and recycling initiatives for all residential, commercial and industrial properties.

OTHERS CONSULTED

Morgan Dykstra, Public Works Coordinator – Town of St. Marys

Jed Kelly, Director of Public Works – Town of St. Marys

ATTACHMENTS

None

REVIEWED BY

Recommended by the Department



Dave Blake, C.E.T.
Environmental Services Supervisor

A handwritten signature in black ink, appearing to read 'Jed Kelly', is positioned in the top left corner of the page. The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Jed Kelly

Director of Public Works



INFORMATION REPORT

To:	Chair and Members of the Advisory Committee
Prepared by:	Dave Blake, Environmental Services Supervisor
Date of Meeting:	19 June 2019
Subject:	PW 38-2019 WASTE MANAGEMENT BY-LAW UPDATE

INFORMATION

To present the Green Committee with information regarding the planned update of the Solid Waste Management By-law (71 of 2012) for the Town of St. Marys and to seek input from the Committee.

RECOMMENDATION

THAT Report PW 38-2019 Waste Management By-Law Update be received for information.

BACKGROUND

In 2012, the Town underwent a transition to the way waste management services were delivered. During this time, significant changes were made to the leaf and yard waste program as well as curbside collection of residential waste. As programs and the delivery of those programs have evolved and changed, the need for the by-law to reflect current waste management services and system is imperative.

In addition to some of the evolutions to the collection programs, the initial review of the by-law identified a lack of direction in regards to the Landfill Site and how it is to be governed outside of general Environmental Compliance Approval requirements.

REPORT

In early 2019, Town Staff began a review of the waste management by-law, current service delivery and programs as well as a review of issues or concerns which have come to the forefront over the years since the last by-law was enacted. This review identified a need for the Town to update the solid waste management by-law to better reflect the current waste management programs offered throughout the Town.

The following details a proposed list of items that are to be considered in the planned revision to the Town's Solid Waste Management By-law.

- Formatting for clarity and readability;
- Review of rates, both annual collection fees and landfill site fees;
- Restriction on cell dumping within 30-minutes of site closure
 - This has been identified at the Landfill Site which has caused operational challenges in regards to the Town's Environmental Compliance Approval (ECA) as well as additional staff time to close up the Site.
- Restriction of cell dumping on Saturdays

- This has been identified at the Landfill Site which has caused operational challenges in regards to the Towns Environmental Compliance Approval (ECA) as well as additional staff time to close up the Site.
- Inclusion of Business Recovery systems for power failures and scale down
 - i.e. cost per axle charges / provisions to use waste hauler scale weights, etc. to enable the development of SOPs to allow continued landfill site operations during these times
- Restrictions on the number of wheelie bins for one property (i.e. multi-residential);
 - Provide clarity in the by-law for development applications on when a Site would be permitted the use of Wheelie bins, or be required to adopt a containerized system
- Enhanced conditions around MHSW Material to enable staff stronger means for material receipt and or rejection;
 - Current By-law does not address MHSW materials to level required
- Inclusion of current leaf and yard waste program as administered as well as MOC depots;
 - Program amended in 2017 to have curbside collection 14 times per year per property on a bi-weekly collection cycle + 24/7 drop off depot at MOC;
- Consideration for Green initiatives / incentive programs (i.e. green cone digesters);
- Incorporation of all waste management system rates / fines, etc. into by-law;
 - Waste Management fees removed from the Fees By-law with their planned incorporation into amended Waste Management By-Law.
- Inclusion of E-Waste provisions;
 - Acceptable materials list as an Appendix
- Mattress and Box Spring diversion program;
 - Inclusion of standard costing per unit for acceptance at landfill and provisions for a potential diversion program in the future.
- Textile Diversion Program;
 - Inclusion of potential diversion program into by-law
- Enhancements on scavenging and potential for fines;
- Potential for cashless facility;
- Inclusion of weigh scale system in by-law for clarity and transparency;
- Consideration of reduction in hours of operation on Saturdays.

As part of the by-law review and revision, Staff is requesting feedback and input from the Green Committee on the by-law development. Staff is requesting any comments, suggestions, etc. to be forwarded to the below contact no later than July 12, 2019:

Morgan Dykstra, Public Works Coordinator
mdykstra@town.stmarys.on.ca

A copy of the current Solid Waste Management By-Law (71 of 2012) has been attached herein for reference (Attachment No. 1).

Any comments received will be reviewed for potential inclusion as part of the by-law review process along with above noted proposed changes.

SUMMARY & IMPLICATIONS

Based on a review of the current Solid Waste Management By-Law (71 of 2012), Staff is recommending a updated by-law be developed to better align and incorporate current waste management systems and programs.

There are no financial implications related to the by-law review at this time.

STRATEGIC PLAN

- ☒ This initiative is supported by the following priorities, outcomes, and tactics in the Plan.
- Pillar # 1 – Infrastructure, Waste Management Plan:
 - Outcome: With anticipated proactive measures for growth (residential, commercial and industrial), there will be a need for active consideration of optimizing landfill services, but with a view to controlled costs and forward thinking environmental initiatives.
 - Tactic(s): Plan for a new long-term review of waste management, taking account of new and more prescriptive provincial standards. Explore alternatives to status quo waste management with a view to reduction and recycling initiatives for all residential, commercial and industrial properties.

OTHERS CONSULTED

Morgan Dykstra, Public Works Coordinator – Town of St. Marys

Jed Kelly, Director of Public Works – Town of St. Marys

ATTACHMENTS

Attachment No. 1 – By-Law 71-2012, Solid Waste Management By-Law

REVIEWED BY

Recommended by the Department



Dave Blake, C.E.T.
Environmental Services Supervisor



Jed Kelly
Director of Public Works

THE CORPORATION OF THE MUNICIPALITY OF ST. MARYS
BY-LAW NUMBER 71 of 2012
SOLID WASTE MANAGEMENT BY-LAW

BEING a by-law to provide and regulate a Waste Management System for the Town of St. Marys

WHEREAS Sections 8, 9 and 10 of the *Municipal Act, 2001* authorize the Town of St. Marys to pass by-laws necessary or desirable for municipal purposes, and in particular paragraphs 4, 5, 6 and 7 of subsection 10(2) authorize by-laws respecting public assets of the municipality, the economic social and environmental well-being of the municipality, the health, safety and well-being of persons and the provision of any service or thing that it considers necessary or desirable for the public;

AND WHEREAS the Waste Management System approved by the Council of the Town of St. Marys includes the regulation and provision for the diversion, collection, processing and disposal of Acceptable Waste originating within the boundaries of the Town of St. Marys;

AND WHEREAS section 391 of the *Municipal Act, 2001* provides that the Municipality may impose fees or charges on persons for services or activities provided or done by or on behalf of it;

AND WHEREAS section 9(1) of the *Municipal Act, 2001* provides that Section 11 shall be interpreted broadly so as to confer broad authority on municipalities to enable them to govern their affairs as they consider appropriate and to enhance their ability to respond to municipal issues;

NOW THEREFORE BE IT ENACTED by The Council of the separated Municipality of St. Marys as follows:

1.0 DEFINITIONS

As used in this bylaw, the following terms shall have the meanings indicated:

- 1.1 ASBESTOS WASTE** – shall mean solid waste that results from the removal of asbestos containing construction or insulation material or the manufacture of asbestos-containing products and contains asbestos in more than a trivial amount or proportion;
- 1.2 BOXBOARD** – shall mean non-corrugated cardboard;
- 1.3 BUILDING WASTE** – shall mean broken concrete, masonry, metal, wood and other material resulting from the construction, alteration, repair, demolition, or removal of any building or structure;
- 1.4 BUNDLE** – shall mean and include all material of similar size and composition securely tied together having a dimension no greater than one (1) metre by 0.5 metres by 0.5 metres (40 inches by 20 inches by 20 inches) and not exceeding 22 kilograms (50 pounds) in weight;
- 1.5 COLLECTION UNIT** – shall be outlined in section 2.2 Receptacles;
- 1.6 CONTAINER** – shall mean one of three optional waste wheelie bin containers supplied by Bluewater Recycling Association (BRA) as part of the automated collection service. Small Bin capacity of 120 litres (35 Gallon), medium bin capacity of 240 litres (65 Gallon) or large bin capacity of 360 litres (95 Gallon);
- 1.7 CORRUGATED CARDBOARD** – shall mean and include all material made from corrugated paper, excluding wax-coated cardboard;
- 1.8 COUNCIL** – shall mean the Town Council for the Town of St. Marys;
- 1.9 CONTAMINATED SOIL** – material due to its nature of contamination must be landfilled. This material cannot be classified as hazardous waste and must meet the guidelines of Ontario Regulation (O.Reg.) 347;

1.10 GARBAGE – means discarded material other than:

- a) Bulk Waste;
- b) Hazardous Waste;
- c) Household Hazardous Waste;
- d) Leaf and Yard Waste;
- e) Liquid Waste;
- f) Pathological Waste;
- g) Recyclable Materials; and
- h) White Goods;

1.11 HAZARDOUS WASTE – means:

- a) hazardous industrial waste;
- b) acute hazardous waste chemical;
- c) hazardous waste chemical;
- d) severely toxic waste;
- e) ignitable waste;
- f) corrosive waste;
- g) reactive waste;
- h) radioactive waste, except radioisotope wastes disposed of in a landfilling site in accordance with the written instructions of the Canadian Nuclear Safety Commission;
- i) pathological waste;
- j) leachate toxic waste, all as defined in O. Reg. 347 under the *Environmental Protection Act*;
- k) explosive waste;
- l) PCB waste as defined in O. Reg. 362, R.R.O. 1990 under the *Environmental Protection Act*, and includes a mixture of acute hazardous waste, chemical hazardous waste, chemical hazardous industrial waste, pathological waste, radioactive waste or severely toxic waste and any other waste or material, and any other waste identified as a hazardous waste in any Provincial or Federal statute, regulation, Order in Council or otherwise from time to time;

1.12 HOUSEHOLD HAZARDOUS WASTE – means any household product, material or item labeled as "corrosive", "toxic", "reactive", "explosive" or "flammable", and which is accepted under the Town's household hazardous waste program, if any, in effect from time to time including:

- a) aerosols;
- b) antifreeze;
- c) asbestos;
- d) bulked fuel;
- e) car/vehicle batteries; dry-cell batteries;
- f) fire extinguishers;
- g) flammable liquids;
- h) flammable solids;
- i) fluorescent light bulbs;
- j) halogenated pesticides;
- k) ignitable gas cylinders;
- l) inorganic acids;
- m) inorganic bases;

- n) inorganic cyanides;
- o) inorganic oxidizers;
- p) isocyanates;
- q) large propane tanks;
- r) mercury switches;
- s) non-basic fire suppressants;
- t) non-ignitable gas cylinders;
- u) non-PCB light ballasts;
- v) non-halogenated pesticides;
- w) oil;
- x) oil filters;
- y) organic oxidizers;
- z) paint;
- aa) paint sludge;
- bb) PCB contaminated waste;
- cc) PCB light ballasts;
- dd) pharmaceuticals; and
- ee) small gas cylinders;

- 1.13 NON-COLLECTABLE WASTE** – shall not include garbage as defined, but shall include and mean the following: manufacturer's waste, building waste, sawdust, shavings, or excelsior, swill or other organic matter not properly drained or wrapped, liquid waste, biomedical wastes, hay, straw and manure, night soil, carcass of any animal (other than food waste), live animals or birds, any material which has become frozen to the receptacle and cannot be removed by shaking, large household appliances, large household furniture (couches, chairs etc.), refrigerators, freezers, air conditioners, dehumidifiers, stoves, washers, dryers, dishwashers, furnaces and water heaters; recyclable material and yard waste or garbage containing more than 5% of recyclable material;
- 1.14 COMPOSTABLE BAGS**– shall mean a brown kraft compost type bag having a dimension of no less than 66 centimetres by 91 centimeters (26 inches by 36 inches) and no greater than 76 centimetres by 122 centimetres (30 inches by 48 inches) or certified clear compostable bags with the Biodegradable Products Institute (BPI);
- 1.15 RECYCLABLE MATERIAL** – shall mean all materials accepted in the curbside recycling program provided by the Town and shall include the following: glass bottles and jars, newspapers, magazines, phone books, food and beverage cans, plastic bottles, plastic tubs, mixed paper, corrugated cardboard and boxboard, and as amended from time to time.
- 1.16 SANITARY LANDFILL SITE** – shall mean any area of land at #1221 Water Street South designated as such by the Town to be used for the disposal of waste and as approved by the Ministry of the Environment;
- 1.17 SCAVENGING** – shall mean the unauthorized removal by a person other than the Town or its agent of waste, recyclable material or other refuse that has been set out for collection or special collection programs, or the unauthorized removal of waste, recyclable material or other refuse from in, around or among disposable solid waste at the Site;
- 1.18 SCRAP METAL** – includes but is not limited to:
- a) metal bicycles;
 - b) metal bed frames;
 - c) metal fencing/posts;
 - d) metal filing cabinets;

- e) hot water tanks;
 - f) metal sinks;
 - g) nuts/bolts/nails/screws;
 - h) passenger vehicle tire rims;
 - i) metal desks;
 - j) metal shelves;
 - k) metal lawnmowers;
 - l) metal no longer than 3 metres in length;
 - m) aluminum siding;
 - n) automotive parts;
 - o) pipe fittings; and
 - p) Barbeques excluding propane tanks;
- 1.19 STREET** – shall mean any public highway, road, street, lane, alley, square, place, thoroughfare or way within the Town of St. Marys;
- 1.20 TIPPING FEE** – shall mean the charge levied by the Town at the Landfill Site for disposable waste under the terms of this by-law;
- 1.21 TOWN** – shall mean the Corporation of the Town of St. Marys;
- 1.22 C.A.O.** – shall mean the Chief Administrative Officer for the Town of St. Marys;
- 1.23 USER** – shall mean any person or persons utilizing or depositing waste at the Sanitary Landfill Site;
- 1.24 WASTE** – shall mean garbage, building waste, domestic waste, industrial solid waste, municipal garbage or non-collectable waste and such other waste as may be designated in this by-law.
- 1.25 WASTE GENERATOR** – shall mean any person or persons generating waste in the Town of St. Marys.
- 1.26 WASTE MANAGEMENT SYSTEM** – means facilities and equipment used in and operations carried out for the management of Waste by the Town including but not limited to the planning, collection, handling, transportation, storage, processing, marketing and/or disposal; and may also include Waste diversion programs;
- 1.27 WHITE GOODS** – means:
- a) air conditioners, window mounted and central air systems;
 - b) clothes dryers;
 - c) dehumidifiers;
 - d) dishwashers;
 - e) freezers;
 - f) hot water tanks, drained;
 - g) microwave ovens;
 - h) ovens;
 - i) pool heaters;
 - j) refrigerators;
 - k) stoves;
 - l) water pressure tanks; and,
 - m) water coolers.
- 1.28 YARD WASTE** – shall mean organic material including yard plants and weeds, hedge and shrub trimmings, tree limbs having a diameter of less than 7.62

centimetres (3 inches) and length of not more than 1 metre (40 inches), lawn and garden cuttings, leaves, twigs and other compostable yard items;

2.0 COLLECTION

2.1 The Town shall provide and maintain and / or contract services for a three-stream collection system. Those specific and separate collections are described as Garbage Collection, Blue Box Recycling Collection and Yard Waste Collection.

2.2 Receptacles

(a) Proper receptacles shall be provided by a waste generator

(i) Waste collection containers will be supplied by Bluewater Recycling Association (BRA) for the purposes of putting garbage out for collection.

(ii) For yard waste every householder shall provide and constantly maintain receptacles in proper order and repair for the purposes of sorting and putting out for collection of yard waste and shall conform to the following:

[1] Regular Plastic bags are not an allowable receptacle for yard waste disposal, only certified CLEAR compostable bags with the Biodegradable Products Institute are acceptable.

[2] Each receptacle shall be constructed of a watertight, metal or plastic material with a properly fitting lid.

[3] Each receptacle shall be of a capacity of not less than 30 litres (7 gallons) and no greater than 125 litres (28 gallons).

[4] Each receptacle shall have handles or indentations to facilitate the lifting and emptying of the said receptacle.

[5] Each receptacle plus any yard material contained therein put out for collection shall not have a weight to exceed 20.5 kilograms (45 pounds).

[6] A brown Kraft bag specifically designed for yard waste.

(iii) Recycling wheelie bin carts will be supplied by Bluewater Recycling Association for the purpose of putting recyclables out for collection.

2.3 Preparation for Collection

(a) Items shall be drained of all liquids and be securely wrapped and then placed in a suitable receptacle.

(b) All branches, limbs and brush, excluding Christmas trees shall be stripped and securely tied in compact bundles. No such bundle shall weigh in excess of 20.5 kg (45 pounds) or have a dimension greater than 1 metre (40 inches) in length.

2.4 Placing for Collection

(a) Receptacles set out for collection shall be placed as close to the street curb as possible without obstructing the roadway or sidewalk and in any case the Council or anyone acting under their direction shall have the power to designate the precise point at which the receptacles or bundles shall be placed for collection.

(b) Under no circumstances shall receptacles be placed on roadways, lanes, public driveways or any other area, which is used by vehicles.

- (c) Where it is deemed more convenient in the opinion of the Town to make collection from the rear of the premises, collections may be made by entering lanes or alleys provided that safe access and turning space are available. During winter months pathways must be maintained clear of snow and ice by the owner or occupier. The Town or designate shall have the sole right to determine whether safe access or sufficient turning space is available.
- (d) Containers of garbage shall be set out for collection on such days and at such hours as are fixed by the Council and no person shall place any Container of garbage on the street on any day after the hour fixed for collection. The collector shall not be obliged to make a second call.
- (e) Containers must be placed to the curb before 7:00 a.m. on collection day.
- (f) Containers shall not be set before 5:00 p.m. on the day prior to the day of collection and shall be removed from the roadside by 7:00 p.m. on the day of collection.
- (g) No person, other than the householder or designate, shall pick over, interfere with, disturb, remove or scatter any refuse that has been set out for collection or special collection programs whether contained in a covered container or otherwise except and until the same is removed as herein provided.

2.5 Quantity for Collection

- (a) Maximum Weekly Collection Limits per waste container:
 - (i) Small Waste Container:
Capacity: 120 litres (35 Gallons)
Dimensions: 39" x 20" x 23"
Maximum Weight: 120 pounds
 - (ii) Medium Waste Container:
Capacity: 240 litres (65 Gallons)
Dimensions: 41" x 27" x 28"
Maximum Weight: 220 pounds
 - (iii) Large Waste Container:
Capacity: 360 litres (95 Gallons)
Dimensions: 45" x 29" x 34"
Maximum Weight: 320 pounds

Capacity is deemed to be exceeded when the container exceeds the above referenced weight, or when the waste container lid will not close completely.

2.6 Residential Collection Frequency

- (a) Collections for garbage shall be made once each week. from residents and two times per week from the core area commercial locations and designated outlying businesses. Additional collection requirements shall be made by other means and at the expense of the generator.
- (b) Collection for recyclables shall be bi-weekly for residential collection and weekly for core area commercial collection and outlying businesses.

2.7 General Nuisance

- (a) No person shall suffer or permit within the Town, the accumulation upon his premises or upon lands occupied by him or under his control, or deposit or permit the deposit upon any lands belonging to him or in occupation or under his control, of any garbage, or waste or any other matter or thing which may endanger public health.
- (b) No person shall sweep, throw, cast, lay or direct or suffer any agent or employee to sweep, throw, cast, lay or deposit any ashes, offal, fruit

skins, cinders, straw, excelsior, store sweepings, shavings, paper, dirt, lawn rakings, broken glassware, hand bills, crockery, bottles, carcass of any animal, or waste of any kind whatever, on any land, street, creek, roadway or public place in the Town

3.0 DISPOSAL (SANITARY LANDFILL SITE)

3.1 Public access to the Sanitary Landfill Site shall be limited to hours determined by Council and posted at the site.

3.2 No person shall:

- (a) deposit waste at the Sanitary Landfill Site outside the hours of operation as determined by Council and posted at the site;
- (b) deposit waste other than Recycling Material into the Recycling wheelie bin carts as identified in section 2.2 a) iii).
- (c) deposit any waste at the Sanitary Landfill Site which is:
 - (i) subject waste as defined by Ontario Regulation 347, dangerous and hazardous materials such as poisons, hot live ashes, infected materials, explosives, pesticides, radio-active material, raw animal manure, septic tank pumping's, raw sewage sludge, bulk liquids, semi-solids, industrial process sludge, animal carcasses or parts, biomedical wastes, live animals or birds, substances which may cause personal or environmental problems;
 - (ii) waste generated outside of Town;
 - (iii) of a class or kind which has been designated by the Town as prohibited waste, including tires and appliances containing C.F.C's or freon.
 - (iv) deposit any burning material or set any fire at the Sanitary Landfill Site;
 - (v) deposit waste at the gate or entrance to the Sanitary Landfill Site or at any place other than the place designated for its receipt thereat;
 - (vi) neglect or failure to provide proof of the origin of waste tendered for disposal at the Sanitary Landfill Site when such is demanded, provided that in lieu of providing such proof the person tendering the waste shall remove it without unloading it;
 - (vii) deposit waste at the Sanitary Landfill Site when such deposit has been forbidden by Council or the person for the time being in charge at the Sanitary Landfill Site, on the grounds that the deposit would be contrary to this By-law or on the grounds that the origin of the waste has not been satisfactorily proved;
 - (viii) operate a motor vehicle on the Sanitary Landfill Site;
 - [1] other than on designated roadways or driveways
 - [2] without due care and attention, or
 - [3] at greater than the posted rate of speed.
 - (ix) scavenge or salvage at the Sanitary Landfill Site;
 - (x) transport waste to or at the Sanitary Landfill Site in a vehicle which has not been properly covered and protected in the manner required in the Highway Traffic Act;
 - (xi) deposit waste at the Sanitary Landfill Site while barred from doing so.

- 3.3 Waste not generated within the Town or which does not comply with this By-law shall not be delivered to or unloaded at the Sanitary Landfill Site and, whether unloaded or not, shall be removed by or at the expense of the user seeking to dispose of it.
- 3.4 All waste deposited at the Sanitary Landfill Site shall become the property of the Town and may be salvaged, reclaimed, recycled, disposed of or otherwise dealt with by the Town as the Town may deem fit, subject to the provisions of the Environmental Protection Act but this shall not relieve a user from an obligation imposed by Section 3.2 of this By-law.
- 3.5 No person shall attend at or trespass on the Sanitary Landfill Site except for the purposes of depositing waste or for other lawful business.
- 3.6 The employee designated by the C.A.O. as being in charge of the Sanitary Landfill Site may at any time order any person found scavenging or conducting any other illegal activity on the Sanitary Landfill Site or having no lawful reason to be there, to leave forthwith and if any such person fails or refuses to leave, may call for police assistance and cause trespass charges to be laid. Such persons may be barred from the Landfill Site by the C.A.O. or designate.

4.0 SANITARY LANDFILL SITE FEES

- 4.1 Every user depositing waste at the Sanitary Landfill Site shall pay the tipping fee as set forth in the Town Fee Schedule By-law No. 12 of 2012 or successor, for the disposal of the waste that is in effect at the time of payment. In default of timely payment of tipping fees a user shall be barred from access to the Sanitary Landfill Site pending payment and for a period of fourteen (14) days after payment.
- 4.2 The Town may, from time to time, prescribe rates or charges for the use of the Sanitary Landfill Site and provide for the terms of payment thereof as set out in the Town Fee Schedule By-law No. 12 of 2012 or successor.

5.0 OFFENCES

- 5.1 Every person who contravenes any provision of this by-law is guilty of an offence and on conviction is liable to a fine of not more than \$5,000 for the first offence every day or part thereof upon which such offence occurs or continues and \$10,000 for any subsequent conviction as provided for in the Provincial Offences Act, R.S.O. 1990, Chap. P.33, as amended.
- 5.2 Every corporation which contravenes any provision of this by-law is guilty of an offence and on conviction is liable for every day or part thereof upon which such offence occurs or continues to a fine of not more than \$25,000 for a first offence and \$100,000 for any subsequent conviction.
- 5.3 In this By-law, subsequent conviction means a conviction for an offence that occurs after the date of conviction for an earlier offence under this By-law.

6.0 REPEAL

- 6.1 By-law 69-2011 is hereby repealed.

7.0 CONFLICT WITH ANOTHER MUNICIPAL BY-LAW

- 7.1 In the event of a conflict between the provisions of this by-law and any other bylaw of the Town, the provision that establishes the higher Standard to protect the health, safety and welfare of the general public shall prevail.

8.0 VALIDITY

- 8.1 If a court of competent jurisdiction declares any subsection, section or part of this By-law invalid, it is the intention of Council that the remainder of the By-law shall continue to be in force.

9.0 SEVERANCE

- 9.1 The clauses, schedules and parts of schedules of this by-law shall all be severable and any part of any of the schedules hereto annexed may be by by-law altered by adding thereto or deleting therefrom;

READ a first and second time this 18th day of December, 2012

READ a third and final time and passed this 18th day of December, 2012


STEVE GROSE, MAYOR


KEVIN MCILLWAIN, C.A.O./ CLERK

BY-LAW NUMBER 70 OF 2012

CORPORATION OF THE TOWN OF ST. MARYS

BEING a by-law to adopt the Fee Waiver Policy for the Town of St. Marys

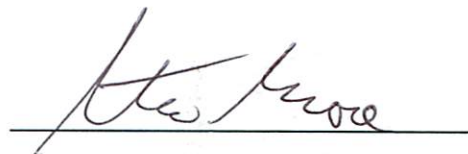
WHEREAS the Council of the Town of St. Marys deems it advisable to establish policies and procedures from time to time;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF ST. MARYS hereby enacts as follows:

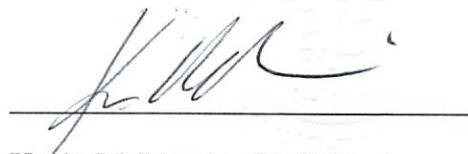
1. That Policy COR-P-010, being the Fee Waiver Policy for the Town of St. Marys be adopted.

Read a first and second time this 18th day of December 2012.

Read a third and final time and passed this 18th day of December 2012.

A handwritten signature in black ink, appearing to read "Steve Grose", written over a horizontal line.

Steve Grose, Mayor

A handwritten signature in black ink, appearing to read "Kevin McLlwain", written over a horizontal line.

Kevin McLlwain, CAO/Clerk