



Township of Frontenac Islands

Waste Recycling Strategy

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1. Introduction

This Waste Recycling Strategy is a comprehensive assessment of the existing recycling programs operated by the Township of Frontenac Islands and a guide for changes and improvements. While many practices will remain unchanged, new initiatives are considered that would result in increased levels of service, efficiency, and stewardship in various sectors. Some recommendations are immediate while others will guide the Township's decision making process over the next five years. This strategy should be reviewed and updated regularly.

This project has been delivered with the assistance of Waste Diversion Ontario's Continuous Improvement Fund, a fund financed by Ontario municipalities and stewards of blue box waste in Ontario. Notwithstanding this support, the views expressed are the views of the author, and Waste Diversion Ontario and Stewardship Ontario accept no responsibility for these views.

2. Overview of Planning Process

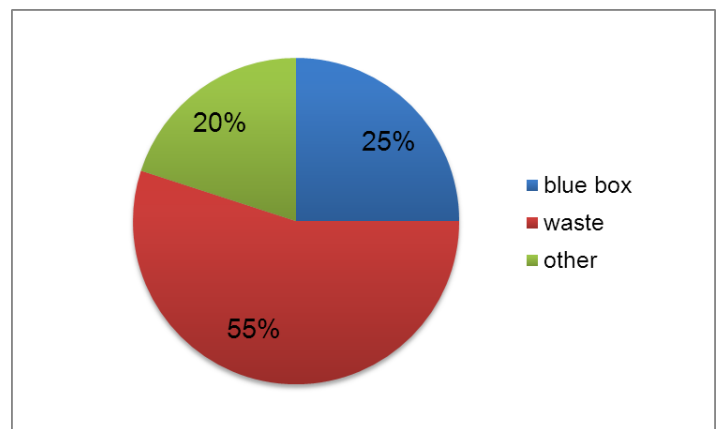
This Waste Recycling Strategy was initiated by Township staff in the spring of 2013. The creative process has been guided by members of staff and Township councillors, with assistance from consultants from AECOM Canada Ltd. Funding for this Strategy has been provided by the Continuous Improvement Fund through Waste Diversion Ontario and through the Township's general tax roll.

Background research and initial evaluations were carried out by staff and consultants. Public consultation and feedback are incorporated in the later phases of the strategy preparation.

3. Definitions

Although waste management is not a highly technical field, there are some industry-specific terms which have meanings that may not be immediately apparent. As many of these terms are used throughout this report, a brief list of definitions is included in this section.

- **Waste** includes all materials that an individual discards in day-to-day life. This is a broad term which includes recyclables, compostable, re-usable material, and garbage.
- **Waste Disposal Site** is a municipal facility where garbage is permanently disposed of, usually buried. The term is often interchangeable with landfill, though waste disposal sites typically include other facilities such as separate collection areas for recyclables.
- **Waste Generation Rate** is the total quantity of waste generated per capita per year. Based on CIF Guidelines for Municipal Diversion, a waste generation rate of 354 kilograms per capita is considered typical for a “Depot Collection South” municipality like Wolfe Island or 352 kilograms of waste per capita per year for a “Rural Collection South” municipality, like Howe Island. For this report we have assumed a waste generation rate of 353 kilograms of waste per capita.
- **Waste to Landfill** is the portion of the total waste stream that is permanently disposed of. For the Township of Frontenac Islands we have estimated this component at 55%.
- **Recyclables** are items which, after disposal, are processed and marketed for their raw material, such as aluminum, steel, and various types of plastic. Recyclables do not include reusable materials, such as reusable shopping bags, or hazardous materials which require special processing for safe disposal, such as paint or oil.
- **Blue Box Recyclables** are those materials that are typically collected in blue boxes. For the Township of Frontenac Islands blue box recyclables currently amount to 25% of the total waste stream.
- **Other Diversion** is created by practices such as backyard composting, material reuse, HHW and e-waste diversion and reduction in personal waste generation. Frontenac Islands diverted a total of 20% of all wastes in this fashion in 2012.
- **Household Hazardous Waste (HHW)** is material which would be toxic or damaging if it were to enter the environment. Some examples of HHW are leftover cleaning supplies, paint, motor oil and batteries.
- **E-waste** is discarded electrical and electronic materials such as television and computer parts.



4. Study Area

The primary focus of this study will be the Township of Frontenac Islands and its waste management practices. The Township does not provide or receive services from other municipalities nor is it engaged in any partnerships or joint ventures at this time. This study will briefly investigate the possibility of entering into such partnerships with neighbouring municipalities.

Within the municipal boundaries of the Township the study area can be further divided into the Wolfe Island District and the Howe Island District. Waste management services are different in each district – Wolfe Island maintains a waste disposal site that also serves as a recycling transfer station – residents are required to bring their wastes and recyclables to the waste site. Howe Island does not have a waste disposal site, residents receive road side collection of wastes that are then disposed of off the island. Howe Island maintains a recycling transfer station that residents are required to bring their recyclables to.

Waste management services are area rated to the two districts. Some issues considered in this report will apply across the township regardless of location, while others will require different solutions for each district.

Within the Township there are various sectors, each with its own requirements for waste and recycling management. This report will focus on sectors which the Township is somewhat if not entirely responsible for, including residential sectors and Township owned facilities. This report will also investigate opportunities for assisting local businesses and institutions with their recycling practices although these sectors may be required to make their own arrangements.

5. Public Consultation Process

Public consultation and involvement are crucial to the success of any service strategy. This Waste Recycling Strategy is meant to guide the Township's recycling policy over the coming years and will directly affect how recycling service is offered to the Township's residents. Direct consultation with members of the public will insure that critical issues are addressed and new ideas are considered.

For the purpose of this Strategy, most of the public consultation will be targeted towards specific individuals or groups with a high level of involvement with recycling services in the Township, such as contract managers, institutional directors, and local community leaders. This streamlined approach will provide valuable information while maintaining the scope of this exercise.

Input from the general public was sought through a variety of sources, particularly through the Township's website, during the creation of the strategy. Numerous comments were received and were carefully considered by the steering committee. A copy of the response letter to all participants is included in Appendix A for reference. *No public consultation has been undertaken at the time of this writing, this chapter will be expanded on in the final report.*

6. Problem Statement

Management of municipal solid waste, including the diversion of blue box materials, is a key responsibility for all municipal governments in Ontario. The factors that encourage or hinder municipal blue box recycling endeavours can vary greatly and depends on a municipality's size, geographic location and population.

The key drivers that led to the development of this Waste Recycling Strategy include:

- WDO (Waste Diversion Ontario) Requirements – Municipalities are required to report information pertaining to their recycling program to WDO each year, including qualitative questions regarding the development and implementation of an up to date blue box recycling strategy. In future years, the portion of funding allotted to a given municipality will be increasingly dependent on the implementation of a recycling strategy.
- Increasing Population and Demand – The Township of Frontenac Islands has seen steady population growth over the past decades and anticipates further growth in the future. A larger population will produce more waste and recyclables and existing practices may not be sufficient for the long term.
- Improved Efficiencies – The Township of Frontenac Islands has established the various components of their waste management program one by one over many years allowing different services to operate independently of each other or possibly in conflict. This Strategy will thoroughly review all of the components and their relation to each other and will lead to improved cost and service efficiencies in all areas. Although the primary focus of this report is blue box recycling, many other aspects of waste management have significant effects on the blue box program and will therefore be considered in this strategy.

7. Current Practices and Future Needs

7.1 Community Characteristics

The Township of Frontenac Islands consists of three main islands with ferry service – Wolfe, Howe and Simcoe Islands and numerous smaller islands, all located to the south of the City of Kingston. Frontenac Islands is primarily a rural community with approximately 1,800 residents. There is one hamlet, Marysville on Wolfe Island, where there is a cluster of commercial and institutional development.

7.2 Current Waste Generation and Diversion

The Township of Frontenac Islands reports quantity of wastes and recyclables annually to Waste Diversion Ontario. In addition, the Township retains AECOM to undertake annual operating reports for Wolfe Island Waste Disposal Site. The following statistics are from the Township’s 2011 and 2012 reports.

Table 1. Waste Disposal Statistics

ITEM	2011 (tonnes)	2012 (tonnes)	Two Year Average
Wolfe Island - Waste			
• Landfilled Waste	195.6	195.6	195.6
• Bulky Wastes (exported)	23.4	24.5	24.0
• Total	219.0	220.1	219.6
Wolfe Island - Recycle			
• Blue Box	108.4	197.8	153.1
Howe Island - Waste			
• Garbage Collection	216.5	189.3	202.9
Howe Island - Recycle			
• Blue Box	39.4	30.1	34.8

It has to be noted that Table 1 is not providing a complete picture of waste disposal activity for Frontenac Islands. Frontenac Islands does not provide disposal services for construction and demolition wastes. Howe Island does not provide a pickup service for bulky wastes and tipping fees for bulky wastes at Wolfe Island Recycling Centre are quite steep. There would be a component of the normal waste stream that is not being captured in the above statistics. Similarly, the Township offers diversion services for E-waste, household hazardous wastes, tires and scrap metal but there are no available measurements for these diversions. To provide a better estimate waste generation we have had to use empirical formulas.

7.2.1 Population of Service Area

Statistics Canada provides population data for the Township of Frontenac Island. The total population of Frontenac Islands for the 2011 census is recorded as 1,864. The population of Frontenac Islands increased by only two persons from the previous census in 2006, however growth since 1991 has averaged 1.0% per annum. Allowing 1% growth for the next 20 years results in a future population of 2,320.

In the past, Statistics Canada would provide population data for the former Township of Wolfe Island and the former Township of Howe Island. Although Statistics Canada no longer provides this detail, it is assumed that the ratio has not changed significantly since amalgamation in 1998. Historically, Wolfe Island District has accommodated 70% of the Township’s population.

The Township of Frontenac Islands supports a large seasonal population. Statistics Canada reports 475 “private dwellings not occupied by usual residents” in 2011. Allowing 2.5 residents per household for a period of four months per year results in an equivalent year round population of approximately 300 residents.

Table 2. Population Summary

ITEM	2011	2023
Permanent Population¹	1,864	2320
Seasonal Population (year round equivalent)	300	373
Total Equivalent Population	2,164	2,693
• Wolfe Island District	1515	1885
• Howe Island District	649	808

Notes: 1. Population assumed to grow at 1% per annum

7.2.2 Waste and Recycle Generation

The Continuous Improvement Fund provides guidelines on waste and blue box generation in its “Guidebook for Creating a Waste Recycling Strategy.” A waste generation rate of 354 kilograms per capita is considered typical for a “Depot Collection South” municipality like Wolfe Island or 352 kilograms of waste per capita per year for a “Rural Collection South” municipality, like Howe Island. For this report we have assumed a waste generation rate of 353 kilograms of waste per capita.

For percentage of waste diverted through blue box recycling the Guidebook lists 21% as average for both “Depot Collection South” and “Rural Collection South”.

Table 3. Waste and Recycling Generation

ITEM	Wolfe Island (tonnes)	Howe Island (tonnes)	Total (tonnes)
Waste (2011 population)	534.8	229.1	763.9
Blue Box Recycling	112.3	48.1	160.4

7.2.3 Summary

We conclude this chapter with a comparison of waste quantities generated by empirical formula vs. actual measurement.

Total waste generation is assumed to be 353 kilograms of waste per capita per year. The difference between this value and the measured waste generation is assumed to be waste diversion by good practices such as backyard composting, material reuse, HHW and e-waste diversion, and reduction in personal waste generation. For the Township of Frontenac Islands it has to be acknowledged that the difference also includes diversion of construction and demolition debris and bulky wastes for waste disposal elsewhere.

Table 4. Waste Disposal Statistics Summarized

ITEM	Wolfe Island (tonnes)	Howe Island (tonnes)	Total (tonnes)
Waste	534.8	229.1	763.9
Measured Waste to Landfill	219.6	202.9	422.5
• as a percentage of waste	41%	88%	55%
Measured Blue Box	153.1	34.8	187.9
• as a percentage of waste	29%	15%	25%
Other	162.1	(-8.6)	153.5
• as a percentage of waste	30%	0%	20%

From the above summary we can observe that:

- Wolfe Island residents are doing very well with blue box diversion, diverting 29% of their waste stream. This compares very well to CIF’s average blue box rate of 21% for similar municipalities. Wolfe Island operates a very effective recyclables waste transfer station at its waste disposal site. User records for the past 10 years show that 85% to 90% of waste site users also use the recycling transfer facilities.
- Howe Island residents are generating waste in excess of CIF’s typical waste generation rate. This could be due to a number of factors such as home based businesses. This study may underestimate the impact of seasonal residents.
- Howe Island residents are worse than average at recycling – 15% vs. CIF average of 21%. Howe Island offers residents road side pickup of garbage, however residents are required to bring their recyclables to a depot facility. To achieve maximum diversion, recycling services should be at least as convenient as waste disposal services.

7.3 Potential Diversion Rate

According to CIF, the average residential blue box waste diversion rate for municipalities of the size and location of Frontenac Islands is 21%. The Township’s blue box recycling diversion rate, at 25%, exceeded the CIF average. However, Howe Islands blue box diversion rate was lower than average at 15%. A 30% recycling diversion rate would be a reasonable goal for the Township to strive for over the next 5 years. This goal will be achieved through improvements to recycling services on Howe Island, inclusion of new recyclable materials, and ongoing public education.

The Township's total diversion rate (blue box plus other) is estimated at 45%. The Province of Ontario has set a total waste diversion goal of 60%, though achieving this rate almost always requires a three-stream collection of waste, recycling, and kitchen organics. A reasonable goal for total diversion for the Township of Frontenac Islands would be 50% which can be achieved through improvements to the blue box program and other diversion measures.

7.4 Existing Programs and Services

7.4.1 Collection and Transfer

Wolfe Island District provides a depot type collection service for its residents. Residents are required to bring their waste and recyclables to the Township operated waste disposal site and recycling transfer station near Marysville. The site is conveniently located and very well used, records indicate approximately 29 visits per household per year.

Wastes are disposed of on site. Diversion programs have been established for hard plastics, scrap metals, tires, bulky wastes, reusable clothing, returnable bottles and blue box recyclables. Recyclables are periodically collected by Manco and processed at their facility in Napanee. The total cost of the Manco contract was approximately \$14,200 in 2012. The Township receives no rebates for the recyclables.

The Wolfe Island Recycling Centre is restricted to a small area, but operates smoothly and efficiently except during periods of peak use. Maintaining a clean site, including pickup of windblown litter is a challenge, however no immediate improvements are recommended. Eventually the waste disposal area will be closed and the site will be converted to a waste transfer station. Plans for the conversion are currently being developed.

Howe Island District does not have the convenience of a municipally owned waste disposal site. Garbage is collected roadside and hauled to the Waste Management transfer facility in Kingston. Garbage pickup is once weekly and the garbage route is on Township roads only – residents of private lanes have to bring their garbage to a main road for collection. Some residents have constructed waste bins at the main road to hold bags for pickup.

The Township operates a recycling depot at the municipal works yards on Howe Island. The depot is open on Saturdays all year and on Thursday evening in the summer. Separate bins are provided for scrap metal, mixed paper, containers, and e-waste. Recyclables are picked up by Manco, the total cost of the Manco contract was approximately \$5,400 in 2012. Again, the Township receives no rebates for recyclables.

The bins at Howe Island Recycling Depot, except for the scrap metal bin, are secured by lockable doors. This has not been effective. Both the containers bin and the e-waste bin have been broken into by thieves looking for marketable products. The depot is a challenge to keep clean as some residents have used it during off hour for disposal of all types of waste. If the depot operation is to continue it needs to be fenced. Access to the site should be closer to the road so that persons trying to enter during off hours are visible to passers-by.

Photos of existing waste management facilities can be found in Appendix A to this report and information on waste management services, as provided by the Township website – can be found in Appendix B.

7.4.2 Processing

The processing of recyclables is included in the contract with Manco.

The Township is limited in its ability to expand the list of materials that are accepted for recycling – basically the Township can only accept materials that the recycling contractor will take. Manco currently accepts all common blue-box materials excepting #6 Styrofoam and Polycoat cardboard. Manco requires that recyclables be separated into two streams, fibres and co-mingled containers.

There are exceptions – the Township has made separate arrangements to collect scrap metal and e-wastes at both recycling facilities. Wolfe Island District also separates large plastic items for diversion.

7.4.3 Administration

Waste management services are managed by several different township staff – the Township CAO, Deputy Clerk, Road Superintendent and Waste Site Operator all play a role. The Township would benefit from concentrating these duties with one person, however, given the size and geography of the Township this may not be feasible.

7.4.4 Household Hazardous Waste

The Township offers access to the permanent HHW transfer facility in Kingston. Residents must pick up a form available at both township office's and pay a nominal fee of \$ 33.90.

7.4.5 Electronic Waste

The Township offers electronic waste depots at each of its recycling facilities. The e-waste is stored in secure, weather proof containers and periodically collected and hauled away by a private contractor. The e-waste program is funded through the general tax levy and the Ontario Electronic Stewardship program.

7.4.6 Tires

The Township is a registered collector with the Ontario Tire Stewardship. Wolfe Island residents may bring used tires to the Wolfe Island Recycling Centre. The transfer and processing of used tires is provided by the Ontario Tire Stewardship at no cost to the Township.

7.4.7 Organics

The Township does not offer disposal or transfer of organics at either of its waste disposal facilities.

7.4.8 Promotion and Education

Much of the Township's Promotion and Education (P&E) information is provided through the Township website and through handouts available at the municipal offices in both districts.

7.4.9 Funding

The majority of the Township's waste management program is funded through the general tax roll. Disposal fees are required for certain large item at Wolfe Island Recycling Centre. The Township receives revenue grants from Waste Diversion Ontario which are intended to offset the cost of recycling.

7.5 Anticipated Future Needs

The population of Frontenac Islands is expected to increase at a steady rate of 1% per year over the coming years. With increased population there will be increased garbage and recycling production. The gradual population increase, however, will allow the Township to accommodate the growth.

Landfill capacity on Wolfe Island is expected to be consumed within the term of this strategy. It is expected that the waste disposal site can be converted to a waste transfer station with little impact on site users. However, with the additional cost of haulage and tipping fees, the Township will be motivated to maximize diversion initiatives.

Increased interest in recycling, both from the general public and from oversight agencies such as WDO, will certainly be a driving force for ongoing assessment and improvements in the Township's management program. As recycling gains prominence in the public sphere, and funding is increasingly allocated based on management practices, recycling will gain a higher priority on the municipal level. This will affect the scope of recycling, the approach to new opportunities and services, and attitudes towards cost vs. benefits.

8. Goals and Objectives

8.1 Diversion Goals

There are two approaches to increase waste diversion – increase the amount of diversion through existing programs, or initiate new programs. The two are not mutually exclusive and the Township should pursue both to reach their goals.

Currently, Frontenac Islands diverts 25% of its total expected residential waste generation through ‘blue box’ recycling and a further 20% through other diversion such as composting, hazardous waste and e-waste recycling, material reuse and personal waste reduction – simply ‘making less garbage’.

WDO Guidelines indicate that the average blue box recycling diversion rate is between 21 and 28% across the province, and usually closer to 25% for municipalities of Frontenac Islands size and setting. A recycling diversion rate of 30% is feasible, though challenging, and would make the Township a leader in blue box management. A 5% increase equates to 38.2 additional tonnes of material or 20 kilograms per person per year.

A further 1 or 2% total diversion increase may be gained from increased participation in HHW, e-waste, and yard waste programs. Reduction in personal waste generation is difficult to measure and for the municipality to influence as the diversion would occur well before the point where the Township is involved.

8.2 Service Objectives

The Township of Frontenac Islands provides garbage and recycling services to all its residents and is committed to maintaining this level of service, if not better, in future years. Whether services are provided by the Township itself or through contractors may be adjusted from time to time.

9. Recommended Changes

9.1 Diversion Initiatives

Waste Diversion Ontario has identified three specific initiatives that have been proven successful at diverting waste from landfill in other municipalities:

1. Introduction of user fees or increased user fees,
2. Mandatory use of clear plastic garbage bags, or
3. Reductions in level of service.

The Township of Frontenac Islands does not currently charge for disposal of garbage. The introduction of bag tags could be an effective means to encourage residents to recycle more. Consideration could be given to the implementation of a bag tag program if the municipality is not successful in meeting its objectives by other means.

Mandatory use of clear plastic garbage bags, combined with a prohibition on disposal of recyclables, has been implemented by numerous local municipalities – North Frontenac, Stone Mills, Westport and Rideau Lakes for example. The results have been mixed - to be successful the municipality must ensure that the ban on recyclables is being enforced by collection crews and waste site attendants. There would be issues with this option for Frontenac Islands – the ability of a single landfill attendant to observe all of the waste and recyclables that come in on a busy

day, for example, or the ability to assign ownership to wastes that have been placed in a road side bin on Howe Island. This option is suggested for consideration after all other options have been eliminated.

A reduction in the level of waste management services provided by a township to its residents can be effective if the reduction has the effect of encouraging residents to recycle more of their wastes. Examples of a reduction in the level of service would be the elimination of “spring cleanup days” or a reduction in garbage pickup from twice a week to once a week. Waste management services currently provided by Frontenac Islands are considered minimal, there are no obvious opportunities for reduction.

9.2 Collection

The Township of Frontenac Islands offers depot style collection services on Wolfe Island and this service is expected to continue into the foreseeable future, even after the waste site is full. This “one stop” service has proven to be successful in maximizing participation in diversion programs.

The Township offers road side pickup of garbage and depot collection of recyclables on Howe Island. Diversion rates are not as good as the provincial average for similar Townships. It is generally acknowledged that, to be successful, recycling programs must be as convenient to use as disposal programs. It is recommended that Howe Island expand its collection services to include recyclables.

Should the Township choose to provide road-side collection of recyclables on Howe Island then a decision on the future of Howe Island Recycling Depot will be required. It is noted that Howe Island residents have other options for disposal of scrap metal and e-wastes. Kimco maintains bins for the disposal of scrap metals at their facility on Counter Street in Kingston. E-wastes can be returned to any of the large electronic stores in Kingston, plus there are numerous locations where bins are provided and available at convenient hours. Consideration should be given to closing down the Recycling Depot.

9.3 Processing

The Township of Frontenac Islands is not large enough to maintain its own municipal recycling facility, the Township currently has a contract with Manco for processing of blue box materials. As a result, Manco determines the materials that the Township can collect for recycling. Manco is the most active of several recycling firms in the Kingston area. Township staff should be vigilant for opportunities to tender recycling services to other providers. The selection of a recycling firm should be based on price and volumes (i.e. range of items) to be recycled.

9.4 Administration

Waste Management in the Township of Frontenac Islands will continue to be overseen by the CAO and Roads Superintendent. The Township would be aware that its limited staff does not have a lot of time to devote to this service. The Township should seek opportunities to join forces with other municipalities when this can work to its advantage. Recent discussions at the Frontenac County Public Works Manager level have shown promise in this regard.

9.5 Promotion and Education

The Township will continue to provide service guides and informational handouts to residents free of charge. These materials, as well as the Township website, should be reviewed on a bi-annual basis to ensure correctness and clarity.

The Township will provide informational material at its recycling centre and depot including clear signage to assist site users.

With the assistance of WDO's Community Improvement Fund for small program promotion and education implementation the Township will implement a program relating to the implementation of this Waste Recycling Strategy. This campaign will outline the Township's goals for its recycling program and the upcoming changes for residents.

10. Monitoring & Reporting

This Waste Recycling Strategy will be submitted for adoption by Township Council and will be submitted to the Continuous Improvement Fund.

This status of the proposed initiatives and the state of recycling in the Township will be reviewed on an annual basis. The Township will prepare a brief report which will include

- Recycling statistics from the previous year, including blue box diversion rate
- Comparison to the previous year and identification of any trends over several years
- Status of all proposed initiatives
- Identification of any new opportunities

This report will be prepared in conjunction with the annual reports for the three waste disposal sites.

The entire Waste Recycling Strategy will be reviewed and updated every five years. This review will consider changes to the Township population and service demands, local and regional opportunities, effectiveness of initiatives, and the status of recycling across the province. This review will be a substantial undertaking and will be budgeted for in 2018.

11. Conclusion

This Waste Recycling Strategy will be presented for adoption to Frontenac Islands Council and submitted for review to the Continuous Improvement Fund. Upon its acceptance by Council, Township staff will begin the process of implementing the recommended initiatives, some of which may require many months or years to achieve. Of immediate importance is the promotion of this strategy and ongoing public education on the importance of recycling and services offered by the Township.

This strategy is intended to be a guiding document for ongoing improvement and should be considered flexible and adaptable to the changing needs and ambitions of the Township.

This draft document has been prepared for Council consideration and in advance of public consultation. A final document, incorporating Council and public input, will be prepared for Council adaption.

Appendix A

Photos

Wolfe Island Recycling Centre



Photograph 1. ↑
Wolfe Island Recycling Centre



Photograph 2. ↑
Landfill



Photograph 3. ↑
Covered Landfill



Photograph 4. ↑
E-Waste and Recyclables



Photograph 5. ↑
Chipping Operation



Photograph 6. ↑
Returnable Bottles

Howe Island Recycling Depot



Photograph 7. ↑
Howe Island Recycling Depot



Photograph 8. ↑
Mixed Paper



Photograph 9. ↑
Scrap Metal



Photograph 10. ↑
Blue Box Recyclables



Photograph 11. ↑
Cottage Bin



Photograph 12. ↑

Appendix B

Waste Management Information
from Township Web Site



Home » Administration and Finance

Garbage and Recycling

GARBAGE AND RECYCLING

For hazardous material disposal you must pick up a form available at both township office's and pay a nominal fee of \$ 33.90 before you take your materials into the Kingston Area Recycling Center (KARC) on Lappan's Lane.

WOLFE ISLAND

Waste Site is located at Wolfe Island Recycling Center.

Disposal Fees: The following fees must be paid prior to off loading items, and a receipt must be obtained.

Washers, dryers, water tanks, other metal tanks - \$10.00

Refrigerators, freezers, air conditioners, dehumidifiers - \$30.00

Computers, televisions, Microwaves, BBQ's - \$10.00

Furniture:

Couches - \$30

Chairs - \$20.00

Mattresses - \$20.00

Regular hours

Mon. Wed. Sat. from 9:00am to 5:00pm

Sun. June – Sept 9:00 am to 5:00 pm

Recycling:

Recycling center is located at the Recycling Center and is open the same hours.

Recycling is available for the following types of items;

Plastic/ Aluminums and Steel Cans for the compactor

Only loose items are to be placed in the compactor

- Aluminum and steel food and beverage cans
- Aluminum trays and foil
- Plastics # 1 through 7 only (check bottom of the item)
- Plastic bags i.e.; grocery bags, frozen fruit and vegetable bags, milk bags/milk pouches

(Do not put Styrofoam or other plastics items such as chairs, toys, siding, or pipes in bin)

Paper Products

Newspaper

Telephone books

White paper

Catalogues
Coloured paper
Paperback books
Magazines
Coloured flyers
Books-Hard covers removed

Boxboard- No Wax Finish

Cereal/Cracker boxes
Paper Towel Tubes
Toilet Paper Tubes
Frozen food boxes
Milk/juice cartons
Drink Trays
Juice Boxes
Greeting Cards
Egg Cartons

Please do not include Gift Wrap

Corrugated Cardboard-No Wax Finish

Please flatten all boxes, as un-flattened boxes unnecessarily fill up container too quickly

Glass bottles and jars – Clear and Coloured

Mirrors, broken and window glass are now accepted
Porcelain sinks and Toilets are accepted at a designated area
All items must be loose in container with caps removed
Please do not include florescent bulbs because these are considered hazardous waste

HOWE ISLAND

Garbage is picked up every Monday morning and must be put out by 8am. There is in no bag limit although residences with an excessive number of bags each week will be investigated.

The exceptions to this are the following statutory holidays

Regular pick up Monday February 18, 2013 is moved to Tuesday February 21, 2013

Regular pick up Monday May 20, 2013 is moved to Tuesday May 21, 2013

Regular pick up Monday July 1, 2013 is moved to Tuesday July 2, 2013

Regular pick up Monday September 2, 2013 is moved to Tuesday, September 3, 2013

Regular pick up Monday October 14, 2013 is moved to Tuesday October 15, 2013

Recycling:

Recycling center is located beside the Township of Frontenac Islands Office on Howe Island and is open Saturdays from 8:30am to 12pm (noon) year round and is also open Thursdays from 6pm to 8pm between the last week in May to the end of September.

Recycling is available for the following types of items;

See above under Wolfe Island Recycle Centre for materials.

Scrap metal and white goods (appliances containing Freon will not be accepted) can be placed in the Kimco bin.

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