

CIF FINAL REPORT

LARGE BLUE BOX CONTAINERS
CIF PROJECT 553.3

TOWNSHIP OF KILLALOE, HAGARTY AND RICHARDS
COUNTY OF RENFREW, ONTARIO

Prepared for:

WASTE DIVERSION ONTARIO CONTINUOUS IMPROVEMENT FUND OFFICE BARRIE, ONTARIO

Prepared with assistance from

Continuous Improvement Fund and Waste Diversion Ontario





December 31, 2013

Greenview File: 107.13.005



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ACKNOWLEDGEMENT

December 2013

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(s), and Waste Diversion Ontario and Stewardship Ontario accept no responsibility for these views.

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EXECUTIVE SUMMARY

The Township of Killaloe, Hagarty and Richards is a small, rural municipality located in western Renfrew County. In early 2009, the municipality initiated a long-term, Municipal Solid Waste Management Strategic Plan in order to best manage waste generated within the Township of Killaloe, Hagarty and Richards in an economically-feasible and environmentally responsible manner. From initial public consultation events, the municipality and ratepayers identified that reducing the amount of residual waste requiring management was one of the key planning aspects of the project.

The Township of Killaloe, Hagarty and Richards addressed diversion challenges facing small, rural municipalities by developing a Waste Recycling Strategy for the municipality as part of the Municipal Solid Waste Management Strategic Plan. The objective of the Waste Recycling Strategy was to develop strategies and priorities to increase the diversion of waste from the landfill as a pro-active first step in long-range waste management planning for the Township. One of the priority initiatives of the Waste Recycling Strategy was to provide free large Blue Box containers to ratepayers of the Township, in an effort to increase the quantities of Blue Box recyclables diverted from the waste stream

As part of the Township of Killaloe, Hagarty, and Richards Municipal Solid Waste Management Strategic Plan, the municipality sought a partnership with the Continuous Improvement Fund to aid in the diversion of Blue Box materials, and the opportunity presented through the Continuous Improvement Fund for funding of large Blue Box containers. Continuous Improvement Fund Project 553.3 was originally approved on June 3, 2010 and re-approved to account for additional purchase of large Blue Box containers on July 8, 2010. Procurement of large Blue Box containers was finalized in summer 2010 and the order of containers was received on August 27, 2010 and all containers were delivered to households within the municipality by October 6, 2010.

Generally, the net residential marketed tonnes of Blue Box recyclables remained consistent from 2009 to 2012, with slight decreases in tonnage in 2011 and 2012, despite the distribution of large Blue Box containers to all households in the municipality in 2010 as part of CIF Project 553.3. Increases in the diversion of Blue Box materials from 2009 to 2012 are not evident from the tonnage data for the Township of Killaloe, Hagarty, and Richards; however, "light-weighting" of Blue Box-related packaging materials over that time span may be adversely impacting the Township of Killaloe, Hagarty, and Richards diversion rate in a manner beyond their control. General observations by municipal operations staff in 2013 suggest that participation in Blue Box recyclable diversion has increased in the municipality as part of the initiatives put in place by the Township related to the Municipal Solid Waste Management Strategic Plan, including but not limited to the requirements for clear garbage bags and increased bag tag costs as of January 1, 2013.

The Township anticipates that the positive general observations of Township operations staff will be confirmed with the submission of the 2013 WDO Datacall in April 2014.

In the event that other small, rural Ontario municipalities were to undertake a similar project, the Township of Killaloe, Hagarty, and Richards recommends the following for consideration:

- Ensure that adequate promotion and education materials are released to the public prior to project initiation, detailing specifics related to the objectives of the project and anticipated timelines for delivery of large Blue Box containers.
- Time the project such that distribution of large Blue Box containers would be conducted in spring or early summer, so as to benefit from better weather conditions for delivery and to maximize the impact of the project at the time when the most seasonal ratepayers return to the Township for the summer months.

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1.0 Introduction

1.1 INTRODUCTION

The Township of Killaloe, Hagarty and Richards (Township) is a small, rural municipality located in western Renfrew County (Figure 1). In early 2009, the Township initiated a long-term, Municipal Solid Waste Management Strategic Plan (MSWMSP) in order to best manage waste generated within the Township in an economically-feasible and environmentally responsible manner. From initial public consultation events, the Township and ratepayers identified that reducing the amount of residual waste requiring management was one of the key planning aspects of the project.

In partnership with Waste Diversion Ontario's (WDO) Continuous Improvement Fund (CIF), the Township addressed diversion challenges facing small, rural municipalities by developing a Waste Recycling Strategy (WRS) for the municipality as part of the MSWMSP (Greenview Environmental Management Limited [Greenview], 2010). The objective of the WRS was to develop strategies and priorities to increase the diversion of waste from the landfill as a pro-active first step in long-range waste management planning for the Township. One of the priority initiatives of the WRS was to provide free large Blue Box containers to ratepayers of the Township, in an effort to increase the quantities of Blue Box recyclables diverted from the waste stream. On July 8, 2010, the Township received support from CIF for the purchase and distribution of large Blue Box containers to ratepayers on the Township (Appendix A). The finalized WRS for the Township was issued in December 2010 (Greenview, 2010).

Greenview was retained by the Township to assist in the coordination and procurement of large Blue Box containers for distribution to all households within the Township, in relation to CIF Project 553.3. In addition, Greenview has prepared this CIF Final Report, on behalf of the Township, in order to detail the Township's large Blue Box container project, the key findings, and "lessons learned" through the implementation of the project.

2.0 BACKGROUND

The following sections present a summary of the Township with respect to population and households, waste management options, waste management performance, and program challenges.

2.1 COMMUNITY PROFILE

As noted in Section 1.1, the Township is a small, rural municipality located in western Renfrew County (Figure 1). Ratepayers and tourists alike are attracted to the area for its lakes and forests, while tourism and forestry are identified as the primary industries in the Township. Notables feature within and near the Township include, but are not limited to, Bonnechere Provincial Park, Round Lake, and Golden Lake.

Based on the Township's 2012 WDO Datacall submission, the following table represents current population and household data relevant to this report.

Table 1: Population and Household Data - Township of Killaloe, Hagarty and Richards (2012)

| Municipality | Population | Total Households | Single Family Households | Multi- Family Households | Seasonal Households (included in Total Households) |
|---|------------|---------------------|--------------------------------|--------------------------------|--|
| Township of Killaloe, Hagarty and Richards | 2,402 | 1,646 | 1,645 | 1 | 480 |

As part of the Township's MSWMSP and the WRS, the Township recognized the potential for increased Blue Box recyclables diversion within the municipality, and distribution of large Blue Box containers to all households within the Township was deemed to be a priority initiative to promote increased public participation in diversion operations.

2.2 WASTE MANAGEMENT SYSTEM

In 2009, the Township initiated a MSWMSP with the objective of developing a long-range, economically-feasible and environmentally responsible solution for managing solid waste generated within the municipality.

Maximizing diversion was and still remains the Township's primary directive in the MSWMSP. As part of the development of the MSWMSP, the Township expanded the diversion options available to its ratepayers. As of the end of 2013, ratepayers of the Township had the following diversion options available at the two (2) municipal waste disposal sites:

1. Killaloe Waste Disposal Site:

- a. Blue Box recyclables (mixed containers, mixed fibres, and OCC).
- b. Household organics.
- c. Scrap metal and white goods.
- d. Refrigerants.
- e. Waste Tires.
- f. Waste electrical and electronic equipment (WEEE).
- g. Leaf and yard waste.
- h. Automotive batteries.
- i. Automotive plastics (i.e. oil and antifreeze containers).
- j. Single-use batteries.
- k. Re-use centre.

2. Round Lake Waste Disposal Site:

- a. Blue Box recyclables (mixed containers and mixed fibres only).
- b. Household organics.

Additionally, curbside Blue Box recycling operations are completed by the Township on a bi-weekly basis in the village of Killaloe to 324 households. The Township's processing service provider is Beaumen Waste Management in Renfrew, Ontario.

2.3 CURRENT WASTE MANAGEMENT PERFORMANCE

Based on the Township's WDO Datacalls from 2009 to 2012, Table 2 provides a summary of net residential marketed tonnes of Blue Box recycling, total residential waste generated, Blue Box diversion rate, and the related Generally Accepted Principles (GAP) diversion rates:

Table 2: Waste Management Performance Summary (2009 to 2012)

| Year | Total Residential Blue Box Recycling Tonnes (Net Residential Marketed) | Total Residential Waste Generated | Blue Box Diversion Rate (Net Residential Marketed Tonnes / Total Waste Generated) | GAP Diversion Rate |
|------|--|--------------------------------------|---|-----------------------|
| 2012 | 155.39 | 739.75 | 21.0% | 37% |
| 2011 | 155.11 | 688.55 | 22.5% | 37% |
| 2010 | 167.27 | 735.25 | 22.8% | 39% |
| 2009 | 165.30 | 691.16 | 23.9% | 41% |

^{*} Note: Reported tonnages for residential only.

For more detailed information relative to the Township's waste management performance, see WDO's webpage at www.wdo.ca.

2.4 PROGRAM CHALLENGES

Considering the above-noted diversion elements of the Township's waste management operations (Section 2.2) resulting from implementation of the many diversion strategies, improvements in public participation in Blue Box recycling initiatives were determined to be achievable. The Township recognized that providing all households with a free large Blue Box container would contribute to the MSWMSP strategic goals and objectives, particularly with increasing the Blue Box diversion rate and capture rate within the municipality.

On March 16, 2010, the Township Council passed Resolution #3, which approved the Township's participation in a CIF Project 553.3 for procurement and distribution of large Blue Box containers to all municipal households, to be used for the diversion of Blue Box recyclables (Appendix A).

3.0 PROJECT APPROACH

As part of the Township's MSWMSP, the Township evaluated waste diversion alternatives which contribute to a long-range, economically-feasible and environmentally responsible solution for managing solid waste generated within the municipality. With challenges facing small, rural municipalities in Ontario with respect to Blue Box diversion, the Township sought a partnership with CIF to aid in the diversion of Blue Box materials within the Township, and the opportunity presented through CIF for funding of large Blue Box containers was essential to the Township.

The Township submitted a Request for Expressions of Interest for CIF Funding for Priority Projects (REOI) for assistance with large Blue Box container funding in 2010, and received approval from CIF in correspondence, dated June 3, 2010. Further to the approval letter, the Township received further approval from CIF (July 8, 2010) for a revised number of large Blue Box containers (Appendix A).

As such, this section describes the actions taken at each step of the large Blue Box containers project – from initiation to current.

3.1 SET-UP AND IMPLEMENTATION

Following Council Resolution (Appendix A) to proceed with participation in a large Blue Box containers project through CIF, and the application approval process, the Township received their large Blue Box containers on August 27, 2010. The large Blue Box containers were attained by the Township in combination with a significant order for large Blue Box containers placed by the Regional Municipality of Durham in a related CIF program, as directed by CIF.

All large Blue Box containers procured as part of CIF Project 553.3 were distributed to households within the Township by Fall 2010.

3.2 DESCRIPTION OF BLUE BOX CONTAINERS

As part of the Regional Municipality of Durham's request for tender for large Blue Box containers, the Township was able to advise the manufacturer (Norseman Environmental Products) of the Township's preferences for the containers. The particulars were as follows:

- Blue Box Specifications:
 - Size, shape, dimension, capacity.
 - Material Composition.
 - Colour.

o Warranty.

3.3 SET-UP AND IMPLEMENTATION CHALLENGES

The initial goal of the Township was for summer students to deliver the large Blue Box containers door-to-door within the Township; however, due to the delivery date of August 27, 2010, timing was not amenable for the students to complete this task prior to the end of August. As such, full-time Township staff delivered the large Blue Box containers door-to-door following their delivery to the Township, with the final containers distributed on October 6, 2010.

The Township did not experience any other issues with the procurement and distribution of the large Blue Box containers, as the Township promoted awareness of the program through promotion and education (P&E) materials in advance of the Blue Box door-to-door delivery.

4.0 Project Results and Analysis

The distribution of large Blue Box containers to all households within the Township was and continues to be a success. The following sections detail the results as related to the Blue Box diversion aspect of the Township's MSWMSP.

4.1 PROJECT RESULTS

Based on the 2009 through 2012 WDO Datacall reports, the Blue Box material tonnages for pre and post Large Curbside Container implementation are noted in Table 2 (Section 2.3).

4.2 ANALYSIS OF RESULTS

This initiative, along with other modifications to the Township's waste management operations, has been interpreted by the Township to have increased public participation and perception within the Township.

Table 2 (Section 2.3) provides a summary of the Net Residential Marketed Tonnes of Blue Box recyclables diverted from the waste stream pre and post program implementation and related information.

Generally, the net residential marketed tonnes of Blue Box recyclables have remained consistent from 2009 to 2012 (Table 2), with slight decreases in tonnage in 2011 and 2012, despite the distribution of large Blue Box containers to all households in the Township in 2010 as part of CIF Project 553.3; however, the tonnage values do not take into consideration the "light-weighting" of Blue Box materials by manufacturers from 2009 to 2012. Based on the on-going concept of "light-weighting" of packaging materials by the manufacturing industry, it is the Township's position that diversion strategies related to Blue Box recyclables, with a specific focus on the distribution of large Blue Box containers in the Township, has improved waste diversion of Blue Box materials from landfill. In 2013, general observations by Township staff noted increases in apparent participation by ratepayers and related increases to Blue Box tonnages received at the municipal transfer stations at the Killaloe and Round Lake Waste Disposal Sites; the general observations are anticipated to be confirmed in the Township's submission of the 2013 WDO Datacall report in April 2014.

Additionally, and with the institution of a clear garbage bag policy and increased bag tag costs in January 2013, Township operations staff have observed significantly less Blue Box recycling materials in the waste stream.

4.3 LESSONS LEARNED

The Township learned that by providing ratepayers with additional Blue Box capacity to participate in the Blue Box recycling program within the municipality, residents were more likely to contribute to the objectives of the long-term MSWMSP. The main focus of the distribution of large Blue Box containers was to change

public perception and make the diversion of Blue Box materials from the waste stream a "reflex action" for as many ratepayers as possible. Ideally, by providing ratepayers with a larger Blue Box container, it was anticipated that the ratepayers would try to fill it. Based on the lessons learned, CIF Project 553.3 was deemed a success by the Township.

As of the end of 2013, the initiation of all elements of the Township's MWSMSP were considered complete, and the results of their efforts in waste diversion are anticipated to be evident in the data to be submitted as part of the 2013 WDO Datacall for the municipality.

5.0 PROJECT BUDGET

The only delay experienced by the Township regarding their large Blue Box container program was with respect to the project schedule. As noted in Section 3.3, the containers did not arrive in time for summer students to deliver the containers to all households, and as such, the final distribution of all containers was not completed until October 6, 2010.

Otherwise, the Township's total cost submitted to CIF for the large Blue Box container program was generally consistent with the total projected cost.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Township considered CIF Project 553.3 to be a significant component of the Township's MSWMSP and WRS, and was initiated in order to help increase the diversion rate and increase ratepayer participation and capture in the Blue Box program. For the Township, the project was deemed a success.

The value of the distribution of large Blue Box recycling containers from a promotion and education perspective was deemed to be significant in achieving program buy-in from ratepayers. By providing additional storage capacity for Blue Box materials to all households, the Township expects that since their MSWMSP has been completed and all aspects of the plan have been implemented as of the end of 2013, improvements in Blue Box diversion rate and capture rate will be realized.

As discussed in Section 4.2, increases in the diversion of Blue Box materials from 2009 to 2012 are not evident from the tonnage data; however, "light-weighting" of Blue Box-related packaging materials over that time span may be adversely impacting the Township's diversion rate in a manner beyond their control. General observations by Township operations staff in 2013 suggest that participation in Blue Box recyclable diversion has increased in the municipality as part of the initiatives put in place by the Township related to the MSWMSP, including but not limited to the requirements for clear garbage bags and increased bag tag costs as of January 1, 2013. The Township anticipates that the positive general observations of Township operations staff will prove accurate with the submission of the 2013 WDO Datacall in April 2014.

In the event that another small, rural Ontario municipality were to undertake a similar project, the Township recommends the following for consideration:

- 1. Ensure that adequate P&E materials are released to the public prior to project initiation, detailing specifics related to the objectives of the project and anticipated timelines for delivery of large Blue Box containers.
- Time the project such that distribution of large Blue Box containers would be conducted in spring or early summer, so as to benefit from better weather conditions for delivery and to maximize the impact of the project at the time when the most seasonal ratepayers return to the Township for the summer months.

7.0 CLOSING

Greenview has prepared the *CIF Final Report* in accordance with the CIF Final Report Template for the Township of Killaloe, Hagarty and Richards, to document the results of the large Blue Box container procurement and distribution program conducted within the municipality in 2010.

This report is governed by the attached statement of service conditions and limitations (Appendix B).

Respectfully submitted by,

GREENVIEW ENVIRONMENTAL MANAGEMENT LIMITED

Dan Hagan, B.Sc.

Project Manager

8.0 SELECTED REFERENCES

Genivar Consultants LP, 2010. Township of Killaloe, Hagarty, and Richards – CIF Project 262 – Blue Box Recycling Program Best Practices Assessment Report. August 2010.

Greenview Environmental Management Limited, 2010. 2009 Waste Diversion Ontario, Municipal Datacall Summary Report. April 30, 2010.

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pd/prof/details/page.cfm?Lang=E&Geo1=CSD&Code1=3547033&Geo2=CD&Code2=3547&Data=Count&SearchText=Killaloe&SearchType=Begins&SearchPR=35&B1=All&Custom=&TABID=1.

Accessed April 2013.

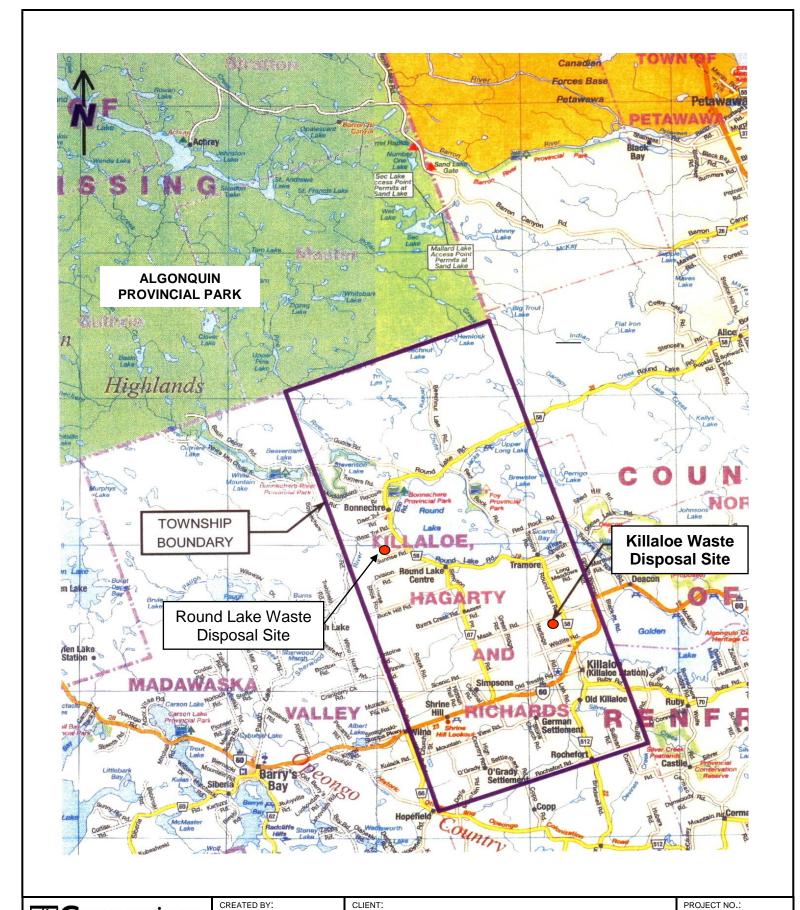
CIF Final Report – Large Blue Box Containers

CIF Project 553.3

Township of Killaloe, Hagarty and Richards

FIGURES







CIF Final Report – Large Blue Box Containers

CIF Project 553.3

Township of Killaloe, Hagarty and Richards

APPENDIX A

Correspondence





TOWNSHIP OF KILLALOE, HAGARTY AND RICHARDS

| March 16, 2010 | Resolution No.: | | | |
|--|-----------------|--|--|--|
| Moved By: Time Cylende | elai! | | | |
| Seconded By: | | | | |
| THAT the Council for the Township supports an application for funding un | | | | |
| Carried: | Not Carried: | | | |

FORM 1: APPLICANT GENERAL INFORMATION

| Municipality or Program Name: | The Corporat | ion of the Township of Killaloe, Hagarty and l | Richards |
|----------------------------------|---------------|--|-----------|
| Project Contact (name and title) | Lorna Hudde | r, CMO, CAO/Clerk - Treasurer | |
| Mailing Address: | 1 John Street | , PO Box 39 | |
| Email Address: | khr@on.aibn. | com | |
| Phone Number: | (613) 757-23 | 00 | |
| Fax Number: | (613) 757-36 | 34 | |
| URL (if applicable): | | | |
| Check which project(s) you are | applying for: | | |
| Best Practices | | | District. |
| ➤ Waste recycling plans | FORM 2 | Energy efficiency in WM facilities | FORM 6 |
| 🗵 Large curbside containers | FORM 3 | Public space recycling | FORM 7 |
| Multi-residential capacity | FORM 4 | ☐ MRF upgrades | FORM 11 |
| Co-operative marketing | FORM 5 | Transfer station upgrades | FORM 11 |
| Innovation | | Communications | |
| Automated collection | FORM 11 | Multi-residential | FORM 9 |
| Polystyrene densification | FORM 8 | Small municipality | FORM 10 |

Work through the Form(s) to fill in as many details as you can. Contact a CIF staff member, if/as needed to complete remaining portions. Be sure to review the Form(s) and that you have filled in every field not marked as "Optional" and that all information is complete and correct. Please check which (if any) supporting documentation is attached to this submission that will help describe or support your project.

Continuous Improvement Fund Closing Date: March 22, 2010 at 4:00 p.m.

| Supporting d | ocumenta | tion attacl | ned: | | 8,111.00 | | |
|---|----------|-------------|---|------|-------------------------------------|------------------|-----------------|
| ☐ Collection records☐ Processing records☐ Contracts, agreements☐ WM planning documents | | | □ Energy Efficiency Report □ Staff reports (to Council, etc.) □ Council resolutions □ Other - please specify | | | | |
| Other – please specify Summary letter of support | | - | | | Other - please | specify | |
| Dated at | Kil | laloe | this | 22nd | day of | March | , 2010. |
| I/We have Corporation | the au | thority to | o bincl | | a Hudder ume of Respond | lent) | |
| | | | | CAO, | gnature of Auth Clerk - Treasure | orized Signing (| Jan Officer) |

Continuous Improvement Fund Closing Date: March 22, 2010 at 4:00 p.m.



July 8, 2010



Township of Killaloe, Hagarty and Richards 1 John Street, P O Box 39 Killaloe, Ontario K0J 2A0

Attention: Ms. Lorna Hudder, CMO, CAO/Clerk Treasurer

Dear Ms. Hudder,

Re: Continuous Improvement Fund Project Approval - Project #553.3 (Best Practices)
REVISED FUNDING AMOUNT re: Large Curbside Containers

Further to our project approval letter of June 3, 2010, and your correspondence of July 5, 2010, your re-application to the Continuous Improvement Fund (CIF) for the purchase of large curbside recycling containers consistent with the Township's house count has received approval.

The project has been granted up to a maximum of \$8,311 plus 1.8% in lieu of non refundable HST in funding from the Continuous Improvement Fund, which represents approximately 50% of the project value (10 skids). The project's value was based on Norseman Environmental Product's bid on the Regional Municipality of Durham's RFT T-649-2010 dated May 20, 2010.

As mentioned previously, payment will be based on the vendor invoices and the CIF will require a short written report outlining how the boxes were distributed and diversion results.

If you have any questions in regards to this project, please feel free to contact me.

Sincerely,

Andy Campbell, P.Eng.

Director, CIF

c: Glenda Gies, Executive Director, Waste Diversion Ontario Frank Daniel, Controller, Stewardship Ontario

CIF Final Report – Large Blue Box Containers

CIF Project 553.3

Township of Killaloe, Hagarty and Richards

APPENDIX B

Statement of Service Conditions and Limitations





GREENVIEW ENVIRONMENTAL MANAGEMENT LIMITED - STATEMENT OF SERVICE CONDITIONS AND LIMITATIONS

Provision of Services and Payment

Upon documented acceptance of Greenview's proposed services, costs and associated terms by the client, Greenview may commence work on the proposed services directly. Upon retention of Greenview's services related to this project, the client agrees to remit payment for the services rendered for the specified period within (30) days of receipt as invoiced by Greenview on a typical monthly basis, unless otherwise arranged between the client and Greenview. In the event of non-payment by the client, Greenview reserves the right, without external influence or expense, to discontinue services and retain any documentation, data, reports, or other project information until such time as payment is received by Greenview.

Warranty, Limitations, and Reliance

Greenview relies on background and historical information from the client to determine the appropriate scope of services to meet the client's objectives, in accordance with applicable legislation, guidelines, industry practices, and accepted methodologies.

Greenview provides its services under the specific terms and conditions of a specific proposal (and where necessary formal contract), in accordance with the above requirements and the *Limitations Act 2002*, only.

The hypotheses, results, conclusions, and recommendations presented in documentation authored by Greenview are founded on the information provided by the client to Greenview in preparation for the work. Facts, conditions, and circumstances discovered by Greenview during the performance of the work requested by the client are assumed by Greenview to be part of preparatory information provided by the client as part of the proposal stage of the project. Greenview assumes that, until notified or discovered otherwise, that the information provided by, or obtained by Greenview from, the client is factual, accurate, and represents a true depiction of the circumstances that exist related to the time of the work.

Greenview relies on its clients to inform Greenview if there are changes to any related information to the work. Greenview does not review, analyze or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Greenview will not be responsible for matters arising from incomplete, incorrect or misleading information or from facts or circumstances that are not fully disclosed to or that are concealed from Greenview during the period that services, work, or documentation preparation was performed by Greenview.

Facts, conditions, information and circumstances may vary with time and locations and Greenview's work is based on a review of such matters as they existed at the particular time and location indicated in its documentation. No assurance is made by Greenview that the facts, conditions, information, circumstances or any underlying assumptions made by Greenview in connection with the work performed will not change after the work is completed and documentation is submitted. If any such changes occur or additional information is obtained, Greenview should be advised and requested to consider if the changes or additional information affect its findings or results.

When preparing documentation, Greenview considers applicable legislation, regulations, governmental guidelines and policies to the extent they are within its knowledge, but Greenview is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations,

governmental guidelines, and policies is for information only and is not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Greenview's services, work and reports are provided solely for the exclusive use of the client which has retained the services of Greenview and to which its reports are addressed. Greenview is not responsible for the use of its services, work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Greenview without Greenview's express written consent. Any party that uses, relies on, or makes a decision based on services or work performed by Greenview or a report prepared by Greenview without Greenview's express written consent, does so at its own risk. Except as set out herein, Greenview specifically disclaims any liability or responsibility to any third party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of, reliance on or decision based on any information, recommendation or other matter arising from the services, work or reports provided by Greenview.

Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Greenview's work or report considers any locations or times other than those from which information, sample results and data were specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those based on extrapolations.

Only conditions, and substances, at the site and locations chosen for study by the client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the client. Any physical or other aspects of the site that were not chosen for study by the client, or any other matter not specifically addressed in a report prepared by Greenview, are beyond the scope of the work performed by Greenview and such matters have not been investigated or addressed.

Confidentiality

Greenview provides proposals, reports, assessments, designs, and any other work for the sole party identified as the client or potential client in the case of proposals.

For proposals specifically, the information contained therein is confidential, proprietary information, and shall not be reproduced or disclosed to any other party than to that of the addressee of the original proposal submission, without prior written permission of Greenview.