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Recycle More. Waste Less.

**Brock University
2025 Solid Non-Hazardous Waste Audit**

Prepared for:

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Waste Reduction Group Project P1536
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Executive Summary

Brock University retained the services of Waste Reduction Group Inc to conduct a solid non-hazardous waste audit at its campus located in St. Catharines, Ontario. A waste audit was conducted during the fall of 2025. Twenty-four hour samples of materials were collected for the waste audit from 25 buildings, consisting of approximately 660 kg of garbage and 211 kg of mixed recycling. The collected samples were audited over eight (8) days. Waste materials collected for the audit were tagged to indicate the functional area of the building that generated the waste, including office, public, food service kitchens, food service dining areas, washrooms, labs, self-contained residences and outdoor bins. The following summarizes the waste stream compositions determined from the audit:

Material	Garbage Stream	Recycle Stream
Organic Food Waste	23.0%	8.8%
Compostable Fibres	15.8%	13.4%
LDPE Plastic Films	15.2%	12.7%
Total Mixed Containers	13.3%	27.8%
Total Mixed Papers	7.6%	24.1%
Non-recyclable	6.9%	1.0%
Food/snack wrappers	5.8%	--
Coffee Cups	2.3%	4.3%
Compostable Dishware	1.7%	1.1%
Office Supplies (Pens/Markers, etc)	1.4%	--
Corrugated Cardboard	1.3%	4.0%
PPE	1.2%	0.5%
Textiles	1.2%	1.1%
Take out food packaging	1.2%	--
Electronic wastes	0.4%	0.02%
Scrap Wood	0.3%	0.2%
Other Paper Drink Cups	0.3%	0.1%
Other Plastics	0.3%	0.3%
Gloves	0.2%	--
Scrap Metal	0.2%	0.1%
Batteries	0.1%	--
Lab Plastics	0.1%	--
Coffee Pods	0.05%	0.2%
Styrofoam	0.04%	0.01%
Single-use plastics	0.02%	0.01%
Batteries	--	0.1%
Contamination Rate	--	44.1%

Waste diversion programs have been implemented on campus for cardboard, mixed recycling, confidential papers, scrap metals, organics, coffee cups, oil & grease, bulbs & ballasts, electronic wastes, batteries, yard wastes, wood pallets, printer toners, used furniture/clothing donations, lab

bottles, LCBO/Beer Store returns, and waste reduction initiatives. Through discussions with Brock U and waste management and recycling service providers, estimates of the annual amounts of solid non-hazardous waste materials disposed and diverted were determined. The following table summarizes the annual quantities of diverted and disposed wastes in the reporting period.

Annual Quantities Disposed & Diverted

Material	Total Annual Amount (MT)
Disposed to Landfill	758.30
Materials Reduced	17.26
Materials Reused	5.93
Materials Recycled	297.69
Materials Composted/Digested	254.66
Total Waste Generated	1333.84

Based on the total annual amount of waste generated and materials diverted, the waste diversion rate at Brock U was determined to be approximately 43.1%. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050. Brock U's management team are committed to maintaining a high diversion rate and minimizing the amount of materials disposed to landfill.

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1 Introduction

Brock University (Brock U) retained the services of Waste Reduction Group Inc to conduct a solid non-hazardous waste audit in 2025 at its campus located in St. Catharines, Ontario. The waste audit examined representative samples of waste (garbage and mixed recycling) from the campus over an eight (8) day period in the fall of 2025. The purpose of the waste audit was to gain an understanding of the quantities and composition of solid wastes generated on campus.

Brock U is a multi-building community that has approximately 18,639 full-time equivalent (FTE) students (2022/23) and staff that generate waste and recyclable materials. Refer to Attachment A1, Appendix A for referenced data.

Brock U conducted a solid non-hazardous waste audit to comply with the requirements of O.Reg. 102/94 and to further improve upon their present waste reduction, reuse and recycling (3Rs) programs.

1.1 Purpose

The purpose of the solid non-hazardous waste audit was to:

- Comply with Part X of O.Reg. 102/94 'Waste Audits and Waste Reduction Work Plans', which requires the operator of an educational institution with more than 350 students enrolled per year, to conduct an annual waste audit and prepare and implement a waste reduction work plan (Refer to Appendix A for a partial excerpt of O.Reg.102/94);
- Confirm compliance with Section 14 of O.Reg.103/94 'Industrial, Commercial and Institutional Source Separation Programs' and Part X 'Educational Institutions' of the Schedule attached to the Regulation (Refer to Appendix A for a partial excerpt of O.Reg.103/94).
- Determine the annual waste diversion rate for Brock U resulting from existing waste reduction, reuse, and recycling (3Rs) programs;
- Identify point of generation and quantify composition of wastes at Brock U;
- Identify any additional opportunities for waste reduction and diversion that may exist at Brock U;
- Identify potential cost savings associated with the disposal of solid waste materials; and
- Address any specific concerns or opportunities identified during the study.

1.2 Scope of Work

To satisfy the purpose of the waste audit, the following scope of work was completed:

- Collected data pertaining to waste composition and collection practices between October 28th and November 7th, 2025.

- Determined the total quantity of waste materials diverted from landfill by Brock U through current reduction, reuse, and recycling (3Rs) programs;
- Completed a Waste Audit Report (per MECP protocol) that addressed the amount, nature and composition of the waste, the manner by which the waste was generated, including management decisions and policies that relate to the production of waste, and the way in which the waste is managed on campus; and
- Completed a Waste Reduction Work Plan (per MECP protocol) regarding plans to reduce, reuse and recycle waste on campus. The report set out who will implement each part of the plan, when each part will be implemented and what the expected results shall be.

2 Methodology

Discussions were held with Brock U personnel to review existing waste management and recycling programs implemented on campus. Based on previous audit experience and information gathered by Brock U, a detailed waste audit schedule was developed. The waste audit was performed over an eight (8) day period, as summarized in Table 1:

Table 1: Waste Audit Sample Summary

Date	Building/Location
October 28, 2025	Walker West, South Block, Harrison Hall/Kenmore Hall, Welch Hall, CUB
October 29, 2025	Cairns, Plaza-Bookstore, Student Centre, GSB
October 30, 2025	BRIC, Outdoor Bins
October 31, 2025	Alphie's, Tower, Thistle, Scotia Bank Hall (SBH)
November 4, 2024	East Academic
November 5, 2024	EARP Residence, DeCew Residence, Vallee Residence, MacKenzie Chown-Inniskillin
November 6, 2024	Daycare, Lowenberger Residence, Village Residence
November 7, 2024	Burlington Campus, Marilyn Walker School

In coordination with the Brock U staff, twenty-four hour samples of waste was collected from each of the identified buildings on the audit schedule. Bags of garbage and mixed recycling were collected and tagged, describing the functional area within the building that generated the waste material, as summarized in Table 2:

Table 2: Waste Audit - Functional Area Summary

Functional Areas included in Waste Audit Samples
• Office / Administrative Areas
• Public Areas (Class rooms, lobbies, lounges, libraries, corridors, etc.)
• Washrooms
• Food Services – Kitchens
• Food Services – Dining Areas
• Laboratories
• Self contained residences
• Outdoor bins

The tagged bags of wastes were brought to designated collection areas by Brock U staff and placed into temporary plastic pushcarts supplied by Waste Reduction Group. The total bagged weights of all sample materials collected from each functional area per building were recorded. Refer to Appendix A for a copy of the Scale Calibration Certificate.

Waste materials were then unloaded, sorted into individual material categories, weighted, re-bagged and disposed of in the appropriate garbage or recycling bins. Samples were sorted by a qualified two (2) person team from Waste Reduction Group. Some of the materials source separated by Brock U for recycling (i.e. cardboard, organics, ewastes, printer toners, etc) were not collected and categorized during the audit, due to infrequency of generation, however the annual quantity of each material was reviewed and included in the audit results.

Waste material categories were established prior to the audit based on O.Reg.103/94 requirements for source separation at educational institutions, including:

- Aluminum food or beverage cans (including cans made primarily of aluminum);
- Cardboard (corrugated);
- Fine paper;
- Glass bottles and jars for food or beverages;
- Newsprint; and
- Steel food or beverage cans (including cans made primarily of steel).

In addition to these standard categories other important waste streams such as other mixed containers (PET, HDPE, polypropylene, aseptic, gable top), organic wastes, paper towels (includes all compostable fibres and other one-time use paper products), mixed plastics, Styrofoam, coffee cups, one-time paper disposable cups, yard waste, electronic waste (ewaste), scrap wood, scrap metal and special wastes (i.e. batteries, bulbs and ballasts) were included depending on what auditors found in the samples.

3 Waste Audit Results

3.1 Garbage Quantities & Distribution

Figure 1 and Table 3 ranks garbage generated per building based on the audit results.

Figure 1: Brock University 2025 Garbage Generation Distribution

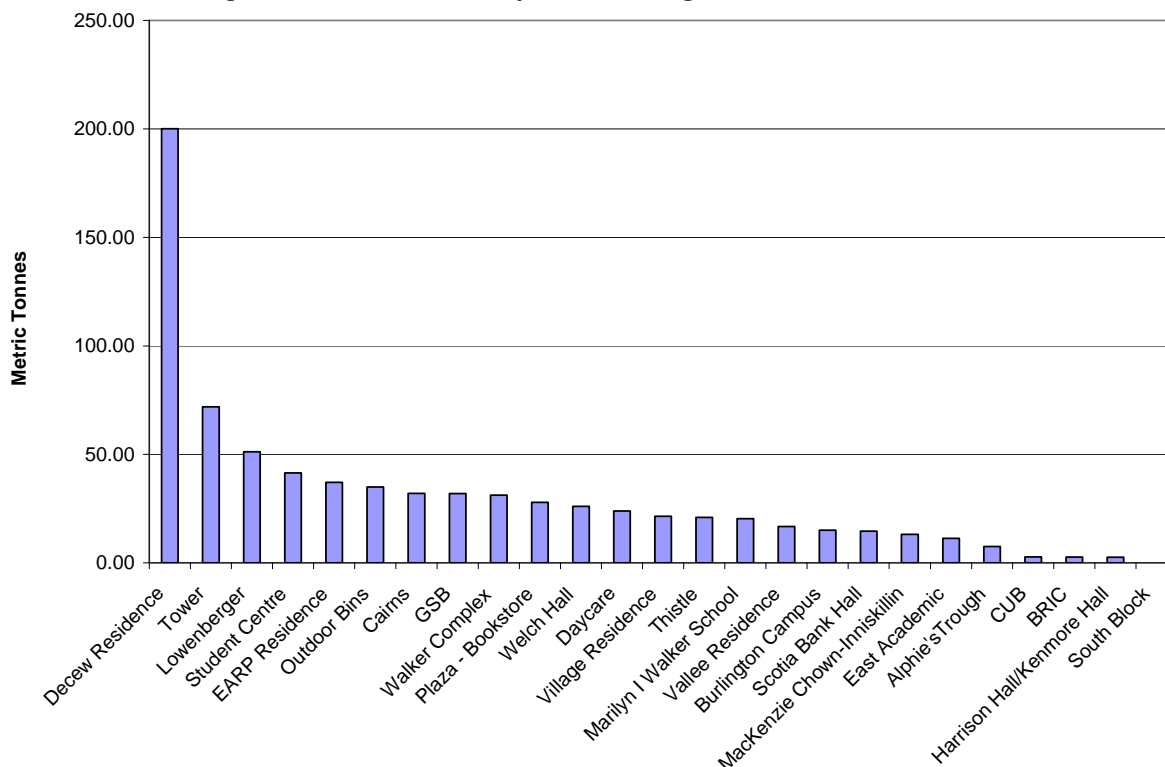


Table 3: Waste Audit - Annual Garbage Generated per Building (Based on 24-hr Sample)

Building Name	Percentage ⁽¹⁾ %	Annual Quantity Metric Tonnes
Decew Residence	26.39%	200.09
Tower	9.48%	71.89
Lowenberger	6.75%	51.19
Student Centre	5.47%	41.45
EARP Residence	4.89%	37.10
Outdoor Bins	4.61%	34.92
Cairns	4.21%	31.96
GSB	4.20%	31.88
Walker Complex	4.12%	31.22
Plaza - Bookstore	3.68%	27.88
Welch Hall	3.43%	26.03
Daycare	3.15%	23.86
Village Residence	2.82%	21.40
Thistle	2.76%	20.93
Marilyn I Walker School	2.67%	20.28
Vallee Residence	2.21%	16.74
Burlington Campus	1.99%	15.06
Scotia Bank Hall	1.93%	14.61
Mackenzie Chown-Inniskillin	1.73%	13.13

East Academic	1.49%	11.30
Alphie’s Trough	0.99%	7.48
CUB	0.36%	2.71
BRIC	0.35%	2.62
Harrison Hall/Kenmore Hall	0.34%	2.55
Scotia Bank Hall	0.00%	0.00
Total	100.0%	758.30

Note 1: Percentage based on 24-hr garbage sample results from the waste audit.

Therefore, DeCew Residence, Schmon Tower, Lowenberger Residence, Student Centre, EARP Residence, Outdoor bins, Cairns, GSB and Walker Complex were the most significant generators of garbage on campus, accounting for approximately 70% of the garbage stream sample.

As noted above, a review of Brock U’s activities identified the following functional areas within campus buildings:

- Office / Administrative Areas
- Public Areas
- Washrooms
- Food Service – Kitchens
- Food Service – Dining Areas
- Laboratories
- Self-Contained Residences
- Outdoor Bins

Table 4 ranks garbage generated per building functional area based on the audit results.

Table 4: Waste Audit – Annual Garbage Generated per Functional Area

Functional Area	Percentage ⁽¹⁾ %	Annual Quantity Metric Tonnes
Public Areas	33.1%	250.67
Food Services - Kitchens	30.3%	229.66
Washrooms	17.6%	133.34
Unlabelled Bags	4.8%	36.12
Outdoor Bins	4.6%	34.92
Office & Admin	3.4%	26.11
Labs	2.9%	21.65
Residences	2.8%	21.40
Food Services - Dining	0.6%	4.43
Total	100.0%	758.30

Note 1: Percentage based on 24-hr garbage sample results from the waste audit.

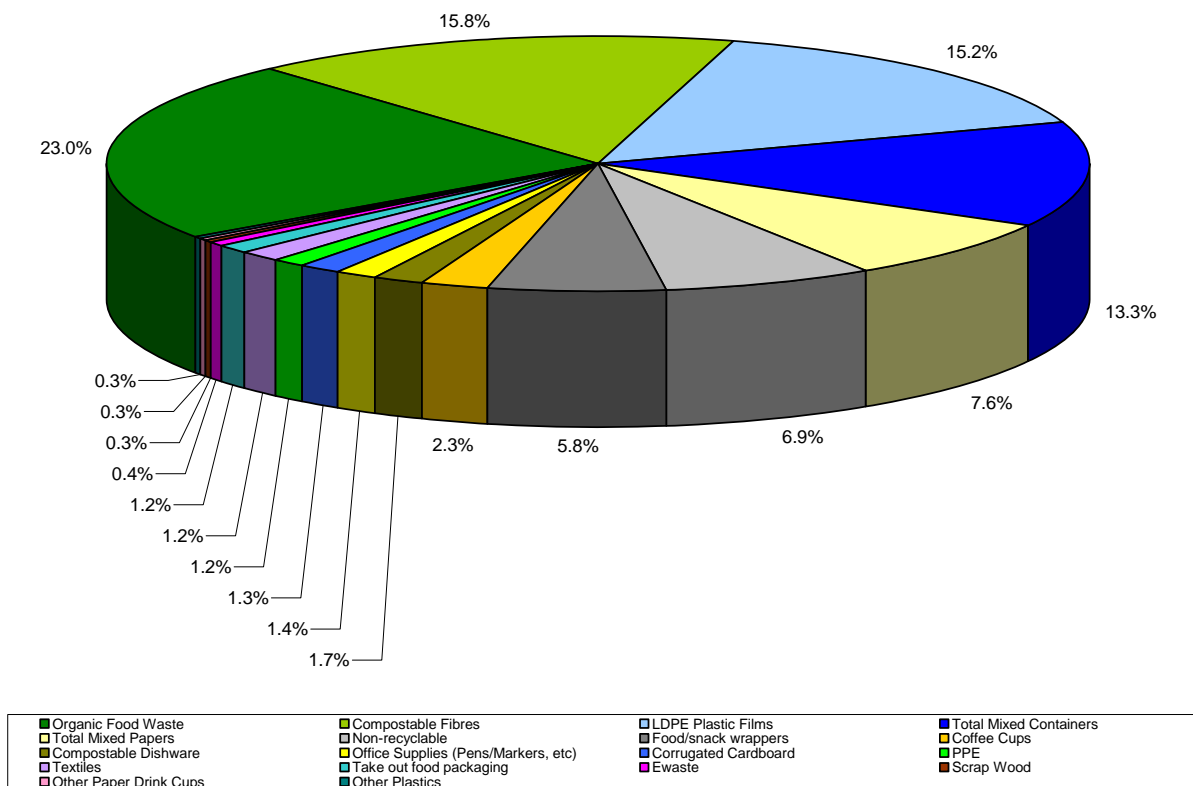
Therefore, public areas, food services – kitchens and washrooms generated the most garbage on campus, accounting for approximately 81% of the garbage stream.

3.2 Garbage Composition

The total weight of garbage collected and sorted for the Fall 2025 waste audit was 659.64 kg. In 2015, a summer waste audit was also conducted to estimate garbage composition during the

summer period in order to account for seasonal variability. Figure 2 summarizes the overall combined garbage composition from the 2025 fall waste audit and 2015 summer waste audit.

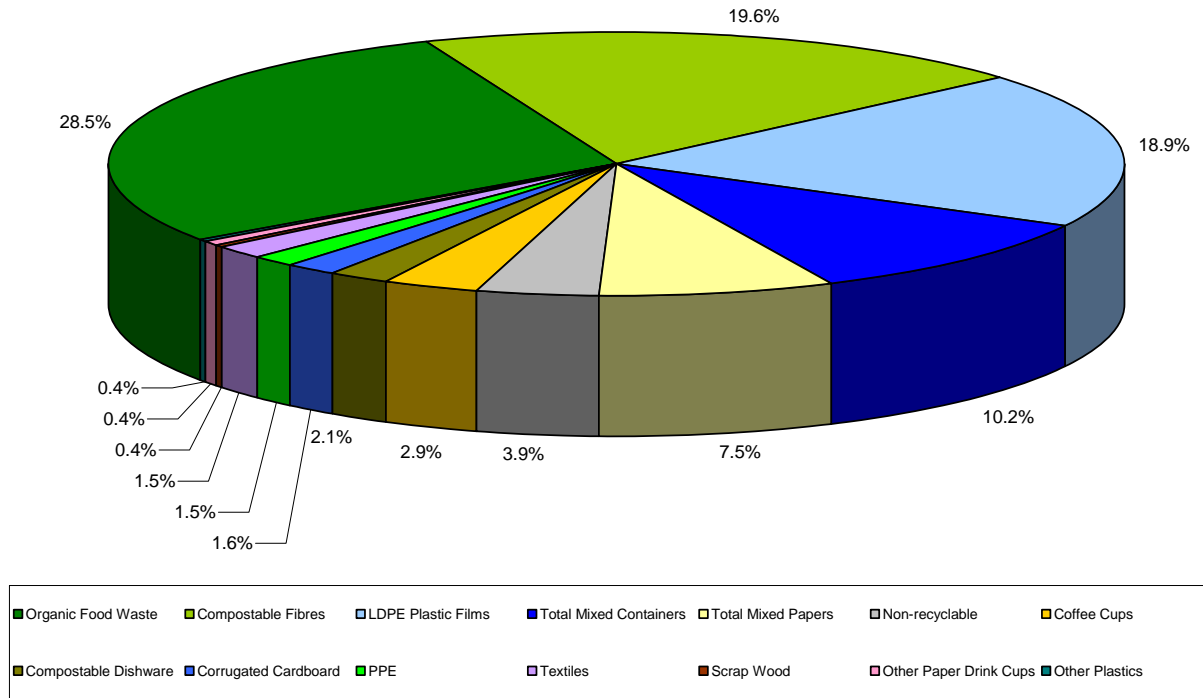
Figure 2: Brock University Overall Garbage Composition
 (Combined Fall 2025 & Summer 2015 Garbage Compositions)



3.2.1 Fall Garbage Composition

The total weight of waste collected and sorted for the fall audit was 659.64 kg. Figure 3 summarizes the overall fall waste composition of the audited sample:

Figure 3: Brock University 2025 Fall Garbage Composition



Summary tables for each building per waste generation functional area, including waste composition, weights and percentages, are included in Appendix B.

Table 5 summarizes the largest primary categories (i.e. >5%) of waste materials per generation area (based on the total combined amount of garbage audited):

Table 5: Waste Audit - Primary Waste Categories per Generation Area

Waste Generation Area	Percent of Sample (By Weight)	Organics	Compostable Fibres	Plastic Films	Mixed Containers	Mixed Papers	Non-recyclable	Food/Snack Wrappers	Coffee Cups
Public Areas	33.1%	20.5%	6.7%	10.0%	25.1%	9.9%	5.9%	6.0%	
Food Services - Kitchen	30.3%	59.1%		26.8%					
Washrooms	17.6%		72.9%	6.5%					
Unlabelled Bags	4.8%			6.4%			27.8%	29.2%	
Outdoor Bins	4.6%		11.7%	30.8%	12.8%	20.6%			16.2%
Office & Admin	3.4%	7.8%		9.7%	37.2%	13.1%	9.0%	6.1%	
Labs	2.9%		11.4%	52.6%	14.1%		11.1%	7.8%	
Residences	2.8%		9.0%	25.9%	13.7%	24.1%			
Food Services - Dining	0.6%	23.6%		8.3%		53.8%			
Total	100.0%	23.0%	15.8%	15.2%	13.3%	7.6%	6.9%	5.8%	2.3%

Note: Shaded cells < 5%

Organic food wastes were found in high quantities in food service, public and office areas. Based on the waste audit results, it was estimated that approximately 23.0% of solid waste disposed to landfill consisted of organic materials, representing 174 MT annually. This is up from 16.8% in 2024. An organics 3Rs program is implemented on campus. It is recommended that Brock U focus attention on organics diversion in food service, public and office areas in order to capture and divert more organic materials from landfill.

Compostable fibres were found in high quantities in washrooms, outdoor bins, labs, residences and office areas. Based on the waste audit results, it was estimated that approximately 15.8% of solid waste disposed to landfill consisted of compostable fibres, or approximately 120 MT annually. This is down from 20.7% in 2024. Brock U may want to focus on washroom wastes in order to capture the majority of paper towels disposed to the garbage. Often paper towels can be mixed with cardboard or organic 3Rs programs depending on vendor specifications.

High amounts of mixed containers and mixed papers were found in the garbage stream from most areas of the university, except kitchens and washrooms. Based on the waste audit results, the garbage stream consisted of approximately 13.3% mixed containers (up from 10.8% in 2024) and 7.6% mixed papers (down from 15.8% in 2024). This represents approximately 101 MT and 58 MT of mixed containers and mixed papers respectively disposed to landfill annually. Brock U has implemented a mixed recycling 3Rs program that accepts mixed papers and mixed containers. Results suggest that better collection systems, improved labels, program promotion and/or student/employee/cleaner education may be required to capture more of these materials.

3.2.2 Summer Garbage Composition

Refer to Brock U's 2015 Waste Audit Report (Waste Reduction Group Project P0525, dated February 2016) for details regarding Brock U's summer garbage composition.

3.2.3 Office/Administrative Areas

Based on the Fall 2025 garbage sample audited from office/administrative areas, the largest primary categories of waste generated were as follows:

○ Plastic Films:	22.1%
○ Mixed Papers:	20.7%
○ Mixed Containers:	17.8%
○ Organics:	17.8%

The percentages of mixed papers and mixed containers were high especially since a mixed recycling 3Rs program has been implemented for these materials. Results suggest that improved collection systems, signs, program promotion and/or staff/cleaner education may be required to capture more of these materials.

Office/Administrative Areas in the following buildings were found to generate the most garbage compared to all office/administrative areas that were audited:

○ Plaza-Bookstore:	31.4%
○ Student Centre:	26.2%
○ Thistle:	16.6%

3.2.4 Public Areas

Based on the Fall 2025 garbage sample from public areas, the largest primary categories of waste generated were as follows:

○ Organics:	26.9%
○ Mixed Containers:	20.9%
○ Plastic Films:	13.0%
○ Mixed Papers:	9.0%

The percentages of mixed containers and mixed papers were high since a mixed recycling 3Rs program is implemented for these materials. Results suggest that improved collection systems, signs, program promotion and/or staff/cleaner education may be required to capture more of these materials.

Public Areas in the following buildings were found to generate the most garbage compared to all public areas that were audited:

○ Lowenberger Residence:	17.0%
○ EARP Residence:	13.0%
○ Outdoor Bins:	12.2%

3.2.5 Washrooms

Based on the Fall 2025 garbage sample audited from washroom areas, the largest primary categories of waste generated were as follows:

- Compostable Fibres: 80.4%
- Plastic Films: 7.1%

The percentage of compostable fibres was high in washroom waste. Brock U may wish to investigate the feasibility of implementing a paper towel 3Rs program, or replacing paper towels in washrooms with reusable hand towels or hand dryers. Often, paper towels can be included with organic or cardboard recycle programs.

Washrooms in the following buildings were found to generate the most garbage compared to all washrooms that were audited:

- Schmon Tower: 20.1%
- Walker West: 17.5%
- GSB: 9.1%

3.2.6 Food Service – Kitchen Areas

Based on the Fall 2025 garbage sample audited from food service kitchen areas, the largest primary categories of waste generated were as follows:

- Organics: 59.1%
- Plastic Films: 26.8%

The percentage of organic was high in the kitchen waste. Brock U has implemented an organic 3Rs program to capture this material. Results suggest that improved collection systems, signs, program promotion and/or staff/cleaner education may be required to capture more of this material.

Food Service Areas in the following buildings were found to generate the most garbage compared to all food service kitchen areas that were audited:

- DeCew Residence: 78.9%
- Schmon Tower: 12.0%

3.2.7 Food Service – Dining Areas

Based on the Fall 2025 garbage sample audited from food service dining areas, the largest primary categories of waste generated were as follows:

- Total Mixed Papers: 53.8%
- Organics: 23.6%
- Other Paper Drink Cups: 10.6%

The percentage of mixed papers was very high, especially since a mixed recycling 3Rs programs is implemented in dining areas. Results suggest that better collection systems, improved signs, program promotion and/or staff/student education may be required to improve the capture rate of this material. Focus should also be placed on diverting more papers from dining areas.

Food Service Dining Areas in the following buildings were found to generate the most garbage compared to all food service dining areas that were audited:

- Thistle: 60.3%
- Schmon Tower: 38.4%

3.2.8 Laboratories

Based on the total amount of waste audited from lab areas, the largest primary categories of waste generated were as follows:

- Plastic Films: 52.6%
- Mixed Containers: 14.1%
- Compostable Fibres: 11.4%
- Non-Recyclable: 11.1%

The percentages of mixed containers and compostable fibres were high. A mixed recycling 3Rs program is implemented in lab areas. Results suggest that better collection systems, improved signs, program promotion and/or staff/student education may be required to improve the capture rate of this material. Brock U may wish to investigate the feasibility of implementing a paper towel 3Rs program in lab areas.

Lab areas in the following buildings were found to generate the most garbage compared to all labs that were audited:

- Cairns: 96.7%

3.2.9 Residences

Based on the Fall 2025 garbage sample from residences, the largest primary categories of waste generated were as follows:

- Plastic Films: 25.9%
- Mixed Papers: 24.1%
- Compostable Dishware: 14.1%
- Mixed Containers: 13.7%

The percentage of mixed papers and mixed containers were high, especially since a mixed recycling 3Rs programs has been implemented in residences for these materials. Results suggest that better collection systems, improved signs, program promotion and/or staff/student education may be required to improve the capture rate of this material.

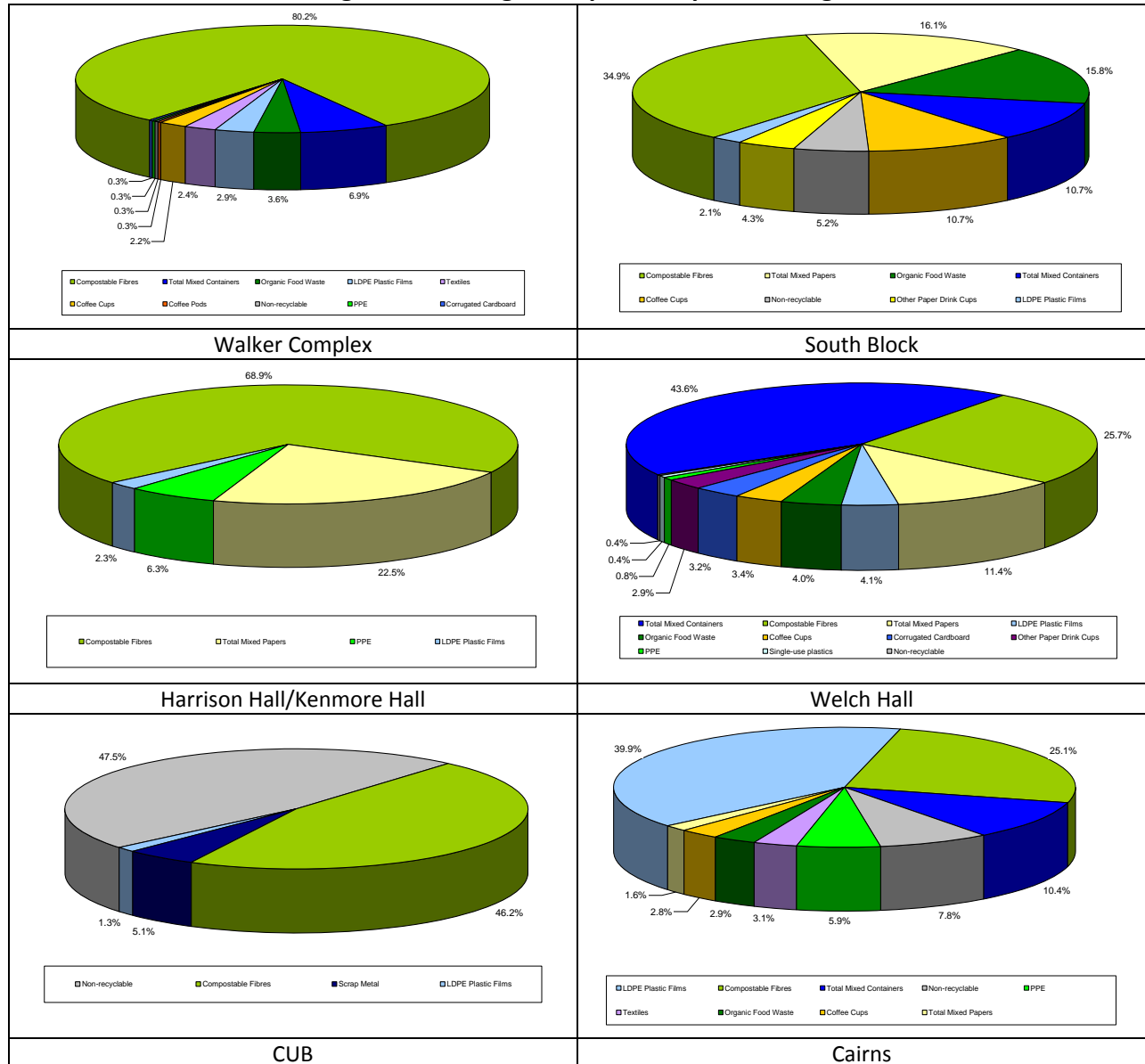
The following residences were found to generate the most garbage:

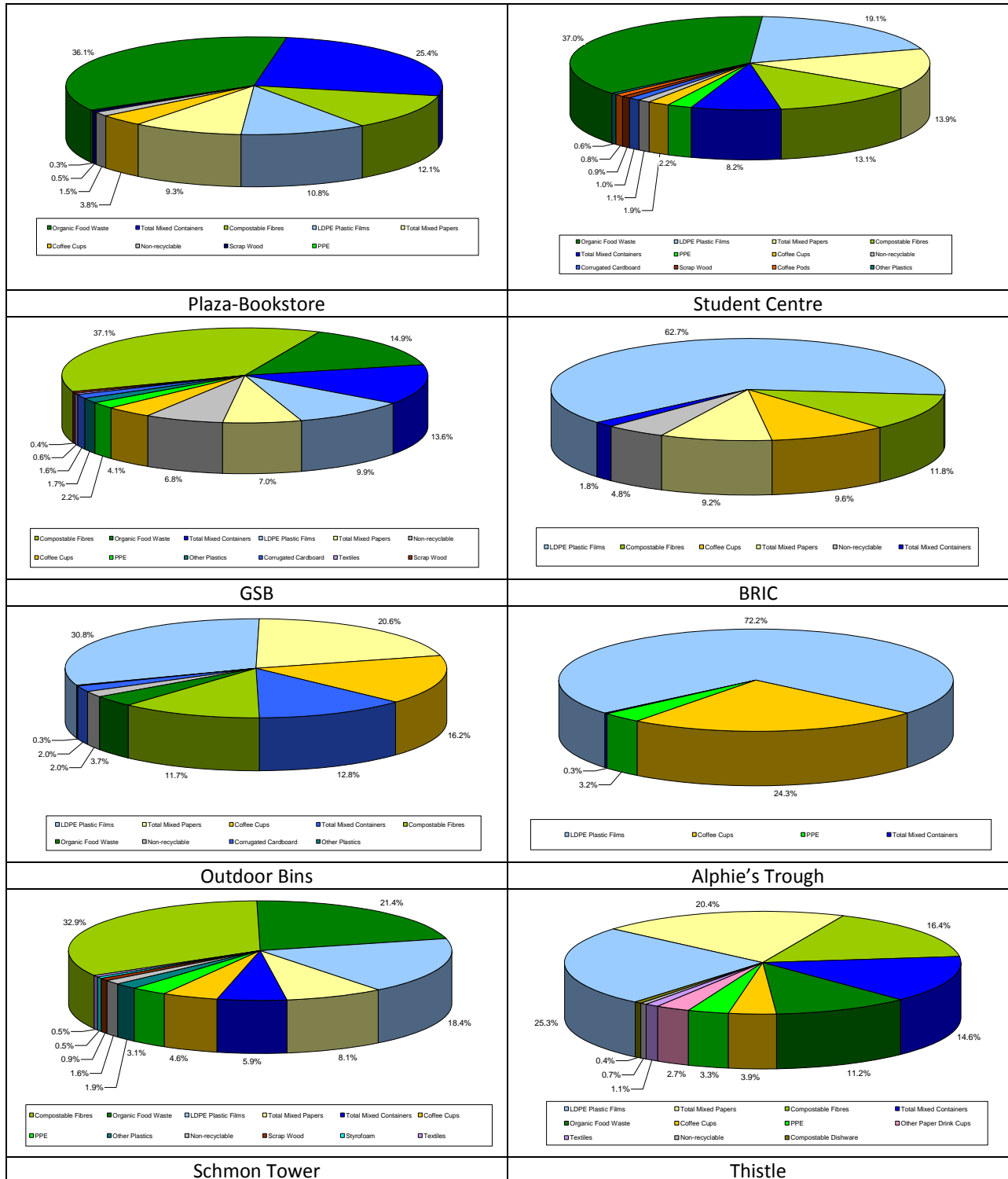
- Village Residence: 100%

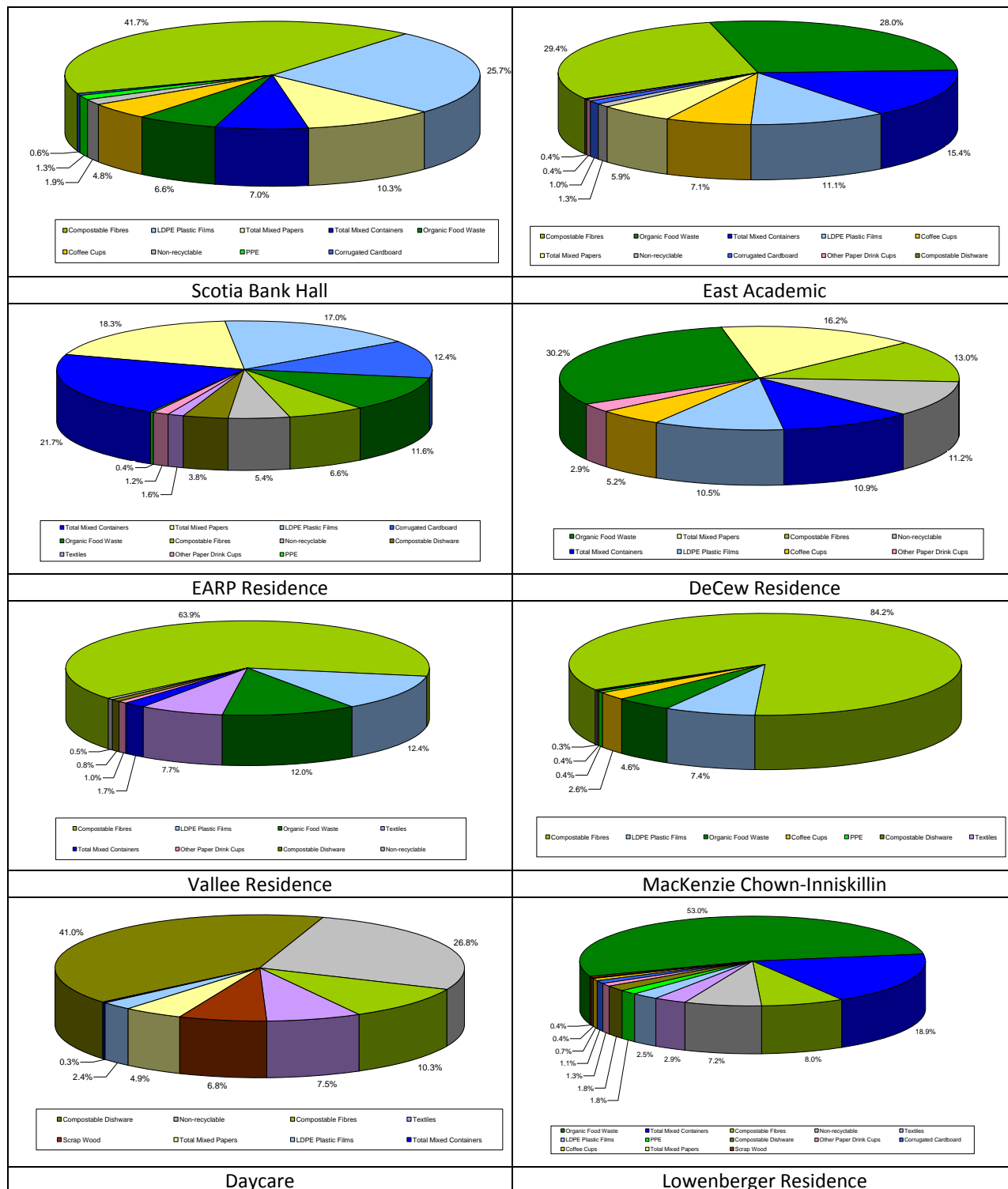
3.3 Garbage Composition per Building

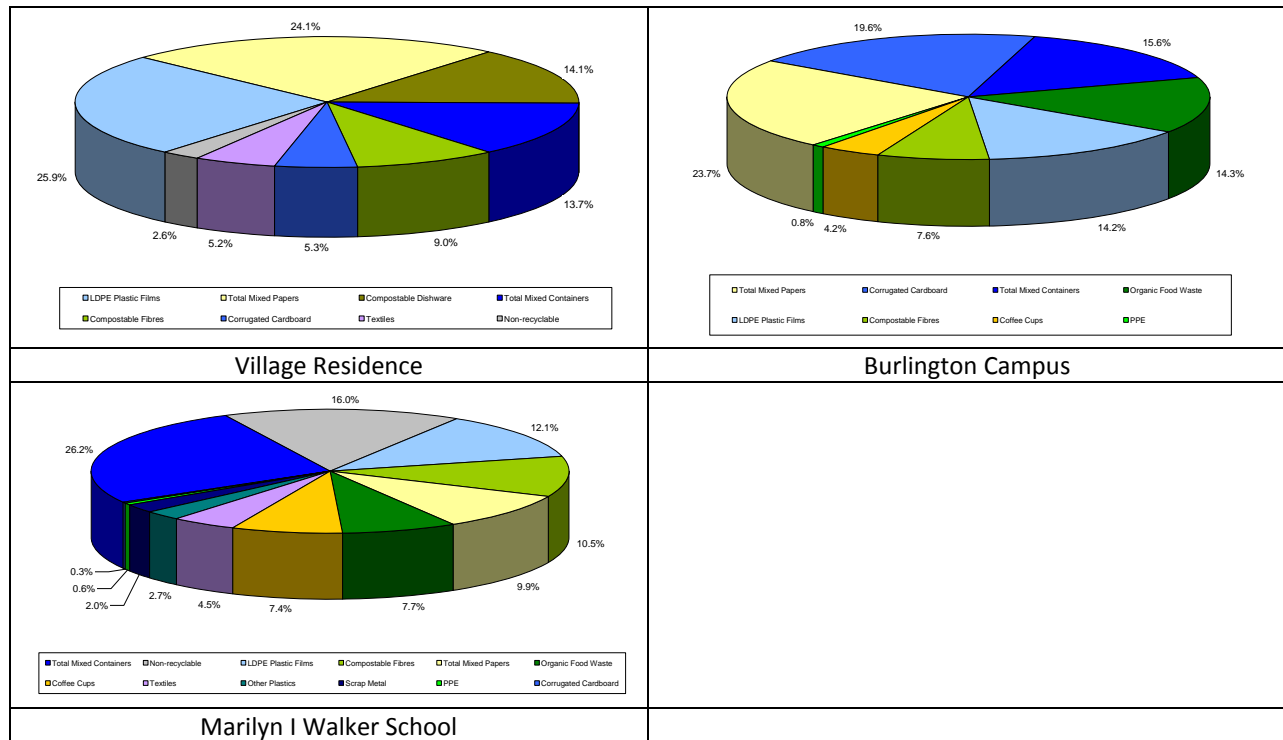
Figure 4 summarizes the overall garbage composition determined for each building based on 24-hour sample results.

Figure 4: Garbage Composition per Building









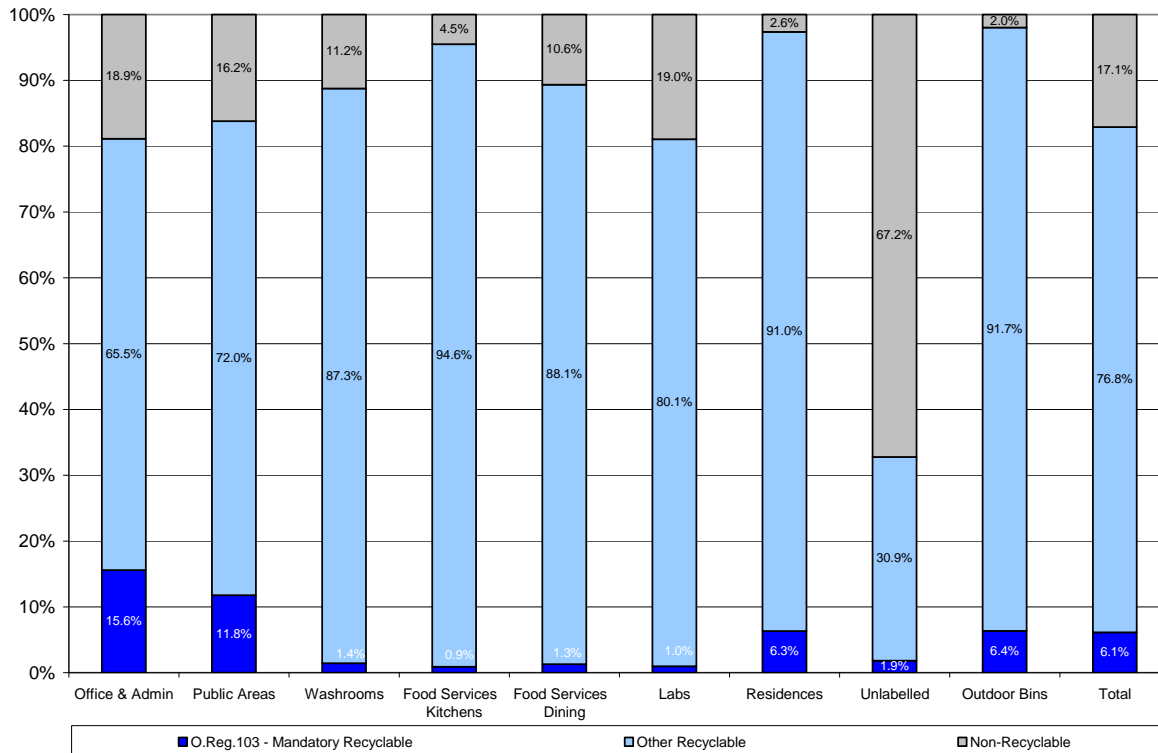
3.4 Percentage of Recyclables in Garbage

O.Reg. 103/94 requires that educational institutions source separate the following materials (at a minimum):

- Aluminum food or beverage cans (including cans made primarily of aluminum);
- Cardboard (corrugated);
- Fine paper;
- Glass bottles and jars for food or beverages;
- Newsprint; and
- Steel food or beverage cans (including cans made primarily of steel).

Figure 5 summarizes the quantity of these mandatory recyclable materials compared to other recyclable and non-recyclable materials found in the 2025 waste audit garbage samples.

Figure 5: Percentage of Recyclable in Garbage



BrockU has a ‘mandatory’ recyclable content of 6.1% in the combined garbage of the university (up from 4.0% in 2024). The main ‘mandatory’ recyclable materials were cardboard, fine papers and glass beverage containers. ‘Other Recyclables’ represented 76.8% of the sample (up from 70.4% in 2024) and consisted mainly of compostable materials (organics and compostable fibres). Non-recyclables represented approximately 17.1% of the sample (down from 25.7% in 2024).

3.5 Recyclable Material Distribution

Samples of source separated recyclables were collected from various functional areas on campus during the fall waste audit period. Table 6 ranks recyclable materials generated per building functional area based on the waste audit results.

Table 6: Waste Audit – Mixed Recycling Generated per Functional Area

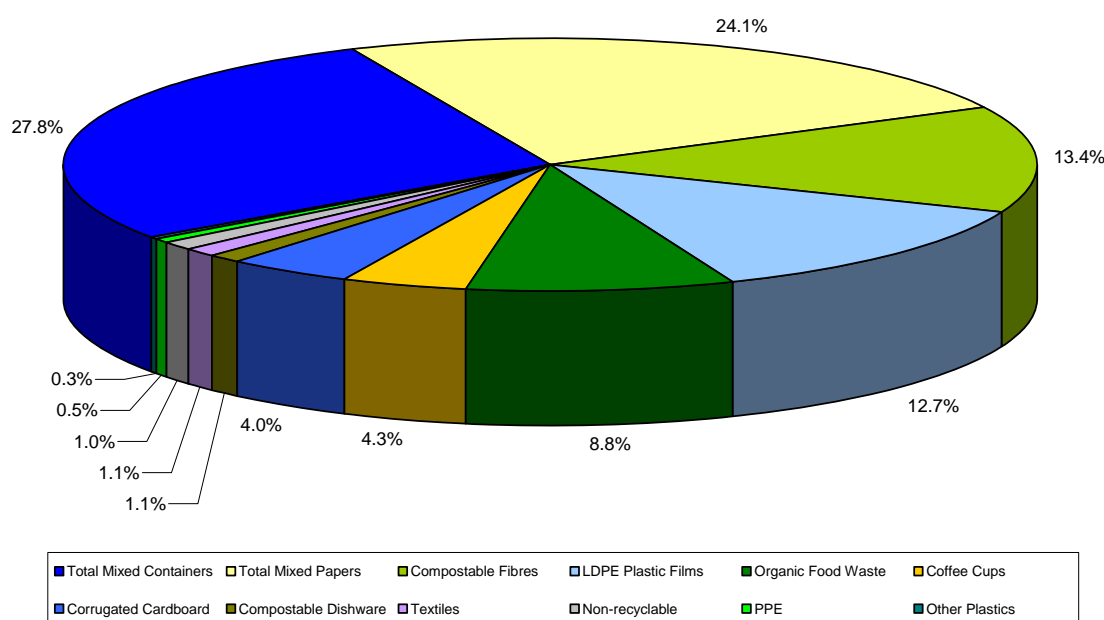
Functional Area	24-h Sample Quantity kg	Percentage %
Public Areas	90.00	42.6%
Office & Admin	60.19	28.5%
Outdoor Bins	47.32	22.4%
Washrooms	12.55	5.9%
Unlabelled	1.09	0.5%
Food Services Kitchens	0.00	0.0%
Food Services Dining	0.00	0.0%
Labs	0.00	0.0%
Residences	0.00	0.0%
Total	211.15	100.0%

Therefore, public areas, office areas and outdoor bins generated the most mixed recycling on campus, accounting for approximately 94% of the recycle sample.

3.6 Recyclable Material Composition

The total weight of recyclables collected and sorted for the audit was 211.15 kg. Figure 6 summarizes the overall composition of the audited sample. The recyclable sample had a contamination rate of 44.1%, up from the contamination rates determined in 2022, 2023 and 2024 (i.e. 27.6%, 28.8% and 32.8% respectively). The main materials contributing to the contamination included compostable fibres, plastic films, organics, coffee cups, compostable dishware, textiles, non-recyclable items and PPE.

Figure 6: Recyclable Material Composition Summary



Summary tables for each building per waste generation functional area, including waste composition, weights and percentages, are included in Appendix B.

4 Diversion Programs & Waste Systems

4.1 Waste Diversion Programs

3Rs programs have been implemented at Brock U to divert a wide range of materials as described below.

Cardboard: Cardboard recycling is provided across campus. Cardboard boxes are flattened and placed in large receptacles or smaller totes. Cardboard is brought by Brock U staff to their on-site baler. Cardboard bales were serviced by Cascades. Some front-end service was also provided by Modern and/or Waste Management.

Mixed Recycling: Mixed recycling includes mixed containers and mixed papers. Mixed containers include assorted plastics food and beverage containers (PET, HDPE, LDPE, PP, and PS), aluminum and metal cans, glass food and beverage containers, and aseptic containers (gable top containers, tetra paks, etc). Mixed papers include a range of items such items as (but not limited to) newspapers, fine papers, envelopes, magazines, brochures, boxboard, packing paper, shipping/receiving supplies, paper bags and other clean food paper products. Mixed recycling is collected throughout campus in dedicated recycle depots, primarily concentrated in high waste generating areas. Collected materials are disposed into front-end bins or 95 gallon totes by Brock U staff. Bins were serviced by Modern and/or Waste Management.

Confidential Papers: Confidential papers are collected mainly in office/administrative areas in secure consoles or totes. Consoles were serviced by private contractor on a weekly basis. All shredded materials were recycled.

Scrap Metals: Recyclable ferrous metals are collected at the CUB by Brock U staff. Larger pieces of metal recovered through the repair and recovery of broken and old equipment are deposited in a lugger box. Scrap metal recycling service is provided by RAM Metal Recycling.

Organics: Organic based food waste is collected at various locations. Organic waste is mainly generated from the preparation of food. Scrap materials are placed in 32 gallon or 64 gallon totes provided by Davidson Environmental. Organic waste from various food vendors is also placed in receptacles at the back of the Tower complex. Davidson Environmental services the organic bins up to six days per week. An organics pulping unit is installed in the newly renovated market cafeteria in the Tower Complex.

Coffee Cups: Coffee cups collected from Brock by Davidson are put through a source separator with the rest of our organics that separates any organic material from inorganic. This inorganic sludge then undergoes anaerobic digestion to create biogas for renewable energy and the left over solid is used as fertilizer.

Oil & Grease: Oils & greases are collected from food service areas across campus, and stored in dedicated containers. Service is provided by Rothsay and/or Davidson Environmental as required.

Bulbs & Ballasts: Fluorescent bulbs and ballasts are collected across campus and stored in dedicated totes. Service is provided by Aevitas as required.

Electronics/Ewastes: Electronic wastes are collected across campus and stored in dedicated locations. Service was provided by Greentec as required.

Batteries: Batteries are collected in small dedicated containers across campus. Collected batteries are stored in dedicated totes. Service is provided by Raw Materials Company Inc as required.

Yard Wastes: Yard wastes are collected across campus during the various seasons of the year. Approximately six (6) 40-yd roll-off bins of loosely packed yard wastes are composted per year. Additional yard wastes were managed by Modern and/or Waste Management.

Wood Pallets: Wood pallets/skids are returned to suppliers or removed for reuse. Based on discussions with Brock U, pallets are removed on a weekly basis.

Printer Toner Cartridges: Printer toner cartridges are collected from various areas across campus and sent to private contractor and/or suppliers to be processed.

Used Furniture: Brock U collected and stored used furniture for on-campus reuse or for donations to local charities.

Amber Bottles: Labs on campus have implemented an in-house reuse program. The quantity of amber bottles collected for reuse was unknown.

Scrap Woods: A scrap wood program was implemented on-site in 2013 at the CUB. Due to the infrequent use of the bin, the service was cancelled in 2014.

LCBO/Beer Store Returns: Brock U returns glass beer, wine and spirit bottles via the LCBO/Beer Store return program.

Water Bottle Filling Stations: Brock U added new water bottle refilling stations on campus. These stations help the university reduce the amount of plastic water bottles used on campus.

Textbook Collection: BrockU collects textbooks as required, all of which are donated, repurposed and/or recycled.

Table 8 summarizes the annual amount of waste diverted from landfills due to waste diversion programs implemented at Brock U.

Table 8: Waste Audit - Annualized Waste Diversion Summary

Waste Material	Reused or Recycled	Total Diversion Metric Tonnes
Cardboard	Recycled	61.98
Mixed Recycling	Recycled	171.61
Confidential Papers	Recycled	9.78
Scrap Metals	Recycled	39.79
Organics	Digested	215.71
Oil & Grease	Recycled	1.00
Bulbs & Ballasts	Recycled	0.71
Ewastes	Recycled	11.22
Batteries	Recycled	1.39
Yard Wastes	Composted	38.95
Printer Toners	Reused	0.34
Used Furniture/Equipment	Reused	1.09
LCBO/Beer Bottle Returns	Reused	0.20
Text Books - Donated/Recycled	Reused/Recycled	4.30
Clothing Donations	Reused	0.20
Water Bottle Filling Stations	Reduced	17.26
Total Waste Material Diverted		575.54

Therefore, the total amount of waste material diverted from landfill in 2025 was estimated to be approximately 576 metric tonnes. Evidence of annual quantity data obtained from Brock U and/or service providers is provided in Appendix A. Waste diversion programs implemented at Brock U exceed the requirements of O.Reg.103/94 for educational institutions.

4.2 Waste Disposal Systems

Regular solid non-hazardous waste is collected across campus by Brock U staff and placed in either front-end bins or compactors located in designated waste handling areas. The total quantity of solid non-hazardous waste disposed to landfill in 2025 was estimated to be approximately 758.30 metric tonnes.

Garbage service at BrockU changed from Modern to Waste Management in May 2025. In the past, garbage pick-up summaries were reviewed and corrected for Brock U's site specific garbage density determined to be 26.53 kg/yd³ (determined in 2014) rather than using an industry average weight. It is unclear if the weights provided for garbage service from each building (from May to December) were weighed using on-truck scales or estimated with an industry average density based on number of pick-ups. Therefore the garbage weights were not corrected for the on-site garbage density as done previously.

5 Performance Metrics

5.1 Waste Diversion Rate

Waste Diversion Rate is the percentage of waste materials that a facility diverts from landfill due to reduce, reuse and recycling (i.e. 3Rs) programs versus the total amount of waste generated (i.e. 3Rs plus disposed). According to the MECP, Waste Diversion Rate is calculated as follows:

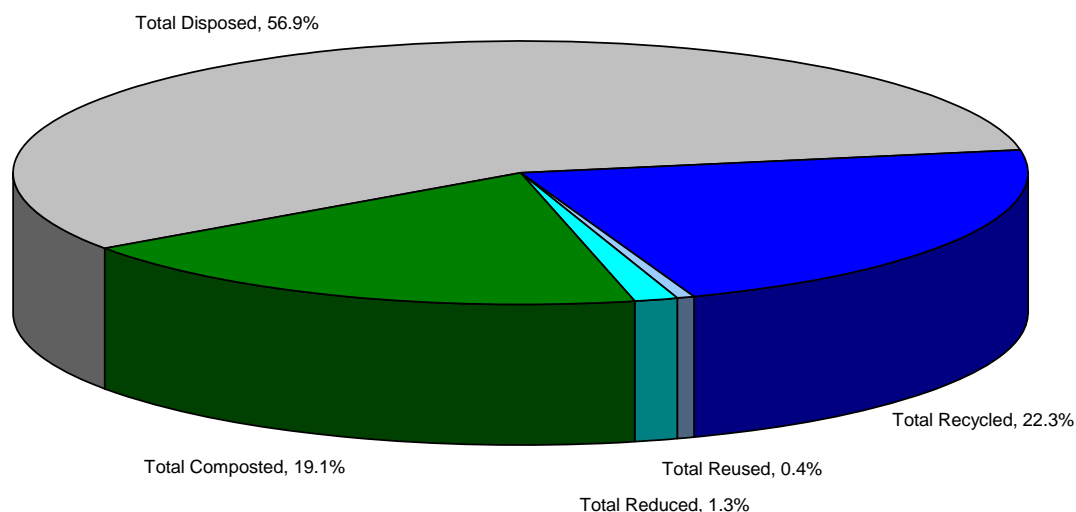
$$\text{Waste Diversion Rate} = \frac{\text{Total Waste Diverted (3Rs)}}{\text{Total Waste Generated}} * 100\%$$

Based on the total annual amount of waste generated and materials diverted, the 2025 waste diversion rate at Brock U was determined to be approximately 43.1%. Table 9 and Figure 8 summarize the quantities of wastes diverted (via 3Rs programs) and disposed. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050.

Table 9: Annual Quantities of Materials Diverted and Disposed

Material	Total Annual Amount (MT)
Disposed to Landfill	758.30
Materials Reduced	17.26
Materials Reused	5.93
Materials Recycled	297.69
Materials Composted/Digested	254.66
Total Waste Generated	1333.84
WASTE DIVERSION RATE	43.1%

Figure 8: Waste Audit Summary



5.2 Capture Rate

Capture rate is the proportion of divertible waste materials which are successfully diverted from disposal compared to the total amount of the divertible waste materials generated. According to the MECP, Capture Rate is calculated as follows:

$$\text{Capture Rate} = \frac{\text{Total Divertible Material Captured (3Rs)}}{\text{Total Divertible Material Generated}} * 100\%$$

Thus, capture rate assists in determining the effectiveness of recycling programs. Table 10 summarizes the capture rate for the main divertible materials at Brock U.

Table 10: Capture Rate Summary

Divertible Material	Annual Material Generated Metric Tonnes	Annual 3Rs Quantity Captured Metric Tonnes	Capture Rate Percent
Cardboard	71.86	61.98	86.2%
Mixed Containers	149.04	48.22	32.4%
Mixed Papers	185.30	123.39	66.6%
Confidential Papers	9.78	9.78	100.0%
Scrap Metals	41.12	39.79	96.8%
Organics	402.39	215.71	53.6%
Oil & Grease	1.00	1.00	100.0%
Bulbs & Ballasts	0.71	0.71	100.0%
Electronic wastes	14.62	11.22	76.7%
Batteries	2.36	1.39	58.9%
Yard Wastes	38.95	38.95	100.0%
Printer Toners	0.34	0.34	100.0%
Used Furniture/Equipment	1.09	1.09	100.0%
LCBO/Beer Bottle Returns	0.20	0.20	100.0%
Textbook Donations	4.30	4.30	100.0%
Clothing Donations	0.20	0.20	100.0%
Water Bottle Filling Stations	17.26	17.26	100.0%
Overall Facility	940.53	575.54	61.2%

Capture rates of diverted materials ranged between approximately 32% and 100%. The overall capture rate of all recyclables on campus was determined to be 61.2%.

5.3 Year over Year Change in Waste Generation

Waste diversion rate and capture rate do not always demonstrate how effective a site's 3R programs are operating. This is due to the continual change of many important factors involved in waste and recyclable material generation on campus, such as number of students enrolled, floor area of buildings, etc. As student numbers change or more buildings are added to the campus, quantities of waste and recyclables change making it difficult to have a direct comparison of data between years. In 2012, Brock U start tracking 'Year over Year' changes in the amount of wastes

disposed and/or materials recycled per standard unit. This allows direct comparison of data from year to year, thus assisting the university in gaining an understanding of the effectiveness of their 3Rs programs. For Brock U, the most applicable standard unit is Full-time equivalent students, or FTE.

5.3.1 Year-over-Year Change in 3Rs Quantities

The ‘Year-over-Year Change in 3Rs Quantities’ is the indicator of the amount of materials diverted from disposal through reduce, reuse and/or recycle activities per FTE compared to previous data. Table 11 summarizes the results for the 2025 year compared previous years. A positive year-over-year change indicates 3Rs programs are improving over time.

Table 11: Yr-over-Yr Change in 3Rs Quantities

Period	Total 3Rs (MT)	FTE	Annual 3Rs Quantity (kg/FTE)	Yr-over-Yr Change in 3Rs Quantity (kg)
2011	1267.8	15905.1	79.7	--
2012	1316.7	16386.9	80.4	+0.7
2013	1266.3	16714.8	75.8	-4.6
2014	1237.1	17139.4	72.2	-3.6
2015	1392.4	17217	80.9	+8.7
2016	1383.1	16957	81.9	+1.0
2017	1372.1	17215.8	79.7	-2.2
2018	1459.7	17419.5	83.8	+4.1
2019	1688.9	17419.5	97.0	+13.2
2020	614.05	17801	34.5	-62.5
2021	750.84	17801	42.2	+7.7
2022	877.62	19131	45.9	+3.7
2023	857.58	18639 ⁽¹⁾	46.0	+0.1
2024	896.12	18639 ⁽¹⁾	48.1	+2.1
2025	575.54	18639 ⁽¹⁾	30.9	-17.2

Note 1: FTE = 18639 for 2022/23 Period.

Caution should be used when interpreting 2020, 2021 and 2022 data due to the unique challenges caused by the COVID-19 pandemic response.

5.3.2 Year-over-Year Change in Garbage Disposed

The ‘Year over Year Change in Garbage Disposed’ is the indicator of the amount of reduction in waste materials disposed to landfill due to reduction, reuse and recycling activities on campus. Table 12 summarizes the results for the 2025 year compared to pervious years. A reduction in the year over year value will indicate the university is continually reducing wastes disposed to landfill.

Table 12: Yr-over-Yr Change in Garbage Disposed

Period	Total Materials Disposed to Landfill (MT)	FTE	Annual Disposed Quantity (kg/FTE)	Yr-over-Yr Change in Disposed Quantity (kg)
2011	470.0	15905.1	29.6	--
2012	868.2	16386.9	52.9	+23.3
2013	673.7	16714.8	40.3	-12.6
2014	643.5	17139.4	37.5	-2.8
2015	640.3	17217	37.2	-0.3
2016	674.9	16957	39.8	+2.6
2017	538.5	17215.8	31.3	-8.5
2018	530.7	17419.5	30.5	-0.8
2019	739.8	17419.5	42.5	+12.0
2020	208.45	17801	11.7	-30.8
2021	147.47	17801	8.3	-3.4
2022	432.41	19131	22.6	+14.3
2023	532.27	18639 ⁽¹⁾	28.6	+6.0
2024	614.29	18639 ⁽¹⁾	33.0	+4.4
2025	758.30	18639 ⁽¹⁾	40.7	+7.7

Note 1: FTE = 18639 for 2022/23 Period.

Caution should be used when interpreting 2020, 2021 and 2022 data due to the unique challenges caused by the COVID-19 pandemic response.

6 Changes at Brock U in 2025

In 2025, Brock U continued to improve all existing waste diversion programs implemented on-site. The waste hauler serving Brock U changed in May 2025. As noted in the report, the specific number of bin pickups per location was not available thus overall garbage numbers could not be adjusted according to the site specific garbage density determined for BrockU in 2014. Bin weights reported by the hauler were used directly in this report.

7 Waste Audit Summary & Waste Reduction Work Plan

Refer to Appendix C and Appendix D for the Waste Audit Summary and the Waste Reduction Work Plan respectively. The last page of each set of forms in the appendices need to be signed by an authorized person at the University. According to O.Reg. 102/94, the Waste Reduction Work Plan (Appendix D) or a summary of the plan must be posted at the University in a place where staff/students can review it. If a summary is posted, the entire Work Plan should also be made available for review by any staff/student upon request.

8 Conclusions & Recommendations

Based on the results of the solid non-hazardous waste audit conducted for Brock U, the following conclusions can be made. Recommendations presented below are intended to assist Brock U in maximizing their waste diversion potential.

- In 2025, Brock U disposed of approximately 758.30 tonnes of solid waste in landfills. Approximately 575.54 tonnes of waste materials were diverted through existing reduce, reuse and recycling (3Rs) programs. This represents a waste diversion rate of approximately 43.1%. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050.
- Brock U maintains diversion programs for cardboard, mixed recycling, confidential papers, scrap metals, organics, coffee cups, oil and grease, bulbs and ballasts, electronic wastes, batteries, yard wastes, wood pallets, printer toners, used furniture/equipment donations, amber bottles (labs), LCBO/Beer Store returns, clothing donations, textbook reuse/recycling and reductions due to water bottle refilling installations.
- Waste diversion programs implemented at Brock U exceed the source separation requirements of O.Reg.103/94 for educational institutions.
- In total, 870.79 kg of waste materials were collected and sorted for the waste audit. The sample consisted of 75.8% garbage and 24.2% mixed recycling.
- Based on the results of the 2025 waste audit, DeCew Residence, Schmon Tower, Lowenberger Residence, Student Centre, EARP Residence, Outdoor bins, Cairns, GSB and Walker Complex were the most significant generators of garbage on campus, accounting for approximately 70% of the garbage stream sample.
- Based on the results of the 2025 waste audit, public areas, food services – kitchens and washrooms generated the most garbage on campus, accounting for approximately 81% of the garbage sample.
- Brock U has a 'mandatory' recyclable content of 6.1% in the combined garbage of the university (up from 4.0% in 2024). The main 'mandatory' recyclable materials were cardboard, fine papers and glass beverage containers. 'Other Recyclables' represented 76.8% of the sample (up from 70.4% in 2024) and consisted mainly of compostable materials (organics and compostable fibres). Non-recyclables represented approximately 17.1% of the sample (down from 25.7% in 2024).
- Capture rates of diverted materials ranged between approximately 32% and 100%. The overall capture rate of all recyclables on campus was determined to be 61.2%.
- Based on the waste audit results, it was estimated that approximately 23.0% of solid waste disposed to landfill consisted of organic materials, representing 174 MT annually. This is up from 16.8% in 2024. An organics 3Rs program is implemented on campus. It is recommended that Brock U focus attention on organics diversion in food service, public and office areas in order to capture and divert more organic materials from landfill.
- Based on the waste audit results, it was estimated that approximately 15.8% of solid waste disposed to landfill consisted of compostable fibres, or approximately 120 MT annually. This is down from 20.7% in 2024. Brock U may want to focus on washroom wastes in order to capture the majority of paper towels disposed to the garbage. Often paper towels can be mixed with cardboard or organic 3Rs programs depending on vendor specifications.

- Based on the waste audit results, the garbage stream was found to contain approximately 13.3% mixed containers (up from 10.8% in 2024) and 7.6% mixed papers (down from 15.8% in 2024). This represents approximately 101 MT and 58 MT of mixed containers and mixed papers respectively disposed to landfill annually. Brock U has implemented a mixed recycling 3Rs program that accepts mixed papers and mixed containers. Results suggest that better collection systems, improved labels, program promotion and/or student/employee/cleaner education may be required to capture more of these materials
- Based on the 24-hr mixed recycling sample collected for the waste audit, public areas, office areas and outdoor bins generated the most mixed recycling on campus, accounting for approximately 94% of the recycle sample.
- The mixed recycling sample consisted of 27.8% mixed containers, 24.1% mixed papers and 4.0% cardboard. The mixed recycling sample had a contamination rate of approximately 44.1%. Materials contributing to the contamination included compostable fibres, plastic films, organics, coffee cups, compostable dishware, textiles, non-recyclable items and PPE.
- It is recommended that Brock U continue to conduct studies to verify the density of wastes disposed to landfill, including the weight of compactor loads if possible.
- It is recommended that Brock U conduct studies to add and improve reduction and reuse weights to improve the university's diversion rate. For example, reduction credits can include reduced coffee cup weight disposed to landfill due to the implementation of a reusable coffee mug program on campus or reduced paper weight due to double-sided photocopiers operating on campus.
- Continue to use dedicated receptacles as part of a collection program. They should be made available at each location to assist students and staff in disposing of the waste materials accordingly at source.
 - Receptacles should include color coordination to identify the type of waste (i.e., green for organics/compost, blue for recycling, and black for garbage).
 - Receptacles should be sized accordingly based on the type of activity or use.
 - An example of dedicated, color-coded receptacles is provided below:



- Continue to provide clear signage with pictures/graphics to assist students and staff in identifying opportunities for proper disposal at the source. This can also assist students and staff

to identify their specific waste materials. This will help improve material capture rates. Examples of signage include the following:



- Promote a culture of waste diversion through education on the importance of waste diversion and communicate the corporate goals for waste diversion and sustainability. Create a positive message around the benefits of waste diversion, and the role that the individual plays. Set achievable goals and metrics, track year-over-year changes in waste diversion, capture rates and communicate progress to staff to encourage further participation/engagement.
- It is important that all staff and students at Brock U be made aware of all available recycling programs. Brock U staff should provide easy access to contact information for questions and/or help regarding the various recycling programs. The recycling programs should have as much consistency as possible across campus.
- Continuous monitoring and reporting for this site annually and comparison with year-over-year changes would provide insight into trends, which can then be used as a basis for policy decisions regarding solid waste management for future projects. Further refinements to programs and processes can be made and adherence to provincial requirements can be achieved.
- Support and encourage the purchase and use of “environmentally friendly”, reusable or recyclable materials and packaging, and/or those that contain recycled content.
- In order to be successful, the waste diversion program must have the full support of Brock U’s management team.
- According to O.Reg. 102/94, the Waste Reduction Work Plan (Appendix D) or a summary of the plan must be posted at the facility in a place where it can be viewed. If a summary of the work plan is posted, the full Work Plan must be made available for review upon request by any of the university’s staff or students.
- The waste audit report and waste reduction work plan must be retained on file for a minimum of five years.
- A waste audit report and waste reduction work plan must be conducted and updated annually.

Appendix A

Supporting Documentation

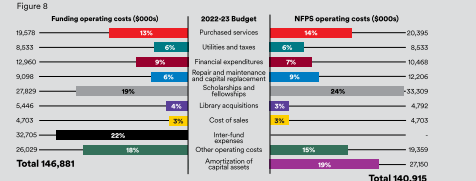
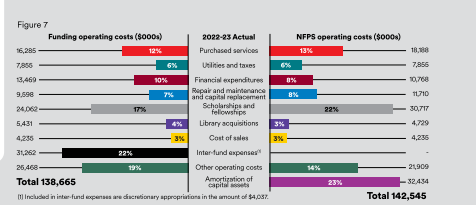
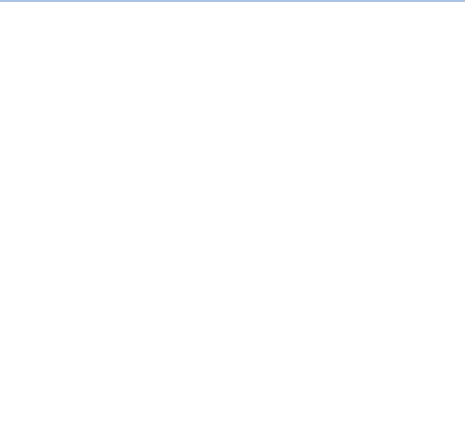
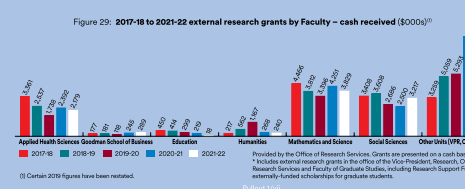
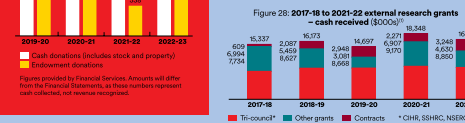
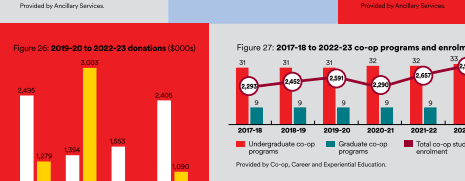
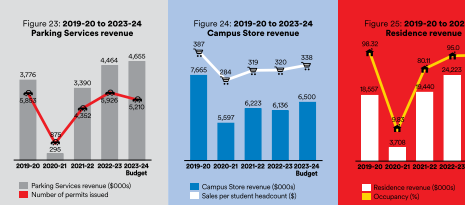
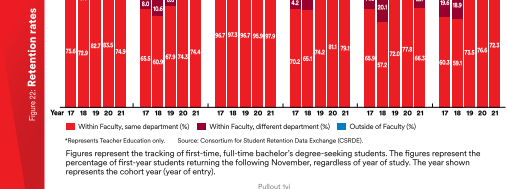
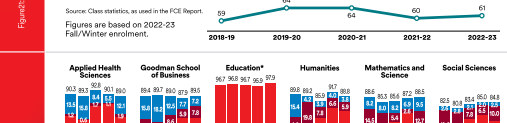
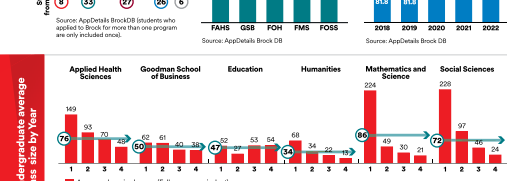
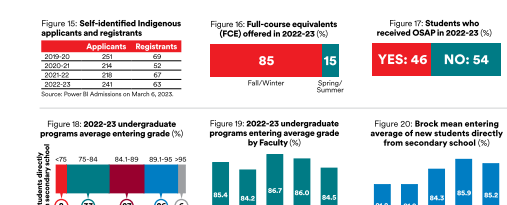
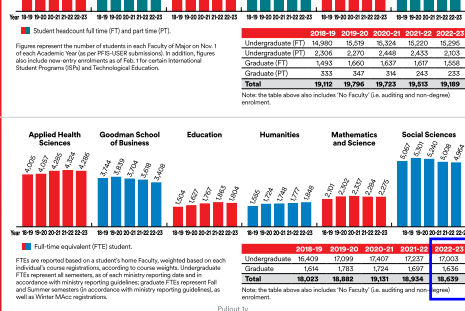
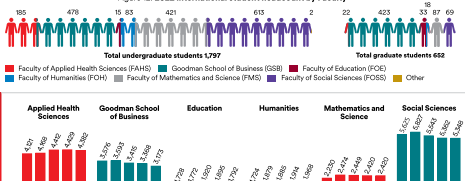
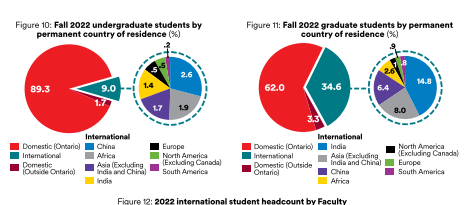


Figure 9: Personnel costs by group

Personnel group ⁽¹⁾ (\$000s)	2022-23 Actual Salary/wage	2022-23 Actual Benefits	2022-23 Actual Total	2022-23 Budget Salary/wage	2022-23 Budget Benefits	2022-23 Budget Total
Faculty and Professional Librarians	92,209	16,581	108,790	115,510	16,781	132,291
Administrative/Professional	48,064	12,480	60,544	59,565	14,083	73,648
OS/IT	6,824	2,324	9,148	7,858	2,473	10,331
CUPE 1955 FT	7,778	2,375	10,153	7,754	2,414	10,168
SAC	7,218	1,484	8,702	6,695	1,438	8,133
Other ongoing personnel	840	233	1,073	779	218	997
Total ongoing personnel	163,747	27,215	190,962	171,420	40,201	211,621
CUPE 4207/4201/4201	16,360	5,777	22,137	16,200	5,755	21,955
Other temporary personnel	15,338	1,563	16,901	14,827	1,581	16,408
Total temporary personnel	30,388	3,040	33,428	29,827	2,814	32,641
Total - Funding basis	194,135	40,255	234,390	201,247	43,015	244,262
Total - NFPS basis	200,872	43,240	244,112	204,477	43,753	248,230
Adjustments to NFPS (See page 61 for discussion of adjustments)		679	679	(1,707)	(1,707)	
Employee future benefits adjustment ⁽²⁾	6,757	104	6,861	480	578	7,439
Internal restricted funds and research personnel control ⁽³⁾	6,757	104	6,861	480	578	7,439
Total	207,629	43,944	251,573	204,477	43,753	248,230

⁽¹⁾ Faculty and Professional Librarians - SLPA members, Associate Deans, Associate Vice Presidents of Research and Academic Librarian, Librarian/Professional. ⁽²⁾ Funding administrative professional and support staff OS/IT - support and technical staff CUPE 1955 FT - full time maintenance, trades and custodial staff SAC - Senior Administrative Council. ⁽³⁾ Other ongoing - CUPE 4207/2, CUPE 4207/3, 8, FT/SE, CUPE 4207 - Unit 1 - librarians, teaching assistants, lab demonstrators, course coordinators and program graders. ⁽⁴⁾ Other temporary - all other part-time teaching and non-teaching positions. Faculty transfers and related transfers. ⁽⁵⁾ CUPE 1955 FT - full time maintenance, trades and custodial staff. ⁽⁶⁾ CUPE 4207/2, CUPE 4207/3, 8, FT/SE, CUPE 4207 - Unit 1 - librarians, teaching assistants, lab demonstrators, course coordinators and program graders. ⁽⁷⁾ Other temporary - all other part-time teaching and non-teaching positions. 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**Environmental Protection Act
Loi sur la protection de l'environnement**

Partial copy of
O.Reg.102/94

ONTARIO REGULATION 102/94

WASTE AUDITS AND WASTE REDUCTION WORK PLANS

Consolidation Period: From March 3, 1994 to the [e-Laws currency date](#).

No amendments.

This Regulation is made in English only.

**PART I
GENERAL**

1. In this Regulation,

“waste” means municipal waste as defined in Regulation 347 of the Revised Regulations of Ontario, 1990;

“waste audit” means a study relating to waste;

“waste reduction work plan” means a plan to reduce, reuse and recycle waste. O. Reg. 102/94, s. 1.

2. A waste audit required under this Regulation shall address,

(a) the amount, nature and composition of the waste;

(b) the manner by which the waste gets produced, including management decisions and policies that relate to the production of waste; and

(c) the way in which the waste is managed. O. Reg. 102/94, s. 2.

3. (1) A waste reduction work plan required under this Regulation shall include, to the extent that is reasonable, plans to reduce, reuse and recycle waste and shall set out who will implement each part of the plan, when each part will be implemented and what the expected results are.

(2) In developing the work plan, regard shall be had to the following principles:

1. Reduction is the first objective.

2. If reduction is not possible, then reuse is the next objective.

3. If reduction and reuse are not possible, then recycling is the final objective. O. Reg. 102/94, s. 3.

4. A person who is required under this Regulation to prepare a report of a waste audit or a waste reduction work plan shall prepare it on a form provided by the Ministry or in the same format as such a form. O. Reg. 102/94, s. 4.

5. (1) A person who is required under this Regulation to prepare a report of a waste audit or a waste reduction work plan shall retain a copy of the report or plan for at least five years after it was prepared.

(2) A person who is required under this Regulation to prepare a report of a waste audit or a waste reduction work plan shall submit to the Director, on request, the required report or plan, within seven days of the Director requesting them. O. Reg. 102/94, s. 5.

6. (1) A person who becomes subject to an obligation under this Regulation to prepare a report of a waste audit or a waste reduction work plan shall do so within six months of becoming subject to the obligation.

(2) This section does not apply with respect to updated reports or plans.

(3) This section does not apply with respect to obligations of a builder under Part IV or a demolisher under Part V. O. Reg. 102/94, s. 6.

7. (1) A new owner or operator to whom this Regulation applies is not required to conduct a new waste audit or prepare a new waste reduction work plan if an audit or work plan was conducted or prepared by a previous owner or operator and the new owner or operator updates the audit and work plan as required under this Regulation.

(2) This section does not apply with respect to a builder under Part IV or a demolisher under Part V. O. Reg. 102/94, s. 7.

8. (1) A person who has an obligation to conduct a waste audit and prepare a report under Part II, III, VI, VII, VIII, IX, X or XI in respect of more than one retail shopping establishment, retail shopping complex, building, restaurant, hotel or motel, hospital, location or campus of an educational institution, or site of a manufacturing establishment, may conduct a single

50. The waste reduction work plan shall include measures for communicating the plan to the operator's employees who work at the hospital and, as a minimum, those measures shall require,

- (a) that the plan or a summary be posted in places where most employees will see it; and
- (b) if a summary is posted, that any employee who requests to look at the plan be allowed to do so. O. Reg. 102/94, s. 50.

PART X
EDUCATIONAL INSTITUTIONS

51. (1) This Part applies to the operator of an educational institution in respect of a location or campus of the institution if, at the location or campus, at any time during the calendar year, more than 350 persons are enrolled.

(2) This Part continues to apply in respect of a location or campus for the two calendar years following the last year in which more than 350 persons were enrolled at the location or campus. O. Reg. 102/94, s. 51.

52. (1) The operator shall conduct a waste audit covering the waste generated by the operation of the institution at the location or campus. The audit shall also address the extent to which materials or products used consist of recycled or reused materials or products.

(2) After conducting the waste audit, the operator shall prepare a written report of the audit.

(3) In every year following the initial waste audit, the operator shall update the audit and prepare an updated written report. O. Reg. 102/94, s. 52.

53. (1) The operator shall prepare a written waste reduction work plan, based on the waste audit, to reduce, reuse and recycle waste generated by the operation of the institution at the location or campus.

(2) In every year following the preparation of the initial waste reduction work plan, the operator shall prepare an updated written plan. O. Reg. 102/94, s. 53.

54. The operator shall implement the waste reduction work plan as updated. O. Reg. 102/94, s. 54.

55. The waste reduction work plan shall include measures for communicating the plan to the operator's employees who work at the location or campus and, as a minimum, those measures shall require,

- (a) that the plan or a summary be posted in places where most employees will see it; and
- (b) if a summary is posted, that any employee who requests to look at the plan be allowed to do so. O. Reg. 102/94, s. 55.

PART XI
LARGE MANUFACTURING ESTABLISHMENTS

56. (1) This Part applies to the owner or operator of a site that is a manufacturing establishment.

(2) This Part does not apply to an owner of a site in a particular calendar year if,

- (a) during the two preceding calendar years there was no calendar month in which the hours worked by the persons employed at the site exceeded 16,000 hours; and
- (b) the owner is able to demonstrate this fact, within seven days of a request from the Director, through evidence satisfactory to the Director.

(3) Copies of the records related to hours of employment maintained under section 11 of the *Employment Standards Act* shall be deemed to be sufficient evidence of hours worked at a site if the copies are certified by the owner or the owner's representative as to the accuracy of the records.

(4) In this Part,

"owner" includes the operator of a manufacturing establishment but does not include a landlord;

"site" means one property and includes nearby properties owned or leased by the same person where passage from one property to another involves crossing, but not travelling along, a public highway. O. Reg. 102/94, s. 56.

57. (1) The owner shall conduct a waste audit covering the waste generated by the operation of the establishment at the site. The audit shall also address the extent to which materials or products used or sold consist of recycled or reused materials or products.

(2) After conducting the waste audit, the owner shall prepare a written report of the audit.

(3) In every year following the initial waste audit, the owner shall update the audit and prepare an updated written report. O. Reg. 102/94, s. 57.

58. (1) The owner shall prepare a written waste reduction work plan, based on the waste audit, to reduce, reuse and recycle waste generated by the operation of the establishment.

(2) In every year following the preparation of the initial waste reduction work plan, the owner shall prepare an updated written plan. O. Reg. 102/94, s. 58.

**Environmental Protection Act
Loi sur la protection de l'environnement**

Partial copy of
O.Reg.103/94

ONTARIO REGULATION 103/94

**INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL SOURCE SEPARATION
PROGRAMS**

Consolidation Period: From March 3, 1994 to the [e-Laws currency date](#).

No amendments.

This Regulation is made in English only.

SOURCE SEPARATION PROGRAMS

1. In this Regulation,

“Northern Ontario” means the territorial districts of Algoma, Cochrane, Kenora, Manitoulin, Nipissing, Parry Sound, Rainy River, Sudbury, Thunder Bay and Timiskaming and The Regional Municipality of Sudbury;

“source separation program” means a program to facilitate the source separation of waste for reuse or recycling. O. Reg. 103/94, s. 1.

2. (1) A source separation program required under this Regulation must include,

- (a) the provision of facilities for the collection, handling and storage of source separated wastes described in subsection (2) adequate for the quantities of anticipated wastes;
- (b) measures to ensure that the source separated wastes that are collected are removed;
- (c) the provision of information to users and potential users of the program,
 - (i) describing the performance of the program,
 - (ii) encouraging effective source separation of waste and full use of the program;
- (d) reasonable efforts to ensure that full use is made of the program and that the separated waste is reused or recycled.

(2) The source separated waste referred to in clause (1) (a) is waste that has been source separated from other kinds of waste and that consists solely of waste from one or more of the following categories:

- 1. The categories of waste set out in the part of the Schedule applicable to the person required to implement the source separation program.
- 2. The categories of waste set out in Schedule 1, 2 or 3 of Ontario Regulation 101/94 that the source separation program accepts.

(3) A source separation program required under this Regulation must provide for all the categories of waste set out in the part of the Schedule applicable to the person required to implement the program except for categories of waste that cannot be reasonably anticipated. O. Reg. 103/94, s. 2.

3. Source separation programs required by this Regulation are exempt from sections 27, 40 and 41 of the Act. O. Reg. 103/94, s. 3.

4. (1) A source separation program that is not required by this Regulation is exempt from sections 27, 40 and 41 of the Act if,

- (a) the program is restricted to waste generated at a single site;
- (b) the program only accepts waste that has been source separated from other kinds of waste and that consists solely of waste from one or more of the categories of waste set out in Schedule 1, 2 or 3 of Ontario Regulation 101/94;
- (c) the program includes everything set out in subsection 2 (1).

(2) For the purposes of clause (1) (c), the reference to source separated waste in clause 2 (1) (a) shall be deemed to be a reference to the waste described in clause (1) (b). O. Reg. 103/94, s. 4.

RETAIL SHOPPING ESTABLISHMENTS

5. (1) This section applies to the owner of an establishment that sells goods or services at retail to persons who come to the establishment if,

- (a) the establishment occupies premises with a floor area of at least 10,000 square metres;
or
- (b) the establishment occupies premises in a complex in respect of which section 6 applies and the owner of the establishment is solely responsible for the establishment's waste management.

(2) The owner shall implement a source separation program for the wastes generated by the establishment or shall ensure that such a program is implemented.

(3) This section applies only in respect of an establishment located within a local municipality that has a population of at least 5,000.

(4) This section takes effect with respect to an establishment in Northern Ontario on July 1, 1996. O. Reg. 103/94, s. 5.

RETAIL SHOPPING COMPLEXES

6. (1) This section applies to the owner of a complex that contains premises occupied by establishments that sell goods or services at retail to persons who come to the establishments if the total floor area of such premises is at least 10,000 square metres.

(2) The owner shall implement a source separation program for the wastes generated at the complex or shall ensure that such a program is implemented.

(3) The source separation program need not provide for the waste generated in the operation of an establishment in the complex if section 5 applies to the owner of the establishment.

(4) This section applies only in respect of a complex located in a local municipality that has a population of at least 5,000.

(5) This section takes effect with respect to a complex in Northern Ontario on July 1, 1996. O. Reg. 103/94, s. 6.

- (c) a building in respect of which section 9 applies;
- (d) a hotel or motel in respect of which section 12 applies;
- (e) a hospital in respect of which section 13 applies;
- (f) a location or campus of an educational institution in respect of which section 14 applies.

- (4) This section does not apply to an owner of a restaurant in a particular calendar year if,
- (a) during the two preceding calendar years there was no year in which the gross sales for all restaurants operated by the owner in Ontario equalled or exceeded \$3,000,000; and
 - (b) the owner is able to demonstrate this fact, within seven days of a request from the Director, through evidence satisfactory to the Director.

(5) Copies of the records related to purchase and sale maintained under subsection 5 (1) of Regulation 1013 of the Revised Regulations of Ontario, 1990 shall be deemed to be sufficient evidence of the gross sales of a restaurant if the copies are certified by the owner or the owner's representative as to the accuracy of the records.

(6) This section applies only in respect of a restaurant located within a local municipality that has a population of at least 5,000.

(7) This section takes effect with respect to a restaurant in Northern Ontario on July 1, 1996. O. Reg. 103/94, s. 11.

HOTELS AND MOTELS

12. (1) The owner of a hotel or motel that has more than seventy-five units shall implement a source separation program for the wastes generated by the operation of the hotel or motel or shall ensure that such a program is implemented.

(2) This section applies only in respect of a hotel or motel located within a local municipality that has a population of at least 5,000.

(3) This section takes effect with respect to a hotel or motel in Northern Ontario on July 1, 1996. O. Reg. 103/94, s. 12.

HOSPITALS

13. (1) The operator of a public hospital classified as a class A, B or F hospital in Regulation 964 of the Revised Regulations of Ontario, 1990 shall implement a source separation program for the wastes generated by the operation of the hospital or shall ensure that such a program is implemented.

(2) This section applies only in respect of a public hospital located within a local municipality that has a population of at least 5,000.

(3) This section takes effect with respect to a public hospital in Northern Ontario on July 1, 1996. O.Reg. 103/94, s. 13.

EDUCATIONAL INSTITUTIONS

14. (1) This section applies to the operator of an educational institution in respect of a location or campus of the institution if, at the location or campus, at any time during the

calendar year, more than 350 persons are enrolled.

(2) The operator shall implement a source separation program for the waste generated by the operation of the institution at the location or campus or shall ensure that such a program is implemented.

(3) This section continues to apply in respect of a location or campus for the two calendar years following the last year in which more than 350 persons were enrolled at the location or campus.

(4) This section applies only in respect of a location or campus located within a local municipality that has a population of at least 5,000.

(5) This section takes effect with respect to a location or campus in Northern Ontario on July 1, 1996. O. Reg. 103/94, s. 14.

LARGE MANUFACTURING ESTABLISHMENTS

15. (1) This section applies to the owner or operator of a site that is a manufacturing establishment.

(2) The owner shall implement a source separation program for the waste generated by the operation of the establishment at the site or shall ensure that such a program is implemented.

(3) This section does not apply to an owner of a site in a particular calendar year if,

(a) during the two preceding calendar years there was no calendar month in which the hours worked by the persons employed at the site exceeded 16,000 hours; and

(b) the owner is able to demonstrate this fact, within seven days of a request from the Director, through evidence satisfactory to the Director.

(4) Copies of the records related to hours of employment maintained under section 11 of the *Employment Standards Act* shall be deemed to be sufficient evidence of hours worked at a site if the copies are certified by the owner or the owner's representative as to the accuracy of the records.

(5) In this section,

“owner” includes the operator of a manufacturing establishment but does not include a landlord;

“site” means one property and includes nearby properties owned or leased by the same person where passage from one property to another involves crossing, but not travelling along, a public highway. O. Reg. 103/94, s. 15.

TRANSITION

16. Except as otherwise provided, a person who, upon the coming into force of this Regulation, or at any time within twelve months after the coming into force of this Regulation, becomes subject to an obligation with respect to the implementation of a source separation program shall fulfil the obligation within twelve months after the coming into force of this Regulation. O.Reg. 103/94, s. 16.

SCHEDULE

WASTES TO BE PROVIDED FOR IN SOURCE SEPARATION PROGRAMS

2. Cardboard (corrugated).
3. Fine paper.
4. Glass bottles and jars for food or beverages.
5. Newsprint.
6. Polyethylene terephthalate bottles for food or beverages (including bottles made primarily of polyethylene terephthalate).
7. Steel food or beverage cans (including cans made primarily of steel).

**PART IX
HOSPITALS**

(referred to in section 13)

1. Aluminum food or beverage cans (including cans made primarily of aluminum).
2. Cardboard (corrugated).
3. Fine paper.
4. Glass bottles and jars for food or beverages.
5. Newsprint.
6. Steel food or beverage cans (including cans made primarily of steel).

**PART X
EDUCATIONAL INSTITUTIONS**

(referred to in section 14)

1. Aluminum food or beverage cans (including cans made primarily of aluminum).
2. Cardboard (corrugated).
3. Fine paper.
4. Glass bottles and jars for food or beverages.
5. Newsprint.
6. Steel food or beverage cans (including cans made primarily of steel).

**PART XI
LARGE MANUFACTURING ESTABLISHMENTS**

(referred to in section 15)

1. Aluminum.
2. Cardboard (corrugated).
3. Fine paper.
4. Glass.
5. Newsprint.

CALIBRATION CERTIFICATE

DATE: March 27, 2025

SR # 25C035

CUSTOMER:

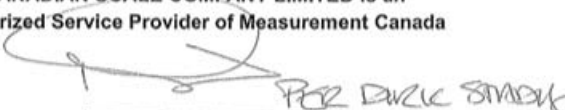
Waste Reduction Group
214 Merton St. #101
Toronto, ON M4S 1A6
admin@wastereductiongroup.ca

REMARKS

This is to certify that the following weights have been tested and verified in relation to the Standards maintained by **CANADIAN SCALE COMPANY LIMITED**, with test weights traceable to the Legal Metrology Laboratories of, Industry Canada and National Research Council, Canada.

EWH-150
Capacity - 150 kg
S/N - 202304095

**CANADIAN SCALE COMPANY LIMITED is an
Authorized Service Provider of Measurement Canada**



Technician's signature



CANADIAN SCALE COMPANY LIMITED
305 Horner Avenue, Toronto, ON M8W 1Z4
1-800-461-0634 www.canscale.com

Appendices

Appendix A: List of Categories

Material Category	Description
1. Paper and Paper Products	
Fine Paper	Includes mixed fine papers, writing paper, office paper, copy paper, bills and statements, ad mail, lottery tickets, receipts, envelopes, promotional cards, promotional calendars, printed information found within packaged products, etc. <ul style="list-style-type: none"> Also includes softcover books, booklets, magazines, catalogues, calendars, flyers, and inserts.
Newsprint	Major daily and weekly newspapers and community newspapers. Does not include flyers and inserts.
Shredded Confidential Papers	Any paper that has been shredded.
Boxboard	Single-layered paperboard and fibre board with no corrugation. This includes cereal boxes, shoe boxes, cores from toilet paper, paper towels, gift wrap, etc.
Kraft Paper	Kraft paper bags and wrap, grocery or retail bags, potato bags, pet food bags, etc. Includes brown, white, and coloured kraft paper and bags. No bags with bonded plastic or foil lining.
Corrugated Cardboard	Waxed or unwaxed corrugated cardboard containers. Includes moulded pulp materials such as egg cartons, drink trays, other trays, etc.
Gable Top Containers	Polycoat containers with a gable-shaped top are used for milk, juice, some foods, etc.
Aseptic Containers	Tetra-pak-type polycoat packaging containers are used for juice, milk, soups and broths, alternative milk beverages, and alcoholic beverages.
Composite Cans	Spiral-wound cans with paper walls and plastic or metal tops or bottoms. They contain frozen juice, Pringles chips, dough, some

	raisins, etc.
Coffee Cups	All cups and containers used for hot/cold beverages and food with a plastic or wax lining. Multiple-layered, primarily fibre, hot/cold food and beverage containers are common in the fast food industry. Includes paper-based cups with a plastic lining, water cooler cups, freezer boxes, etc.
2. Plastic	
#1 Polyethylene Terephthalate (PET)	All PET #1 plastics. This includes clear or coloured thermoform packaging, beverage bottles, and non-beverage bottles used for food and non-food items such as dish soap, shampoo, mouthwash, window cleaner, and floor cleaner. <ul style="list-style-type: none"> • Does not include Black Plastics.
#2 High-Density Polyethylene (HDPE)	All HDPE #2 plastics. Includes natural and coloured bottles, jugs, and containers for beverages, food items, and non-food items such as laundry soap, shampoo, bleach, vinegar, pill bottles, etc. <ul style="list-style-type: none"> • Does not include Black Plastics.
#4 Low-Density Polyethylene (LDPE) Films	All #4 LDPE plastic films. This includes soft, "stretchy" PE plastic used for items such as produce bags, water bottle overwraps, garbage bags, kitchen liners, blue or clear recycling bags, sandwich and freezer bags, etc. <ul style="list-style-type: none"> • Does not include Black Plastics.
#5 Polypropylene (PP)	All #5 PP plastics. Includes clear and coloured food containers, jugs, jars, take-out beverage cups, bottles, and jars for food items. <ul style="list-style-type: none"> • Does not include Black Plastics.
#6 Non-Expanded Polystyrene (PS)	All Non-Expanded (rigid) #6 PS plastics. Includes clear or coloured rigid food trays, clamshells, cup lids, yogurt cups, CD and DVD cases only (no disk), etc. <ul style="list-style-type: none"> • Does not include Black Plastics.
Other Recyclable Plastics (#3, 4, 7)	All other recyclable plastics (#3, 4, 7). Includes clear and coloured bottles, jugs, jars, and containers.

3. Glass/Metal	
Glass:	<p>All clear and coloured glass. Includes bottles and containers for food, beverages, cosmetics, toiletries, household pharmaceutical products, and candle jars.</p> <ul style="list-style-type: none"> Does not include non-recyclable glass such as windowpane glass, plates, drinking glasses, figures, or incandescent light bulbs.
Aluminum	<p>All aluminum containers and foils. Includes food and beverage containers, rigid aluminum trays (pie plates, baking trays, etc.), empty aerosol containers, and containers for hair products, tubes, etc.</p> <ul style="list-style-type: none"> Does not include full or partially full pressurized cans.
Steel	<p>All steel containers. Includes food and beverage containers, empty spray cans (for cooking oil, whipped cream, etc.), and empty paint cans.</p> <ul style="list-style-type: none"> Does not include full or partially full pressurized cans.
4. Organics	
Organic Food Waste	<p>All edible and non-edible organic waste from food items. Includes untouched and leftover bakery, meat & fish, dried food, fruits & vegetables, dairy, and other foods.</p>
Other Organics:	<p>All other organic materials that are not derived from food items. Includes yard waste, grass clippings, small wood waste, pet waste, diapers and sanitary products, certified compostable plastic bin liners, and other compostable papers.</p>
Compostable fibres	<p>Include paper towels, paper napkins, toilet papers, facial tissues, etc.</p>
5. Operational waste	
Other metals,	<p>Scrap metals, copper pipes, hardware, etc. Includes multi-material items that are mainly metal.</p>

Non-Treated Wood	<p>Non-treated wood materials. Includes skids/pallets, wooden furniture, etc.</p> <ul style="list-style-type: none"> Does not include branches, brush, or wood chips.
Batteries	All single-use and rechargeable batteries. Includes Alkaline-Manganese, Lithium, Silver Oxide, Zinc Air, Zinc-Carbon, etc.
Printer Toners	All ink cartridges and printer toners.
E-Waste	All waste is from electrical and electronic equipment (WEEE). Anything that is battery-operated and/or can be plugged into an electrical outlet. Includes computer/IT equipment, telecom equipment, TV & audio equipment, small kitchen appliances, wires/chargers /adapters, cocks, gadgets, etc.
Plastic Strapping	All Plastic Strapping material. This material is used to bundle products for retail sales and is available in various colours and plastic types.
Expanded Polystyrene	Includes white, coloured, and black polystyrene foam packaging. Includes food trays, clamshells, and similar items. Also includes foam packaging, "peanuts," and foam blocks used to protect boxed products.
6. Non-Recyclable Waste	
Non-Recyclable/Garbage	<p>All other non-recyclable waste materials not classified elsewhere. Includes hazardous waste, coffee cups, black plastics, and expanded polystyrene, all described below.</p> <p>Includes chip bags, furnace filters, laminated papers, rigid or durable plastics, non-recyclable glass, dust, single-use cleaning wipes, single-use coffee pods, plastic straws and cutlery, and materials too small to process.</p>
Hazardous Wastes	<p>Not all hazardous wastes are classified elsewhere. Includes full or partially full pressurized cans, paints, and oil containers.</p> <ul style="list-style-type: none"> Also includes fluorescent light bulbs and tubes, medical sharps and syringes, mercury-containing devices, pharmaceuticals, antifreeze, fertilizers, solvents, pesticides, etc. Also includes all other liquid or non-liquid items with signal words such as "Poison," "Danger," "Warning,"

	"Caution," and "Precautionary Statements."
Black Plastics	Includes all Black Plastics #1-7 and unmarked. <ul style="list-style-type: none">• Also includes rigid, durable, and expanded Black Plastics and black plastic bags.

Annual Data



Dedicated to the Community. Committed to the Environment.

BROCK UNIVERSITY 2025 WASTE AND RECYCLING REPORT

* Metric tonnes based on industry average

CUSTOMER # 015483

HARRISON HALL & POLICE BUILDING 0004

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
2 YARD WASTE	# of Pickups	5.00	4.00	4.00	1.00									14.00
	MT	0.33	0.30	0.30	0.97									1.90

EARP RESIDENCE 0007

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
8CY WASTE	# of Pickups	13.00	10.00	14.00	12.00									49.00
	MT	3.95	3.04	4.26	4.65									15.90
8CY MIXED RECYCLING	# of Pickups	8.00	7.00	8.00	8.00									31.00
	MT	2.30	2.02	2.30	2.38									9.00

QUARRY VIEW RESIDENCE (SOUTH) 0011

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
4CY WASTE	# of Pickups	26.00	21.00	26.00	24.00									97.00
	MT	3.95	3.19	3.95	7.00									18.09
6CY MIXED RECYCLING	# of Pickups	8.00	8.00	8.00	10.00									34.00
	MT	1.73	1.73	1.73	3.06									8.25

QUARRY VIEW RESIDENCE (NORTH) 0012

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
4CY WASTE	# of Pickups	5.00	4.00	5.00	14.00									28.00
	MT	0.76	0.61	0.76	4.20									6.33

LOWENBERG RESIDENCE 0015

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
6CY WASTE	# of Pickups	25.00	18.00	25.00	20.00									88.00
	MT	5.70	4.10	5.70	7.89									23.39
8CY MIXED RECYCLING	# of Pickups	8.00	7.00	8.00	10.00									33.00
	MT	2.30	2.02	2.30	3.20									9.82

VILLAGE RESIDENCE 0016

MONTH		January	February	March	April	May	June	July	August	September	October	November	December	Total
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NORTH RESIDENCE									
WELCH HALL									
BARN STORAGE AREA									
BROCK PLAZA									
MARILYN WALKER SCHOOL									
INTERNATIONAL BUILDING									
CAIRNS FAMILY HEALTH									
MARILYN WALKER SCHOOL OF PERFORMING ARTS									
BROCK SOUTH YARD 0054									
TARO STUDENT CENTRE 0026									
TOTAL OVERALL			281.04						

Brock University 2025 Tote Weights

Location	Bins Total	Weight in kg
Lowenberger Building	605	35090
Decew Residence	902	52316
Tower Dock	795	46110
Walker Complex	344	19952
International Building	10	580
Rosalind Blauer Childcare Centre	51	2958
Inniskillin Hall	302	17516
Central Utilities	49	2842
Marilyn I Walker	150	8700
Student Centre	494	28652
Total	3702	214716

Recycling and Waste Stream Summary

We have saved:



Landfilled	482.5 tons	90.1%
Diverted	53.3 tons	9.9%
Total	535.8 tons	100.0%



Paper 11.7 tons	Plastic 1.2 tons	Aluminum 1.2 tons	Glass 4.1 tons	Cardboard 35.1 tons
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These recycling efforts conserved the following resources:



703 mature trees
Enough to produce 8,706,448 sheets of newspaper



193 cubic yards of landfill space
Enough airspace to meet the disposal needs of 247 people



84,946 kW-hrs of electricity
Enough to power 8 homes for a full year



190 metric tons of CO2 equivalent
Preventing greenhouse gas emissions



327,926 gallons of water
Enough to meet the fresh water needs of 4,372 people for a year

Created on 03/11/2026

The recycling and waste data used in this report is based on actual customer data, historic WM studies, and EPA averages. For a more detailed analysis of your waste stream, talk to your WM rep about conducting a waste stream audit.

Subject: Re: Brock 2025 shredded paper collection data
From: Norman Kraft <niagararecyclingshredding@gmail.com>
Date: 02/02/2026 9:19 AM
To: Rebecca Anderson <randerson3@brocku.ca>

Good Morning

I met with the driver this morning and he provided a figure of 9,780 kgs for 2025.

Thanks

Norman

On Thu, Jan 29, 2026 at 10:04 AM Rebecca Anderson <randerson3@brocku.ca> wrote:

Hi Norman,

Thank you.

Yes, last year I received the info from Tammy: estimated 9,900 kgs for 2024.

Warm regards,

Rebecca Anderson, BSc, MS, LEED Green Assoc
Sustainability Coordinator,
Brock University | Facilities Management

1812 Sir Isaac Brock Way | St. Catharines, Ontario L2S 3A1 | brocku.ca

From: Norman Kraft <niagararecyclingshredding@gmail.com>
Sent: January 27, 2026 1:38 PM
To: Rebecca Anderson <randerson3@brocku.ca>
Subject: Re: Brock 2025 shredded paper collection data

Hi Rebecca,

We will provide you with an estimated weight as we have no means of weighing all the material we receive from Brock.

We will review the collections from 2025 and get back to you in the next week.

Do you have the data from 2024?

Thanks

Norman

On Tue, Jan 13, 2026 at 3:17 PM Rebecca Anderson <randerson3@brocku.ca> wrote:

Hello,

I hope this email finds you well. In order to complete Brock University's mandated waste audit report, we require the previous year's data on shredded paper collection. Could you please provide the total weights of shredded confidential paper picked up by Niagara Recycling from Brock's main campus (and if you collect it from Marilyn Walker as well) between January 1st, 2025 and December 31st, 2025?

Thank you in advance.

Warm regards,

Rebecca Anderson, BSc, MS, LEED Green Assoc
Sustainability Coordinator,
Brock University | Facilities Management

C 905 941 3558

Subject: RE: Brock University Scrap Metal Pick Up for 2025
From: Frank Ruffolo <fruffolo@ramiron.com>
Date: 13/01/2026 5:47 PM
To: Rebecca Anderson <randerson3@brocku.ca>

Hi Rebecca,

I hope all is well.

Here are Brock's totals for 2025. 1 NT equals 2000 lb.

Account	Grade	Weight	Amount
BROCK UNIVERSITY	#1 OS STEEL	1.50	220.50
BROCK UNIVERSITY	MIX OS SHRD	34.60	2254.25
BROCK UNIVERSITY	BALING TIN	3.06	201.30
Total:		39.16 NT	2676.05

Best Regards,

Frank Ruffolo

Director Sales & Marketing
Office: 416.630.4545 Ext. 332
Mobile: 416.991.6414
Email: fruffolo@ramiron.com
Website: www.ramiron.com



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Please consider your environmental responsibility before printing this e-mail - keep it electronic and save a tree!

From: Rebecca Anderson <randerson3@brocku.ca>
Sent: Tuesday, January 13, 2026 3:53 PM
To: Frank Ruffolo <fruffolo@ramiron.com>
Subject: Brock University Scrap Metal Pick Up for 2025

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Frank,

I hope this email finds you well. To complete our mandated waste audit report, we require the previous year's data on scrap metal collection. Could you please provide the total weights of scrap metal picked up by Ram from Brock University between January 1st, 2025 and December 31st, 2025?

Thank you in advance,

Rebecca Anderson, BSc, MS, LEED Green Assoc
Sustainability Coordinator,
Brock University | Facilities Management
C 905 941 3558



Total Weight Recycled

Brock University
Vendor # 04-BUSA
January 1, 2025 to December 31, 2025

EWASTE

Categories	Weight
Display Devices	2,731
Computer Equipment	5,202
Computer Peripherals	8,615
ITTAV	850
Batteries	443
Bulbs	2,120
Cartridges	757
Non-Eligible	3337
TOTAL	24,055 LBS (10,911.2 KG)

Categories

Display Devices: Television and Monitors

Computer Equipment: Desktop, Laptop, Notebook, Tablet PC,

Computer Peripherals: Smart Phones, Cell Phones, Hard Drives, Telephone Equipment, Printers, Mice, Keyboards, Wires, Cables, Audio Visual Equipment, Print Cartridges, Multifunction Devices, Home Stereo Equipment, Computer Fans, Connectors, AC Adapters, Circuit Boards

ITTAV: Networking Equipment, Satellite and Cable Receivers, Modems Routers, Video Game Console, etc.

Bulbs: Fluorescent bulbs, U or O Shaped, Copper Electrical Light Ballast, LED Bulbs, Mercury Vapour, Metal Halide, HID, HIM or High Pressure Sodium, Incandescent, Halogen and Compact Fluorescent, MR-16.

Non-Eligible: Aluminum, Copper/Copper Aluminum, Power Tools, Smoke Detectors, Mixed Metals, Vacuum Cleaners, T.V Boards, Small Household Appliances, Medical Equipment



ENVIRONMENTAL 360 SOLUTIONS LTD. Page 1 of 1

Battery Recycling Specialists

**17 Invertose Drive
Port Colborne, Ontario
Canada L3K 5V5**

**Brock University
c/o Kevin Lawr
500 Glenridge Avenue
St. Catharines, ON
Canada L2S 3A1**

**Certification of Destruction and Recycling
Jan-01-2025 - Dec-31-2025**

Please accept this certificate as proof of receipt, destruction, and recycling of the following material.

Date	Item	Weight (Lbs.)	Weight (Kgs.)
2025-03-14	COMPUTER COMPONENTS	182	83
2025-03-14	PLASTIC	16	7
2025-03-14	UPS	422	191
2025-03-14	WIRE	10	5
		630	286



Battery Recycling Specialists

17 Invertose Drive
Port Colborne, Ontario
Canada L3K 5V5

Brock University
500 Glenridge Avenue
St. Catharines, ON
Canada L2S 3A1

Certification of Destruction and Recycling
Jan-01-2025 - Dec-31-2025

Please accept this certificate as proof of receipt, destruction, and recycling of the following material.

Date	Item	Weight (Lbs.)	Weight (Kgs.)
2025-03-14	ALKALINE CELLS	388	176
2025-06-13	ALKALINE CELLS	67	30
2025-07-11	ALKALINE CELLS	1	0
2025-10-31	ALKALINE CELLS	205	93
2025-03-14	BUTTON CELLS	3	1
2025-06-13	BUTTON CELLS	1	0
2025-03-14	COMPUTER COMPONENTS	2	1
2025-10-31	COMPUTER COMPONENTS	36	16
2025-03-14	LITHIUM CELLS	7	3
2025-06-13	LITHIUM CELLS	2	1
2025-10-31	LITHIUM CELLS	1	0
2025-03-14	LITHIUM ION CELLS	22	10
2025-06-13	LITHIUM ION CELLS	4	2
2025-07-11	LITHIUM ION CELLS	6	3
2025-10-31	LITHIUM ION CELLS	12	5
2025-03-14	NI-CAD - SEALED CELLS	4	2
2025-06-13	NI-CAD - SEALED CELLS	1	0
2025-10-31	NI-CAD - SEALED CELLS	1	0
2025-03-14	NI-CAD - SEALED TOOL PACKS	20	9
2025-06-13	NI-CAD - SEALED TOOL PACKS	6	3
2025-10-31	NI-CAD - SEALED TOOL PACKS	3	1
2025-03-14	NICKEL METAL HYDRIDE CELLS	8	4
2025-06-13	NICKEL METAL HYDRIDE CELLS	2	1
2025-07-11	NICKEL METAL HYDRIDE CELLS	1	0
2025-10-31	NICKEL METAL HYDRIDE CELLS	4	2
2025-10-31	SCRAP METAL	9	4
2025-10-31	SEALED LEAD ACID - IND	106	48
2025-03-14	SEALED LEAD ACID CELLS	65	29
2025-06-13	SEALED LEAD ACID CELLS	13	6



Battery Recycling Specialists

**17 Invertose Drive
Port Colborne, Ontario
Canada L3K 5V5**

**Brock University
500 Glenridge Avenue
St. Catharines, ON
Canada L2S 3A1**

**Certification of Destruction and Recycling
Jan-01-2025 - Dec-31-2025**

Please accept this certificate as proof of receipt, destruction, and recycling of the following material.

Date	Item	Weight (Lbs.)	Weight (Kgs.)
2025-07-11	SEALED LEAD ACID CELLS	621	282
2025-10-31	SEALED LEAD ACID CELLS	317	144
2025-12-12	SEALED LEAD ACID CELLS	494	224
		2432	1,103

Subject: RE: 2025 liquor bottle disposal for waste audit report
From: Dave O'Connor <DOConnor@brockbusu.ca>
Date: 14/01/2026 11:25 AM
To: Rebecca Anderson <randerson3@brocku.ca>

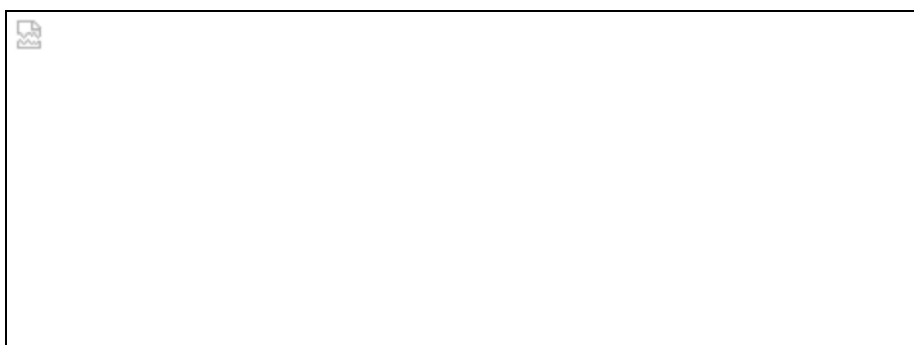
Hi Rebecca,

We recycled approx. 400 wine, liquor, beer bottles. (Isaacs was only operational for 3 months)

We recycled 2200 lbs of fryer oil .

Thanks

Dave



From: Rebecca Anderson <randerson3@brocku.ca>
Sent: Tuesday, January 13, 2026 4:06 PM
To: Dave O'Connor <DOConnor@brockbusu.ca>
Subject: 2025 liquor bottle disposal for waste audit report

Hi Dave,

It is that time again where we need to collect data for our annual waste audit report. Could you please provide the total amount/weights of beer and liquor bottles disposed of from Isaac's between January 1st, 2025 and December 31st, 2025? And could you also provide the amount of fryer oil picked up during this time period? As I believe you use a different hauler for that than Davidson.

Thank you in advance!

Warm regards,
Rebecca Anderson, BSc, MS, LEED Green Assoc
Sustainability Coordinator,
Brock University | Facilities Management
C 905 941 3558

Appendix B

Waste Audit Data

Waste Audit Schedule - Brock University- Fall 2025

Location	Size	24 hours Audit period	Buildings Using Waste bins	Collected Day
Day 1				
Walker Complex	8 CY	6am-6am	Walker Complex	Oct 27
South Block		6am-6am	South Block (Hungry Badger and Tim Hortons)	Oct 27
Kenmore	2 CY	6am-6am	Kenmore	Oct 27
Harrison Hall		6am-6am	Harrison Hall	Oct 27
Welch Hall	8 CY	6am-6am	Welch Hall (General Store)	Oct 27
CUB	6 CY	6am-6am	CUB	Oct 27
Day 2				
Cairns	6 CY	6am-6am	Cairns	Oct 28
Plaza- Book Store	8 CY Compactor	6am-6am	Plaza building	Oct 28
Student Centre		6am-6am	Student Centre (Isaac's and Union Station)	Oct 28
GSB		6am-6am	GSB building	Oct 28
Day 3				
Heritage Place Plaza	4 CY	6am-6am	Heritage Place Plaza	Oct 29
BRIC	2 CY	6am-6am	BRIC (down the road)	Oct 29
All Outdoor Bins		6am-6am	All outdoor garbage to be collected and placed out by the old	Oct 29
Day 4				
Alphie's Trough	28 CY Compactor	6am-6am	Alphie	Oct 30
Schmon Tower		6am-6am	Schmon Tower	Oct 30
Thistle		6am-6am	Thistle (Market and Tim Hortons)	Oct 30
Scotia Bank Hall		6am-6am	Scotia Bank Hall	Oct 30
Day 5				
International Building	4 CY	6am-6am	International Building	Nov 3
573 Glenridge		6am-6am	573 Glenridge	Nov 3
East Academic		6am-6am	East Academic 1, 2 and 3	Nov 3
QuarryView North	4 CY	6am-6am	QuarryView Residence	Nov 3
QuarryView South	4 CY	6am-6am	QuarryView Residence	Nov 3
Gateway Suites		6am-6am	Gateway Suites	Nov 3
Day 6				
Residence 8	6 CY	6am-6am	Residence 8	Nov 4
Earp Residence		6am-6am	Earp Residence	Nov 4
Decew North Residence	8 CY	6am-6am	Decew North Residence	Nov 4
Decew Dining/Kitchen		6am-6am	Decew Kitchen	Nov 4
Vallee Residence		6am-6am	Vallee Residence	Nov 4
Mac Chown- INN Hall	8 CY Compactor	6am-6am	Mackenzie Chown Blocks A-J, Inniskillin Hall	Nov 4
Day 7				
Daycare	4 CY	6am-6am	Daycare	Nov 5
Lowenberger	6 CY	6am-6am	Lowenberger residence and Dining Hall	Nov 5
Village	6.5 Earthbins	6am-6am	Village Residence	Nov 5
	6.5 Earthbins	6am-6am	Village Residence	Nov 5
	6.5 Earthbins	6am-6am	Village Residence	Nov 5
	6.5 Earthbins	6am-6am	Village Residence	Nov 5
	6.5 Earthbins	6am-6am	Village Residence	Nov 5
Day 8				
Burlington Campus	6 CY	6am-6am	Burlington Campus - Off of main Campus, located in	Nov 6
Marilyn I Walker School	2 CY	6am-6am	Marilyn I Walker School- Downtown	Nov 6

Audit Day
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Waste Audit Report
 Brock University
 WRG Project P1236

Table B2: GARBAGE Waste Audit Sample Summary

Audit Location	Audited Building Name	Fall Audit Date	Fall Sample kg
1	Walker Complex	Oct28/25	27.16
2	South Block	Oct28/25	0.00
3	Harrison Hall/Kenmore Hall	Oct28/25	2.22
4	Welch Hall	Oct28/25	22.64
5	CUB	Oct28/25	2.36
6	Cairns	Oct29/25	27.80
7	Plaza - Bookstore	Oct29/25	24.25
8	Student Centre	Oct29/25	36.06
9	GSB	Oct29/25	27.73
10	BRIC	Oct30/25	2.28
11	Outdoor Bins	Oct30/25	30.38
12	Alphie's Trough	Oct31/25	6.51
13	Tower	Oct31/25	62.54
14	Thistle	Oct31/25	18.21
15	Scotia Bank Hall	Oct31/25	12.71
16	East Academic	Nov4/25	9.83
17	EARP Residence	Nov5/25	32.27
18	Decew Residence	Nov5/25	174.06
19	Vallee Residence	Nov5/25	14.56
20	MacKenzie Chowm-Inniskillin	Nov5/25	11.42
21	Daycare	Nov6/25	20.76
22	Lowenberger	Nov6/25	44.53
23	Village Residence	Nov6/25	18.62
24	Burlington Campus	Nov7/25	13.10
25	Marlyn I Walker School	Nov7/25	17.64
Total Sample:			659.64

Table B3: Overall 2025 FALL GARBAGE Composition Summary

Area of Collection:	Office & Admin		Public Areas		Washrooms		Food Services Kitchens		Food Services Dining		Labs		Residences		Unlabelled		Outdoor Bins		Total	
Total Weight of Sample (in kg):	22.71		218.06		115.99		199.78		3.85		18.83		18.62		31.42		30.38		659.64	
Total Percent of Sample (in %):	3.4%		33.1%		17.6%		30.3%		0.6%		2.9%		2.8%		4.8%		4.6%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers																				
PET (#1)	0.20	0.9%	8.29	3.8%	0.40	0.3%	0.35	0.2%	0.00	0.0%	1.27	6.7%	0.96	5.2%	0.54	1.7%	0.60	2.0%	12.61	1.9%
HDPE (#2)	0.25	1.1%	3.65	1.7%	0.07	0.1%	0.95	0.5%	0.00	0.0%	0.00	0.0%	0.45	2.4%	0.00	0.0%	0.22	0.7%	5.59	0.8%
PP (#5)	0.58	2.6%	13.28	6.1%	0.80	0.7%	1.25	0.6%	0.04	1.0%	0.05	0.3%	0.91	4.9%	0.06	0.2%	0.59	1.9%	17.56	2.7%
PS (#6)	0.76	3.3%	3.79	1.7%	0.04	0.0%	0.16	0.1%	0.01	0.3%	1.24	6.6%	0.05	0.3%	0.03	0.1%	0.67	2.2%	6.75	1.0%
Glass	1.69	7.4%	4.42	2.0%	0.31	0.3%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.46	1.5%	0.60	2.0%	7.48	1.1%
Aluminum	0.20	0.9%	3.78	1.7%	0.19	0.2%	0.94	0.5%	0.01	0.3%	0.08	0.4%	0.02	0.1%	0.02	0.1%	0.60	2.0%	5.84	0.9%
Steel	0.13	0.6%	5.84	2.7%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.17	0.9%	0.00	0.0%	0.12	0.4%	6.26	0.9%
Gable Top	0.20	0.9%	0.74	0.3%	0.00	0.0%	0.81	0.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.06	0.2%	1.81	0.3%
Aseptic	0.04	0.2%	1.86	0.9%	0.17	0.1%	0.69	0.3%	0.00	0.0%	0.01	0.1%	0.00	0.0%	0.02	0.1%	0.42	1.4%	3.21	0.5%
Total Mixed Papers																				
Fine Paper	1.69	7.4%	3.75	1.7%	0.62	0.5%	0.89	0.4%	0.04	1.0%	0.10	0.5%	0.00	0.0%	0.95	3.0%	0.01	0.0%	8.05	1.2%
Newsprint	0.00	0.0%	0.16	0.1%	0.01	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.17	0.0%
Boxboard	0.79	3.5%	8.50	3.9%	1.68	1.4%	2.76	1.4%	1.95	50.6%	0.35	1.9%	3.04	16.3%	0.20	0.6%	4.33	14.3%	23.60	3.6%
Other Paper Fibres	2.22	9.8%	7.17	3.3%	1.46	1.3%	3.36	1.7%	0.08	2.1%	0.00	0.0%	1.45	7.8%	0.15	0.5%	1.91	6.3%	17.80	2.7%
Corrugated Cardboard	0.06	0.3%	8.86	4.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.99	5.3%	0.04	0.1%	0.60	2.0%	10.55	1.6%
Coffee Cups	1.53	6.7%	9.35	4.3%	0.65	0.6%	0.99	0.5%	0.05	1.3%	0.04	0.2%	0.00	0.0%	1.58	5.0%	4.93	16.2%	19.12	2.9%
Coffee Pods	0.00	0.0%	0.39	0.2%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.39	0.1%
Other Paper Drink Cups	0.00	0.0%	2.04	0.9%	0.00	0.0%	0.09	0.0%	0.41	10.6%	0.00	0.0%	0.00	0.0%	0.01	0.0%	0.00	0.0%	2.55	0.4%
Organic Food Waste	4.04	17.8%	58.58	26.9%	2.91	2.5%	117.98	59.1%	0.91	23.6%	0.07	0.4%	0.00	0.0%	2.54	8.1%	1.12	3.7%	188.15	28.5%
Compostable Fibres	2.50	11.0%	19.13	8.8%	93.25	80.4%	5.05	2.5%	0.03	0.8%	2.15	11.4%	1.68	9.0%	2.13	6.8%	3.56	11.7%	129.48	19.6%
Compostable Dishware	0.06	0.3%	2.28	1.0%	0.00	0.0%	0.06	0.0%	0.00	0.0%	0.00	0.0%	2.62	14.1%	8.55	27.2%	0.00	0.0%	13.57	2.1%
LDPE Plastic Films	5.02	22.1%	28.44	13.0%	8.26	7.1%	53.50	26.8%	0.32	8.3%	9.90	52.6%	4.82	25.9%	5.33	17.0%	9.36	30.8%	124.96	18.9%
Styrofoam	0.01	0.0%	0.28	0.1%	0.00	0.0%	0.03	0.0%	0.00	0.0%	0.01	0.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.33	0.1%
Other Plastics	0.19	0.8%	0.75	0.3%	1.11	1.0%	0.32	0.2%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.08	0.3%	2.45	0.4%
Scrap Metal	0.00	0.0%	1.44	0.7%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	1.44	0.2%
Scrap Wood	0.11	0.5%	0.85	0.4%	0.13	0.1%	0.26	0.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	1.41	4.5%	0.00	0.0%	2.76	0.4%
Textiles	0.05	0.2%	6.63	3.0%	0.09	0.1%	0.41	0.2%	0.00	0.0%	0.00	0.0%	0.97	5.2%	1.56	5.0%	0.00	0.0%	9.71	1.5%
Shoes/Boots	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Office Supplies (Pens/Markers, etc)	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Takes out food packaging	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Food/snack wrappers	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
PPE	0.18	0.8%	2.16	1.0%	0.65	0.6%	5.42	2.7%	0.00	0.0%	1.47	7.8%	0.00	0.0%	0.21	0.7%	0.00	0.0%	10.09	1.6%
Gloves	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Single-use plastics	0.00	0.0%	0.14	0.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.14	0.0%
Lab Plastics	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Lab Glass	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
E-waste	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Bulbs	0.00	0.0%	1.31	0.6%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	1.31	0.2%
Batteries	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Printer Toners	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
Non-recyclable	0.21	0.9%	10.20	4.7%	3.19	2.8%	3.51	1.8%	0.00	0.0%	2.09	11.1%	0.49	2.6%	5.63	17.9%	0.60	2.0%	25.92	3.9%
QA/QC Check	22.71	100.0%	218.06	100.0%	115.99	100.0%	199.78	100.0%	3.85	100.0%	18.83	100.0%	18.62	100.0%	31.42	100.0%	30.38	100.0%	659.64	100.0%
Total Mixed Containers	4.05	17.8%	45.65	20.9%	1.98	1.7%	5.15	2.6%	0.06	1.6%	2.65	14.1%	2.56	13.7%	1.13	3.6%	3.88	12.8%	67.11	10.2%
Total Mixed Papers	4.70	20.7%	19.58	9.0%	3.77	3.3%	7.01	3.5%	2.07	53.8%	0.45	2.4%	4.49	24.1%	1.30	4.1%	6.25	20.6%	49.62	7.5%

Table B4: Overall 2015 SUMMER GARBAGE Composition Summary

Area of Collection:	Office & Admin		Public Areas		Washrooms		Food Services Kitchens		Food Services Dining		Labs		Residences		Food Services Tenant Space		Outdoor Bins		Total	
Total Weight of Sample (in kg):	29.02		67.49		11.85		0.00		0.00		0.00		0.00		51.40		0.00		159.75	
Total Percent of Sample (in %):	18.2%		42.2%		7.4%		0.0%		0.0%		0.0%		0.0%		32.2%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers	PET (#1)	4.26	14.7%	5.25	7.8%	0.13	1.1%								0.00	0.0%			9.64	6.0%
	HDPE (#2)	0.88	3.0%	0.56	0.8%	0.00	0.0%								0.00	0.0%			1.44	0.9%
	PP (#5)	2.17	7.5%	4.56	6.8%	0.13	1.1%								0.00	0.0%			6.86	4.3%
	PS (#6)	3.50	12.1%	6.31	9.3%	0.16	1.4%								0.00	0.0%			9.97	6.2%
	Glass	0.47	1.6%	3.02	4.5%	0.00	0.0%								0.00	0.0%			3.49	2.2%
	Aluminum	2.54	8.7%	1.36	2.0%	0.09	0.8%								0.00	0.0%			3.99	2.5%
	Steel	0.00	0.0%	0.76	1.1%	0.00	0.0%								0.00	0.0%			0.76	0.5%
	Gable Top	0.52	1.8%	3.14	4.7%	0.01	0.1%								0.00	0.0%			3.67	2.3%
	Aseptic	0.87	3.0%	1.11	1.7%	0.01	0.1%								0.00	0.0%			1.99	1.2%
Total Mixed Papers	Fine Paper	0.88	3.0%	1.44	2.1%	0.13	1.1%								0.06	0.1%			2.52	1.6%
	Newsprint	0.28	1.0%	0.22	0.3%	0.47	4.0%								0.00	0.0%			0.98	0.6%
	Boxboard	0.10	0.4%	3.03	4.5%	0.02	0.1%								0.26	0.5%			3.41	2.1%
	Other Paper Fibres	0.84	2.9%	3.91	5.8%	0.16	1.3%								0.82	1.6%			5.73	3.6%
Corrugated Cardboard		0.13	0.4%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.13	0.1%
Coffee Cups		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Coffee Pods		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Other Paper Drink Cups		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Organic Food Waste		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Compostable Fibres		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Compostable Dishware		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
LDPE Plastic Films		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Styrofoam		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Other Plastics		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Scrap Metal		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Scrap Wood		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Textiles		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Shoes/Boots		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Office Supplies (Pens/Markers, etc)		0.13	0.5%	1.57	2.3%	4.50	38.0%								5.33	10.4%			11.54	7.2%
Take out food packaging		1.31	4.5%	4.57	6.8%	0.87	7.3%								2.69	5.2%			9.43	5.9%
Food/snack wrappers		3.16	10.9%	17.17	25.4%	3.07	25.9%								24.20	47.1%			47.61	29.8%
PPE		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Gloves		0.32	1.1%	1.50	2.2%	0.00	0.0%								0.19	0.4%			2.00	1.3%
Single-use plastics		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Lab Plastics		0.00	0.0%	0.18	0.3%	0.00	0.0%								0.42	0.8%			0.60	0.4%
Lab Glasses		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Ewaste		2.21	7.6%	0.15	0.2%	0.00	0.0%								0.00	0.0%			2.37	1.5%
Bulbs		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Batteries		0.00	0.0%	1.05	1.6%	0.00	0.0%								0.00	0.0%			1.05	0.7%
Printer Toners		0.00	0.0%	0.00	0.0%	0.00	0.0%								0.00	0.0%			0.00	0.0%
Non-recyclable		4.44	15.3%	6.61	9.8%	2.10	17.7%								17.41	33.9%			30.56	19.1%
QAQC Check		29.02	100.0%	67.49	100.0%	11.85	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	51.40	100.0%		159.75	100.0%
Total Mixed Containers		15.21	52.4%	25.08	38.6%	0.54	4.5%								0.00	0.0%			41.82	26.2%
Total Mixed Papers		2.10	7.2%	8.60	12.8%	0.78	6.6%								1.15	2.2%			12.64	7.9%

Table B5: Overall FALL/SUMMER COMBINED GARBAGE Composition Summary

Area of Collection:	Office & Admin		Public Areas		Washrooms		Food Services Kitchens		Food Services Dining		Labs		Residences		Unlabelled		Outdoor Bins		Total		
Total Weight of Sample (in kg):	51.73		285.55		127.84		199.78		3.85		18.83		18.62		82.82		30.38		819.39		
Total Percent of Sample (in %):	6.3%		34.8%		15.6%		24.4%		0.5%		2.3%		2.3%		10.1%		3.7%		100.0%		
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	
Total Mixed Containers	PET (#1)	4.46	8.6%	13.54	4.7%	0.53	0.4%	0.35	0.2%	0.00	0.0%	1.27	6.7%	0.96	5.2%	0.54	0.60	2.0%	27.25	2.7%	
	HDPE (#2)	1.13	2.2%	4.21	1.5%	0.07	0.1%	0.95	0.5%	0.00	0.0%	0.00	0.0%	0.45	2.4%	0.00	0.0%	0.22	0.7%	7.03	0.9%
	PP (#5)	2.75	5.3%	17.84	6.2%	0.93	0.7%	1.25	0.6%	0.04	1.0%	0.05	0.3%	0.91	4.9%	0.06	0.1%	0.59	1.9%	24.42	3.0%
	PS (#6)	4.26	8.2%	10.10	3.5%	0.20	0.2%	0.16	0.1%	0.01	0.3%	1.24	6.6%	0.05	0.3%	0.03	0.0%	0.67	2.2%	16.72	2.0%
	Glass	2.16	4.2%	7.44	2.6%	0.31	0.2%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.46	0.6%	0.60	2.0%	10.97	1.3%
	Aluminum	2.74	5.3%	5.14	1.8%	0.28	0.2%	0.94	0.5%	0.01	0.3%	0.08	0.4%	0.02	0.1%	0.02	0.0%	0.60	2.0%	9.83	1.2%
	Steel	0.13	0.3%	6.60	2.3%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.17	0.9%	0.00	0.0%	0.12	0.4%	7.02	0.9%		
	Gable Top	0.72	1.4%	3.88	1.4%	0.01	0.0%	0.81	0.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.06	0.2%	5.48	0.7%
	Aseptic	0.91	1.8%	2.97	1.0%	0.18	0.1%	0.69	0.3%	0.00	0.0%	0.01	0.1%	0.00	0.0%	0.02	0.0%	0.42	1.4%	5.20	0.6%
Total Mixed Papers	Fine Paper	2.57	5.0%	5.19	1.8%	0.75	0.6%	0.89	0.4%	0.04	1.0%	0.10	0.5%	0.00	0.0%	1.01	1.2%	0.01	0.0%	10.57	1.3%
	Newsprint	0.28	0.5%	0.38	0.1%	0.48	0.4%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	1.15	0.1%
	Boxboard	0.89	1.7%	11.53	4.0%	1.70	1.3%	2.76	1.4%	1.95	50.6%	0.35	1.9%	3.04	16.3%	0.46	0.6%	4.33	14.3%	27.01	3.3%
	Other Paper Fibres	3.06	5.9%	11.08	3.9%	1.62	1.3%	3.36	1.7%	0.08	2.1%	0.00	0.0%	1.45	7.8%	0.97	1.2%	1.91	6.3%	23.53	2.9%
Corrugated Cardboard		0.19	0.4%	8.86	3.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.99	5.3%	0.04	0.0%	0.60	2.0%	10.68	1.3%
Coffee Cups		1.53	3.0%	9.35	3.3%	0.65	0.5%	0.99	0.5%	0.05	1.3%	0.04	0.2%	0.00	0.0%	1.58	1.9%	4.93	16.2%	19.12	2.3%
Coffee Pods		0.00	0.0%	0.39	0.1%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.39	0.0%
Other Paper Drink Cups		0.00	0.0%	2.04	0.7%	0.00	0.0%	0.09	0.0%	0.41	10.6%	0.00	0.0%	0.00	0.0%	0.01	0.0%	0.00	0.0%	2.55	0.3%
Organic Food Waste		4.04	7.8%	58.58	20.5%	2.91	2.3%	117.98	59.1%	0.91	23.6%	0.07	0.4%	0.00	0.0%	2.54	3.1%	1.12	3.7%	188.15	23.0%
Compostable Fibres		2.50	4.8%	19.13	6.7%	93.25	72.9%	5.05	2.5%	0.03	0.8%	2.15	11.4%	1.68	8.0%	2.13	2.6%	3.56</			

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Table B6: RECYCLE FALL Waste Audit Sample Summary

Audit Location	Audited Building Name	Audit Date	Total Sample kg
1	Walker Complex	Oct28/25	7.57
2	South Block	Oct28/25	49.07
3	Harrison Hall/Kenmore Hall	Oct28/25	---
4	Welch Hall	Oct28/25	2.38
5	CUB	Oct28/25	7.96
6	Cairns	Oct29/25	19.00
7	Plaza - Bookstore	Oct29/25	---
8	Student Centre	Oct29/25	---
9	GSB	Oct29/25	---
10	BRIC	Oct30/25	---
11	Outdoor Bins	Oct30/25	47.32
12	Alphie's Trough	Oct31/25	1.09
13	Tower	Oct31/25	34.17
14	Thistle	Oct31/25	---
15	Scotia Bank Hall	Oct31/25	---
16	East Academic	Nov4/25	---
17	EARP Residence	Nov5/25	---
18	Decew Residence	Nov5/25	5.30
19	Vallee Residence	Nov5/25	8.71
20	MacKenzie Chown-Inniskillin	Nov5/25	0.97
21	Daycare	Nov6/25	---
22	Lowenberger	Nov6/25	8.12
23	Village Residence	Nov6/25	---
24	Burlington Campus	Nov7/25	8.31
25	Marilyn I Walker School	Nov7/25	11.18
Total Sample:			211.15

Note 1: Sep.27/24 & Jan.31/25

Table B7: Overall FALL RECYCLE Composition Summary

Area of Collection:	Office & Admin		Public Areas		Washrooms		Food Services Kitchens		Food Services Dining		Labs		Residences		Unlabelled		Outdoor Bins		Total	
Total Weight of Sample (in kg):	60.19		90.00		12.55										1.09		47.32		211.15	
Total Percent of Sample (in %):	28.5%		42.6%		5.9%		0.0%		0.0%		0.0%		0.0%		0.5%		22.4%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers																				
PET (#1)	0.35	0.6%	7.24	8.0%	0.00	0.0%									0.00	0.0%	13.90	29.4%	21.49	10.2%
HDPE (#2)	0.11	0.2%	1.56	1.7%	0.00	0.0%									0.00	0.0%	0.08	0.2%	1.75	0.8%
PP (#5)	0.84	1.4%	6.18	6.9%	0.00	0.0%									0.00	0.0%	6.21	13.1%	13.23	6.3%
PS (#6)	0.55	0.9%	1.20	1.3%	0.00	0.0%									0.00	0.0%	0.31	0.7%	2.06	1.0%
Glass	0.00	0.0%	1.68	1.9%	0.00	0.0%									0.00	0.0%	1.94	4.1%	3.62	1.7%
Aluminum	0.16	0.3%	7.73	8.6%	0.00	0.0%									0.43	39.4%	5.63	11.9%	13.95	6.6%
Steel	0.24	0.4%	0.64	0.7%	0.00	0.0%									0.00	0.0%	0.10	0.2%	0.98	0.5%
Gable Top	0.00	0.0%	0.29	0.3%	0.00	0.0%									0.00	0.0%	0.02	0.0%	0.31	0.1%
Aseptic	0.00	0.0%	1.10	1.2%	0.00	0.0%									0.10	9.2%	0.11	0.2%	1.31	0.6%
Total Mixed Papers																				
Fine Paper	14.35	23.8%	2.27	2.5%	0.00	0.0%									0.00	0.0%	0.45	1.0%	17.07	8.1%
Newsprint	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Boxboard	3.53	5.9%	8.15	9.1%	0.00	0.0%									0.00	0.0%	6.10	12.9%	17.78	8.4%
Other Paper Fibres	1.96	3.3%	10.53	11.7%	0.00	0.0%									0.00	0.0%	3.48	7.4%	15.97	7.6%
Corrugated Cardboard	0.75	1.2%	7.17	8.0%	0.00	0.0%									0.00	0.0%	0.57	1.2%	8.49	4.0%
Coffee Cups	3.13	5.2%	3.97	4.4%	0.00	0.0%									0.00	0.0%	1.96	4.1%	9.06	4.3%
Coffee Pods	0.13	0.2%	0.30	0.3%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.43	0.2%
Other Paper Drink Cups	0.02	0.0%	0.26	0.3%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.28	0.1%
Organic Food Waste	15.07	25.0%	3.45	3.8%	0.00	0.0%									0.00	0.0%	0.00	0.0%	18.52	8.8%
Compostable Fibres	6.23	10.4%	8.26	9.2%	12.55	100.0%									0.00	0.0%	1.28	2.7%	28.32	13.4%
Compostable Dishware	2.37	3.9%	0.02	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	2.39	1.1%
LDPE Plastic Films	8.05	13.4%	13.21	14.7%	0.00	0.0%									0.56	51.4%	5.05	10.7%	26.87	12.7%
Styrofoam	0.02	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.02	0.0%
Other Plastics	0.00	0.0%	0.68	0.8%	0.00	0.0%									0.00	0.0%	0.05	0.1%	0.73	0.3%
Scrap Metal	0.00	0.0%	0.17	0.2%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.17	0.1%
Scrap Wood	0.47	0.8%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.47	0.2%
Textiles	0.04	0.1%	2.24	2.5%	0.00	0.0%									0.00	0.0%	0.00	0.0%	2.28	1.1%
Shoes/Boots	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Office Supplies (Pens/Markers, etc)	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Take out food packaging	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Food/snack wrappers	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
PPE	0.82	1.4%	0.33	0.4%	0.00	0.0%									0.00	0.0%	0.00	0.0%	1.15	0.5%
Gloves	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Single-use plastics	0.00	0.0%	0.02	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.02	0.0%
Lab Plastics	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Lab GLass	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Ewaste	0.05	0.1%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.05	0.0%
Bulbs	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Batteries	0.21	0.3%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.21	0.1%
Printer Toners	0.00	0.0%	0.00	0.0%	0.00	0.0%									0.00	0.0%	0.00	0.0%	0.00	0.0%
Non-recyclable	0.74	1.2%	1.36	1.5%	0.00	0.0%									0.00	0.0%	0.08	0.2%	2.18	1.0%
QAQC Check	60.19	100.0%	90.00	100.0%	12.55	100.0%									1.09	100.0%	47.32	100.0%	211.15	100.0%
Total Mixed Containers	2.25	3.7%	27.61	30.7%	0.00	0.0%									0.53	48.6%	28.30	59.8%	58.69	27.8%
Total Mixed Papers	19.84	33.0%	20.96	23.3%	0.00	0.0%									0.00	0.0%	10.03	21.2%	50.83	24.1%
Contamination Rate	37.35	62.1%	34.27	38.1%	12.55	100.0%									0.56	51.4%	8.42	17.8%	93.15	44.1%

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Table B10: Garbage to Landfill - Combined Composition (Ranked)

Total Weight of waste shipped off-site (MT):				
				758.30
Composition	Percent	Tonnes	Recycle?	Assumed Capture Amount
			Y/N	MT(1)
Organic Food Waste	23.0%	174.12	Yes	104.5
Compostable Fibres	15.8%	119.83	Yes	71.9
LDPE Plastic Films	15.2%	115.63	No	
Total Mixed Containers	13.3%	100.81	Yes	60.5
Total Mixed Papers	7.6%	57.61	Yes	34.6
Non-recyclable	6.9%	52.27	No	
Food/snack wrappers	5.8%	44.06	No	
Coffee Cups	2.3%	17.69	No	
Compostable Dishware	1.7%	12.56	Yes	7.5
Office Supplies (Pens/Markers, etc)	1.4%	10.68	No	
Corrugated Cardboard	1.3%	9.88	Yes	5.9
PPE	1.2%	9.34	No	
Textiles	1.2%	8.99	No	
Take out food packaging	1.2%	8.73	No	
Ewaste	0.4%	3.40	Yes	2.0
Scrap Wood	0.3%	2.55	No	
Other Paper Drink Cups	0.3%	2.36	No	
Other Plastics	0.3%	2.27	No	
Gloves	0.2%	1.85	No	
Scrap Metal	0.2%	1.33	Yes	0.8
Batteries	0.1%	0.97	Yes	0.6
Lab Plastics	0.1%	0.56	No	
Coffee Pods	0.05%	0.36	No	
Styrofoam	0.04%	0.31	No	
Single-use plastics	0.02%	0.13	No	
Total	100.0%	758.30		
Note 1: Assume 60% capture rate				Recycling/Reuse Potential 288.3

Table B11: Fall Composition of Recyclables & Organics

Composition	3Rs	Organic
	Percent	Percent
Total Mixed Containers	27.8%	--
Total Mixed Papers	24.1%	--
Compostable Fibres	13.4%	--
LDPE Plastic Films	12.7%	--
Organic Food Waste	8.8%	--
Coffee Cups	4.3%	--
Corrugated Cardboard	4.0%	--
Compostable Dishware	1.1%	--
Textiles	1.1%	--
Non-recyclable	1.0%	--
PPE	0.5%	--
Other Plastics	0.3%	--
Scrap Wood	0.2%	--
Coffee Pods	0.2%	--
Other Paper Drink Cups	0.1%	--
Batteries	0.1%	--
Scrap Metal	0.1%	--
Ewaste	0.02%	--
Styrofoam	0.01%	--
Single-use plastics	0.01%	--
Total	100.0%	0.0%

Table B12: Mixed Container Summary

Material	Garbage	Garbage	Garbage	Percent	Disposed	Recycled	Percent	Recycled
	Sample	Sample	Sample		Amount	Sample		Amount
	Summer	Fall	Combine		100.81	Fall		48.22
	kg	kg	kg		MT	kg		MT
PET (#1 Plastic)	9.64	12.61	22.25	20.4%	20.59	21.49	36.6%	17.66
HDPE (#2 Plastic)	1.44	5.59	7.03	6.5%	6.51	1.75	3.0%	1.44
PP (#5 Plastic)	6.86	17.56	24.42	22.4%	22.60	13.23	22.5%	10.87
PS (#6 Plastic)	9.97	6.75	16.72	15.4%	15.48	2.06	3.5%	1.69
Aluminum	3.49	7.48	10.97	10.1%	10.15	3.62	6.2%	2.97
Steel	3.99	5.84	9.83	9.0%	9.10	13.95	23.8%	11.46
Glass	0.76	6.26	7.02	6.4%	6.50	0.98	1.7%	0.80
Gable Top	3.67	1.81	5.48	5.0%	5.07	0.31	0.5%	0.25
Aseptic	1.99	3.21	5.20	4.8%	4.81	1.31	2.2%	1.08
Total	41.82	67.11	108.93	100.0%	100.81	58.69	100.0%	48.22
	TRUE				TRUE			

Table B13: Mixed Paper Summary

Material	Garbage	Garbage	Garbage	Percent	Disposed	Recycled	Percent	Recycled
	Sample	Sample	Sample		Amount	Sample		Amount
	Summer	Fall	Combine		57.61	Fall		123.39
	kg	kg	kg		MT	kg		MT
Fine Papers	2.52	8.05	10.57	17.0%	9.78	17.07	33.6%	41.44
Newsprint	0.98	0.17	1.15	1.8%	1.06	0.00	0.0%	0.00
Boxboard	3.41	23.60	27.01	43.4%	24.99	17.78	35.0%	43.17
Other Fibres	5.73	17.80	23.53	37.8%	21.77	15.97	31.4%	38.77
Total	12.64	49.62	62.26	100.0%	57.61	50.83	100.0%	123.39

Table B16: Washroom Area Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Chairs	Plaza - Bookstore	Student Centre	SSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	MacKenzie Crown-Inniskill	Daycare	Lowenburger	Village Residence	Burlington Campus	Marilyn Walker School	Unlabelled	Overall	%		
Total Mixed Containers	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.12	0.00			0.59	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	1.7%		
Total Mixed Papers	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.54	0.36	0.01			1.43	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	3.77	3.3%	
Corrugated Cardboard	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Coffee Cups	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.00			0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.65	0.6%	
Coffee Pods	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Paper Drink Cups	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Organic Food Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.03	0.00			0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	2.91	2.5%	
Compostable Fibres	20.31	0.95	4.64	1.09	3.69	2.40	1.82	6.98	0.24			15.67	1.87	4.64	2.85	0.00	4.67	9.30	9.30	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.58	93.25	80.4%	
Compostable Dishware	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LDPE Plastic Films	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.79	0.69	0.01			2.48	0.00	2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	8.26	7.1%	
Styrofoam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Plastics	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.34	0.00	0.00			0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.0%	
Scrap Metal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Scrap Wood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.1%	
Textiles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.1%	
Shoes/Boots	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Office Supplies (Pens/Markers, etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Take out food packaging	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Food/snack wrappers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PPE	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.16	0.09	0.00			0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.6%	
Gloves	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Single-use plastics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lab Plastics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lab Glass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ewaste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bulbs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Batteries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Printer Toners	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Non-recyclable	0.00	0.00	0.00	0.00	0.00	0.12	0.00	1.79	0.11	0.00			0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	3.19	2.8%	
Total	20.31	0.95	4.64	1.09	3.69	2.40	1.82	6.98	0.24	0.00	0.00	23.29	1.87	8.23	2.85	0.00	4.67	9.30	9.30	0.00	2.25	0.00	0.00	0.00	0.00	0.00	3.34	0.00	115.99	100.0%
Percentage	17.5%	0.0%	0.8%	4.6%	0.9%	3.2%	2.5%	5.5%	9.1%	0.3%	0.0%	0.0%	20.1%	1.6%	7.1%	2.5%	0.0%	4.6%	8.0%	8.0%	0.0%	1.9%	0.0%	0.0%	2.9%	0.0%	1.00	TRUE		

Table B17: Food Services - Kitchens Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Chairs	Plaza - Bookstore	Student Centre	SSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	MacKenzie Crown-Inniskill	Daycare	Lowenburger	Village Residence	Burlington Campus	Marilyn Walker School	Unlabelled	Overall	%	
Total Mixed Containers								0.26	0.86	0.01			1.80	1.53				1.47									5.15	2.6%	
Total Mixed Papers								0.71	0.17	0.03			2.68	1.09				2.33									7.01	3.5%	
Corrugated Cardboard								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Coffee Cups								0.14	0.04	0.04			0.74	0.00				0.03								0.00	0.99	0.5%	
Coffee Pods								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Other Paper Drink Cups								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Organic Food Waste								2.51	2.51	0.00			9.44	0.00				103.52								117.98	59.1%		
Compostable Fibres								0.75	0.31	0.00			2.25	0.74				1.00								0.00	5.05	2.5%	
Compostable Dishware								0.00	0.00	0.00			0.00	0.01				0.05								0.00	0.06	0.0%	
LDPE Plastic Films								2.95	0.06	0.17			5.13	1.96				43.23								0.00	53.50	26.8%	
Styrofoam								0.00	0.00	0.00			0.03	0.00				0.00								0.00	0.03	0.0%	
Other Plastics								0.06	0.05	0.00			0.21	0.00				0.00								0.00	0.32	0.2%	
Scrap Metal								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Scrap Wood								0.00	0.00	0.00			0.26	0.00				0.00								0.00	0.26	0.1%	
Textiles								0.07	0.07	0.00			0.00	0.15				0.12								0.00	0.41	0.2%	
Shoes/Boots								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Office Supplies (Pens/Markers, etc)								0.00	0.00	0.00			0.00	0.00				0.00								0.00	0.00	0.00	0.00
Take out food packaging								0.00	0.00	0.00			0.00	0.00				0.00											

Table B18: Food Services - Dining Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Chairs	Plaza - Bookstore	Student Centre	GSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	Mackenzie Crown-Inniskill	Daycare	Loewenberger	Village Residence	Burlington Campus	Merilyn Walker School	Unlabelled	Overall	%	
Total Mixed Containers										0.00			0.06	0.00													0.06	1.6%	
Total Mixed Papers										0.00			0.16	1.91														2.07	53.8%
Corrugated Cardboard										0.00			0.00	0.00														0.00	0.0%
Coffee Cups										0.00			0.05	0.00														0.05	1.3%
Coffee Pods										0.00			0.00	0.00														0.00	0.0%
Other Paper Drink Cups										0.00			0.00	0.41														0.41	10.6%
Organic Food Waste										0.00			0.91	0.00														0.91	23.6%
Compostable Fibres										0.03			0.00	0.00														0.03	0.8%
Compostable Dishware										0.00			0.00	0.00														0.00	0.0%
LDPE Plastic Films										0.02			0.30	0.00														0.32	8.3%
Styrofoam										0.00			0.00	0.00														0.00	0.0%
Other Plastics										0.00			0.00	0.00														0.00	0.0%
Scrap Metal										0.00			0.00	0.00														0.00	0.0%
Scrap Wood										0.00			0.00	0.00														0.00	0.0%
Textiles										0.00			0.00	0.00														0.00	0.0%
Shoes/Boots										0.00			0.00	0.00														0.00	0.0%
Office Supplies (Pens/Markers, etc)										0.00			0.00	0.00														0.00	0.0%
Take out food packaging										0.00			0.00	0.00														0.00	0.0%
Food/snack wrappers										0.00			0.00	0.00														0.00	0.0%
PPE										0.00			0.00	0.00														0.00	0.0%
Gloves										0.00			0.00	0.00														0.00	0.0%
Single-use plastics										0.00			0.00	0.00														0.00	0.0%
Lab Plastics										0.00			0.00	0.00														0.00	0.0%
Lab Glass										0.00			0.00	0.00														0.00	0.0%
Ewaste										0.00			0.00	0.00														0.00	0.0%
Bulbs										0.00			0.00	0.00														0.00	0.0%
Batteries										0.00			0.00	0.00														0.00	0.0%
Printer Toners										0.00			0.00	0.00														0.00	0.0%
Non-recyclable										0.00			0.00	0.00														0.00	0.0%
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	100.0%
Percentage	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	38.4%	69.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.00	TRUE

Table B19: Labs Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Chairs	Plaza - Bookstore	Student Centre	GSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	Mackenzie Crown-Inniskill	Daycare	Loewenberger	Village Residence	Burlington Campus	Merilyn Walker School	Unlabelled	Overall	%		
Total Mixed Containers				0.01																								0.01	14.1%	
Total Mixed Papers				0.00																									0.00	2.4%
Corrugated Cardboard				0.00																									0.00	0.0%
Coffee Cups				0.00																									0.04	0.2%
Coffee Pods				0.00																									0.00	0.0%
Other Paper Drink Cups				0.00																									0.00	0.0%
Organic Food Waste				0.07																									0.07	0.4%
Compostable Fibres				0.35																									2.15	11.4%
Compostable Dishware				0.00																									0.00	0.0%
LDPE Plastic Films				0.05																									9.90	52.6%
Styrofoam				0.00																									0.01	0.1%
Other Plastics				0.00																									0.00	0.0%
Scrap Metal				0.00																									0.00	0.0%
Scrap Wood				0.00																									0.00	0.0%
Textiles				0.00																									0.00	0.0%
Shoes/Boots				0.00																									0.00	0.0%
Office Supplies (Pens/Markers, etc)				0.00																									0.00	0.0%
Take out food packaging				0.00																									0.00	0.0%
Food/snack wrappers				0.00																									0.00	0.0%
PPE				0.12																									1.47	7.8%
Gloves				0.00																									0.00	0.0%
Single-use plastics				0.00																									0.00	0.0%
Lab Plastics				0.00																									0.00	0.0%
Lab Glass				0.00																									0.00	0.0%
Ewaste				0.00																									0.00	0.0%
Bulbs				0.00																									0.00	0.0%
Batteries				0.00																									0.00	0.0%
Printer Toners				0.00																									0.00	0.0%
Non-recyclable				0.02																									2.09	11.1%
Total	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.83	100.0%	
Percentage	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.00	TRUE	

Table B20: Residence Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Claims	Plaza - Bookstore	Student Centre	GSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	Mackenzie Crown-Inniskill	Daycare	Loewenberger	Village Residence	Burlington Campus	Merilyn Walker School	Unlabelled	Overall	%		
Total Mixed Containers																											kg	2.56	13.7%	
Total Mixed Papers																												kg	4.49	24.1%
Corrugated Cardboard																												kg	0.99	5.3%
Coffee Cups																												kg	0.00	0.0%
Coffee Pods																												kg	0.00	0.0%
Other Paper Drink Cups																												kg	0.00	0.0%
Organic Food Waste																												kg	0.00	0.0%
Compostable Fibres																												kg	1.68	8.0%
Compostable Dishware																												kg	2.62	14.1%
LDPE Plastic Films																												kg	4.82	25.9%
Styrofoam																												kg	0.00	0.0%
Other Plastics																												kg	0.00	0.0%
Scrap Metal																												kg	0.00	0.0%
Scrap Wood																												kg	0.00	0.0%
Textiles																												kg	0.97	5.2%
Shoes/Boots																												kg	0.00	0.0%
Office Supplies (Pens/Markers, etc)																												kg	0.00	0.0%
Take out food packaging																												kg	0.00	0.0%
Food/snack wrappers																												kg	0.00	0.0%
PPE																												kg	0.00	0.0%
Gloves																												kg	0.00	0.0%
Single-use plastics																												kg	0.00	0.0%
Lab Plastics																												kg	0.00	0.0%
Lab Glass																												kg	0.00	0.0%
Ewaste																												kg	0.00	0.0%
Bulbs																												kg	0.00	0.0%
Batteries																												kg	0.00	0.0%
Printer Toners																												kg	0.00	0.0%
Non-recyclable																												kg	0.49	2.5%
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	kg	18.82	100.0%	
Percentage	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	0.0%	0.0%	0.0%	1.00	TRUE		

Table B21: Unlabelled Garbage Summary

Material category	Walker West	South Block	Harrison Hall/Kemmore Hall	Welch Hall	CUB	Claims	Plaza - Bookstore	Student Centre	GSB	BRIC	Outdoor Bins	Alpha's Trough	Tower	Thistle	Scotts Bank Hall	East Academic	EARP Residence	DeCew Residence	Valley Residence	Mackenzie Crown-Inniskill	Daycare	Loewenberger	Village Residence	Burlington Campus	Merilyn Walker School	Unlabelled	Overall	%		
Total Mixed Containers												0.02	1.05								0.06						kg	1.13	3.6%	
Total Mixed Papers												0.00	0.29								1.01							kg	1.30	4.1%
Corrugated Cardboard												0.00	0.04								0.00							kg	0.04	0.1%
Coffee Cups												1.58	0.00								0.00							kg	1.58	5.0%
Coffee Pods												0.00	0.00								0.00							kg	0.00	0.0%
Other Paper Drink Cups												0.00	0.01								0.00							kg	0.01	0.0%
Organic Food Waste												0.00	2.54								0.00							kg	2.54	8.1%
Compostable Fibres												0.00	0.00								2.13							kg	2.13	6.8%
Compostable Dishware												0.00	0.03								8.52							kg	8.55	27.2%
LDPE Plastic Films												4.70	0.13								0.50							kg	5.33	17.0%
Styrofoam												0.00	0.00								0.00							kg	0.00	0.0%
Other Plastics												0.00	0.00								0.00							kg	0.00	0.0%
Scrap Metal												0.00	0.00								0.00							kg	0.00	0.0%
Scrap Wood												0.00	0.00								1.41							kg	1.41	4.5%
Textiles												0.00	0.00								1.56							kg	1.56	5.0%
Shoes/Boots												0.00	0.00								0.00							kg	0.00	0.0%
Office Supplies (Pens/Markers, etc)												0.00	0.00								0.00							kg	0.00	0.0%
Take out food packaging												0.00	0.00								0.00							kg	0.00	0.0%
Food/snack wrappers												0.00	0.00								0.00							kg	0.00	0.0%
PPE												0.21	0.00								0.00							kg	0.21	0.7%
Gloves												0.00	0.00								0.00							kg	0.00	0.0%
Single-use plastics												0.00	0.00								0.00							kg	0.00	0.0%
Lab Plastics												0.00	0.00								0.00							kg	0.00	0.0%
Lab Glass												0.00	0.00								0.00							kg	0.00	0.0%
Ewaste												0.00	0.00								0.00							kg	0.00	0.0%
Bulbs												0.00	0.00								0.00							kg	0.00	0.0%
Batteries												0.00	0.00								0.00							kg	0.00	0.0%
Printer Toners												0.00	0.00								0.00							kg	0.00	0.0%
Non-recyclable												0.00	0.06								5.57							kg	5.63	17.9%
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.51	0.00	0.00	0.00	3.15	0.00	0.00	0.00	0.00	20.76	0.00	0.00	0.00	0.00	0.00	kg	31.42	100.0%	
Percentage	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	29.7%	0.0%	0.0%	0.0%	13.2%	0.0%	0.0%	0.0%	0.0%	66.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.00	TRUE		

Waste Audit Report

Brock University
WRG Project P1536

Table B22: Annual Waste Management & Recycling Quantities

Waste Material	Recycled/ Reused, Disposed	Service Provider	Equipment	2024 Total			2025 Total		
				kg	MT	%	kg	MT	%
Waste/Garbage	Disposed	Modern	Front-End Service		328.79	53.5%			0.0%
	Disposed	Modern	Compactor - Tower		113.33	18.4%			0.0%
	Disposed	Modern	Compactor - Central Rec.		124.65	20.3%			0.0%
	Disposed	Modern	Compactor - Central Plaza		47.52	7.7%			0.0%
	Disposed	Modern/Waste Mgmt					758.30		100.0%
Sub-Total					614.29	40.7%		758.30	56.9%
Cardboard	Recycled	Cascades	In-House Baler		58.14	6.5%	61980.00	61.98	10.8%
Cardboard	Recycled	Modern	Refer to Modern Summary, App. A			0.0%			0.0%
Cardboard (Residence Move-in Week)	Recycled	Modern	Refer to Modern Summary, App. A			0.0%			0.0%
Mixed Recycling	Recycled	Modern	Refer to Modern Summary, App. A		364.74	40.7%		171.61	29.8%
Mixed Recycling (Move In/Out)	Recycled	Modern	Refer to Modern Summary, App. A			0.0%			0.0%
Mixed Containers	Recycled	Niagara Recycling/Modern	Various, Note 2			0.0%			0.0%
Mixed Papers	Recycled	Niagara Recycling/Modern	Various, Note 2			0.0%			0.0%
Confidential Papers	Recycled	Niagara Recycling	Varies		9.90	1.1%	9780.00	9.78	1.7%
Scrap Metals	Recycled	Ram Iron & Metal	Lugger Box		34.89	3.9%		39.79	6.9%
Organics	Recycled	Davidson Env.	32 & 64 Gallon Totes, Note 3, Note 5	287555.00	287.56	32.1%	215713.00	215.71	37.5%
Coffee Cups	Recycled	Davidson Env.	Bagged			0.0%			0.0%
Oil & Grease	Recycled	Rothsay	Totes	909.09	0.91	0.1%	1000.00	1.00	0.2%
Bulbs & Ballasts	Recycled	Aevitas	Totes	1965.00	1.97	0.2%	712.32	0.71	0.1%
Ewastes	Recycled	Greentec	Varies	13107.27	13.11	1.5%	11220.00	11.22	1.9%
Ewastes (Residence Move out week)	Recycled	Niagara Ewastes	Varies			0.0%			0.0%
Batteries	Recycled	E360	Varies	2204.09	2.20	0.2%	1389.00	1.39	0.2%
Yard Wastes	Recycled	Landscaper/In-house	40 yd roll-offs		25.00	2.8%		25.00	4.3%
Yard Wastes - Brush	Recycled	Modern	Refer to Modern Summary, App. A		29.61	3.3%		13.95	2.4%
Scrap Wood	Recycled					0.0%			0.0%
Text Books - Donated/Recycled	Recycled					0.0%			0.0%
Construction	Recycled	Modern	Refer to Modern Summary, App. A		44.42	5.0%			0.0%
Wood Pallets	Reused					0.0%			0.0%
Printer Toners	Reused	Suppliers/Green Tec		270.45	0.27	0.0%	344.09	0.34	0.1%
Ewastes	Reused	In-house program				0.0%			0.0%
Used Furniture/Equipment	Reused	In-house program	8-10 5-ton trucks	1090.91	1.09	0.1%	1090.91	1.09	0.2%
Amber Bottles (Labs)	Reused	In-house program				0.0%			0.0%
LCBO/Beer Bottle Returns	Reused	LCBO/Beer Store Program		485	0.5	0.1%	200	0.2	0.0%
Text Books - Donated/Recycled	Reused			4370.00	4.37	0.5%	4298	4.30	0.7%
Clothing Donations	Reused	In-house program		204.55	0.20	0.0%	204.55	0.20	0.0%
Food Donations	Reused	In-house program				0.0%			0.0%
Water Bottle Filling Stations	Reduced	In-house program		17257.92	17.26	1.9%	17257.92	17.26	3.0%
Sub-Total					896.12	59.3%		575.54	43.1%
Total Generated					1510.41	100.0%		1333.84	100.0%
Total Recycled					530.48	35.1%		297.69	22.3%
Total Reused					6.22	0.4%		5.93	0.4%
Total Reduced					17.26	1.1%		17.26	1.3%
Total Composted					342.17	22.7%		254.66	19.1%
Total Disposed					614.29	40.7%		758.30	56.9%
Achieved Waste Diversion Rate					59.3%			43.1%	
Additional Recyclable Materials in Wastes Disposed to Landfill (MT)					242.5			288.3	
Potential Waste Diversion Rate					74.2%			63.5%	

Notes:

- Note 2: Refer to Table 25 of Report.
- Note 3: Refer to Table B27, App. B of Report. Applies to 2023 and earlier.
- Note 4: Value included in total Ewaste number from Greentec.
- Note 5: Organic values includes coffee cups and some oil.

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Walker Complex **GARBAGE**
 Date: Oct28/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):			6.85		20.31										27.16	
Total Percent of Sample (in %):	0.0%		25.2%		74.8%		0.0%		0.0%						100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.93	13.6%	0.00	0.0%							0.93	3.4%		
PET (#1)			0.05	0.7%	0.00	0.0%							0.05	0.2%		
HDPE (#2)			0.65	9.5%	0.00	0.0%							0.65	2.4%		
PP (#5)			0.08	1.2%	0.00	0.0%							0.08	0.3%		
PS (#6)			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Glass			0.01	0.1%	0.00	0.0%							0.01	0.0%		
Aluminum			0.04	0.6%	0.00	0.0%							0.04	0.1%		
Steel			0.02	0.3%	0.00	0.0%							0.02	0.1%		
Gable Top			0.09	1.3%	0.00	0.0%							0.09	0.3%		
Aseptic			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Total Mixed Papers			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Fine Paper			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Newsprint			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Boxboard			0.05	0.7%	0.00	0.0%							0.05	0.2%		
Other Paper Fibres			0.07	1.0%	0.00	0.0%							0.07	0.3%		
Corrugated Cardboard			0.60	8.6%	0.00	0.0%							0.60	2.2%		
Coffee Cups			0.09	1.3%	0.00	0.0%							0.09	0.3%		
Coffee Pods			0.05	0.7%	0.00	0.0%							0.05	0.2%		
Other Paper Drink Cups			0.98	14.3%	0.00	0.0%							0.98	3.6%		
Organic Food Waste			1.47	21.5%	20.31	100.0%							21.78	80.2%		
Compostable Fibres			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Compostable Dishware			0.80	11.7%	0.00	0.0%							0.80	2.9%		
LDPE Plastic Films			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Styrofoam			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Other Plastics			0.05	0.7%	0.00	0.0%							0.05	0.2%		
Scrap Metal			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Scrap Wood			0.65	9.5%	0.00	0.0%							0.65	2.4%		
Textiles			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Shoes/Boots			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Office Supplies (Pens/Markers, etc)			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Take out food packaging			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Food/snack wrappers			0.08	1.2%	0.00	0.0%							0.08	0.3%		
PPE			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Gloves			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Single-use plastics			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Lab Plastics			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Lab GLass			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Ewaste			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Bulbs			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Batteries			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Printer Toners			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Non-recyclable			0.09	1.3%	0.00	0.0%							0.09	0.3%		
Total QAQC Check	0.00	0.0%	6.85	100.0%	20.31	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	27.16	100.0%
Total Mixed Containers			1.87	27.3%	0.00	0.0%							1.87	6.9%		
Total Mixed Papers			0.05	0.7%	0.00	0.0%							0.05	0.2%		

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Untagged		Total	
Colour Code																
Total Weight of Sample (in kg):	4.27		3.30												7.57	
Total Percent of Sample (in %):	15.7%		43.6%		0.0%		0.0%		0.0%		0.0%		0.0%		59.3%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers	0.12	2.8%	0.00	0.0%									0.12	1.6%		
HDPE (#2)	0.00	0.0%	0.00	0.0%									0.00	0.0%		
PP (#5)	0.15	3.5%	0.00	0.0%									0.15	2.0%		
PS (#6)	0.16	3.7%	0.00	0.0%									0.16	2.1%		
Glass	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Aluminum	0.08	1.9%	1.10	33.3%									1.18	15.6%		
Steel	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Gable Top	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Aseptic	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Total Mixed Papers	0.61	14.3%	0.07	2.1%									0.68	9.0%		
Fine Paper	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Newsprint	0.14	3.3%	0.35	10.6%									0.49	6.5%		
Boxboard	0.08	1.9%	0.70	21.2%									0.78	10.3%		
Other Paper Fibres	0.00	0.0%	0.87	26.4%									0.87	11.5%		
Corrugated Cardboard	0.87	20.4%	0.15	4.5%									1.02	13.5%		
Coffee Cups	0.04	0.9%	0.00	0.0%									0.04	0.5%		
Coffee Pods	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Other Paper Drink Cups	0.15	3.5%	0.00	0.0%									0.15	2.0%		
Organic Food Waste	0.78	18.3%	0.00	0.0%									0.78	10.3%		
Compostable Fibres	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Compostable Dishware	0.98	23.0%	0.05	1.5%									1.03	13.6%		
LDPE Plastic Films	0.02	0.5%	0.00	0.0%									0.02	0.3%		
Styrofoam	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Other Plastics	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Scrap Metal	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Scrap Wood	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Textiles	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Shoes/Boots	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Office Supplies (Pens/Markers, etc)	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Take out food packaging	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Food/snack wrappers	0.00	0.0%	0.00	0.0%									0.00	0.0%		
PPE	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Gloves	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Single-use plastics	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Lab Plastics	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Lab GLass	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Ewaste	0.05	1.2%	0.00	0.0%									0.05	0.7%		
Bulbs	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Batteries	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Printer Toners	0.00	0.0%	0.00	0.0%									0.00	0.0%		
Non-recyclable	0.04	0.9%	0.01	0.3%									0.05	0.7%		
Total QAQC Check	4.27	100.0%	3.30	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	7.57	100.0%
Total Mixed Containers	0.51	11.9%	1.10	33.3%									1.61	21.3%		
Total Mixed Papers	0.83	19.4%	1.12	33.9%												

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: South Block **GARBAGE**
 Date: Oct28/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):															0.00	
Total Percent of Sample (in %):	#DIV/0!														#DIV/0!	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers															0.00	#DIV/0!
PET (#1)															0.00	#DIV/0!
HDPE (#2)															0.00	#DIV/0!
PP (#5)															0.00	#DIV/0!
PS (#6)															0.00	#DIV/0!
Glass															0.00	#DIV/0!
Aluminum															0.00	#DIV/0!
Steel															0.00	#DIV/0!
Gable Top															0.00	#DIV/0!
Aseptic															0.00	#DIV/0!
Total Mixed Papers															0.00	#DIV/0!
Fine Paper															0.00	#DIV/0!
Newsprint															0.00	#DIV/0!
Boxboard															0.00	#DIV/0!
Other Paper Fibres															0.00	#DIV/0!
Corrugated Cardboard															0.00	#DIV/0!
Coffee Cups															0.00	#DIV/0!
Coffee Pods															0.00	#DIV/0!
Other Paper Drink Cups															0.00	#DIV/0!
Organic Food Waste															0.00	#DIV/0!
Compostable Fibres															0.00	#DIV/0!
Compostable Dishware															0.00	#DIV/0!
LDPE Plastic Films															0.00	#DIV/0!
Styrofoam															0.00	#DIV/0!
Other Plastics															0.00	#DIV/0!
Scrap Metal															0.00	#DIV/0!
Scrap Wood															0.00	#DIV/0!
Textiles															0.00	#DIV/0!
Shoes/Boots															0.00	#DIV/0!
Office Supplies (Pens/Markers, etc)															0.00	#DIV/0!
Take out food packaging															0.00	#DIV/0!
Food/snack wrappers															0.00	#DIV/0!
PPE															0.00	#DIV/0!
Gloves															0.00	#DIV/0!
Single-use plastics															0.00	#DIV/0!
Lab Plastics															0.00	#DIV/0!
Lab GLass															0.00	#DIV/0!
Ewaste															0.00	#DIV/0!
Bulbs															0.00	#DIV/0!
Batteries															0.00	#DIV/0!
Printer Toners															0.00	#DIV/0!
Non-recyclable															0.00	#DIV/0!
Total QAQC Check	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	#DIV/0!
Total Mixed Containers															0.00	#DIV/0!
Total Mixed Papers															0.00	#DIV/0!

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Untagged		Total									
Colour Code																								
Total Weight of Sample (in kg):	1.93														34.59	12.55		49.07						
Total Percent of Sample (in %):	#DIV/0!														0.0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%								
Total Mixed Containers															0.03	1.6%	3.20	9.3%	0.00	0.0%			3.23	6.6%
HDPE (#2)															0.00	0.0%								
PP (#5)															0.17	0.5%								
PS (#6)															0.00	0.0%								
Glass															2.24	5.7%								
Aluminum															0.28	0.8%								
Steel															0.00	0.0%								
Gable Top															0.00	0.0%								
Aseptic															0.00	0.0%								
Total Mixed Papers															0.01	0.5%	3.82	11.0%	0.00	0.0%			3.83	7.8%
Fine Paper															0.00	0.0%								
Newsprint															0.14	0.4%								
Boxboard															0.00	0.0%								
Other Paper Fibres															0.00	0.0%								
Corrugated Cardboard															0.00	0.0%								
Coffee Cups															0.00	0.0%								
Coffee Pods															0.07	0.1%								
Other Paper Drink Cups															0.00	0.0%								
Organic Food Waste															0.31	0.6%								
Compostable Fibres															0.20	10.4%								
Compostable Dishware															0.00	0.0%								
LDPE Plastic Films															0.00	0.0%								
Styrofoam															0.00	0.0%								
Other Plastics															0.00	0.0%								
Scrap Metal															0.00	0.0%								
Scrap Wood															1.20	3.5%								
Textiles															0.02	1.0%								
Shoes/Boots															2.58	7.5%								
Office Supplies (Pens/Markers, etc)															0.00	0.0%								
Take out food packaging															0.00	0.0%								
Food/snack wrappers															0.00	0.0%								
PPE															0.00	0.0%								
Gloves															0.00	0.0%								
Single-use plastics															0.00	0.0%								
Lab Plastics															0.00	0.0%								
Lab GLass															0.00	0.0%								
Ewaste															0.00	0.0%								
Bulbs															0.00	0.0%								
Batteries															0.00	0.0%								
Printer Toners															0.00	0.0%								
Non-recyclable															0.00	0.0%								
Total QAQC Check	1.93	100.0%	34.59	100.0%	12.55	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%								
Total Mixed Containers	0.19	9.8%	10.22	29.6%	0.00	0.0%									10.41	21.2%								
Total Mixed Papers	0.22	11.4%	4.03	11.6%	0.00	0.0%									4.25	8.7%								

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Welch Hall
 Date: Oct28/25

GARBAGE

Area of Collection: Colour Code	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Weight of Sample (in kg):			17.38		4.64						0.62				22.64	
Total Percent of Sample (in %):	0.0%		76.8%		20.5%		0.0%		0.0%		2.7%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			1.56		0.00						0.01				1.57	
PET (#1)			1.56	9.0%	0.00	0.0%					0.01	1.6%			1.57	6.9%
HDPE (#2)			0.37	2.1%	0.00	0.0%					0.00	0.0%			0.37	1.6%
PP (#5)			3.97	22.8%	0.00	0.0%					0.00	0.0%			3.97	17.5%
PS (#6)			1.35	7.8%	0.00	0.0%					0.00	0.0%			1.35	6.0%
Glass			1.35	7.8%	0.00	0.0%					0.00	0.0%			1.35	6.0%
Aluminum			1.01	5.8%	0.00	0.0%					0.00	0.0%			1.01	4.5%
Steel			0.14	0.8%	0.00	0.0%					0.00	0.0%			0.14	0.6%
Gable Top			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Aseptic			0.11	0.6%	0.00	0.0%					0.00	0.0%			0.11	0.5%
Total Mixed Papers			0.75		0.00						0.00				0.75	
Fine Paper			0.75	4.3%	0.00	0.0%					0.00	0.0%			0.75	3.3%
Newsprint			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Boxboard			0.89	5.1%	0.00	0.0%					0.00	0.0%			0.89	3.9%
Other Paper Fibres			0.95	5.5%	0.00	0.0%					0.00	0.0%			0.95	4.2%
Corrugated Cardboard			0.73	4.2%	0.00	0.0%					0.00	0.0%			0.73	3.2%
Coffee Cups			0.78	4.5%	0.00	0.0%					0.00	0.0%			0.78	3.4%
Coffee Pods			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Other Paper Drink Cups			0.65	3.7%	0.00	0.0%					0.00	0.0%			0.65	2.9%
Organic Food Waste			0.83	4.8%	0.00	0.0%					0.07	11.3%			0.90	4.0%
Compostable Fibres			0.83	4.8%	4.64	100.0%					0.35	56.5%			5.82	25.7%
Compostable Dishware			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
LDPE Plastic Films			0.87	5.0%	0.00	0.0%					0.05	8.1%			0.92	4.1%
Styrofoam			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Other Plastics			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Scrap Metal			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Scrap Wood			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Textiles			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Shoes/Boots			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Office Supplies (Pens/Markers, etc)			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Take out food packaging			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Food/snack wrappers			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
PPE			0.07	0.4%	0.00	0.0%					0.12	19.4%			0.19	0.8%
Gloves			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Single-use plastics			0.10	0.6%	0.00	0.0%					0.00	0.0%			0.10	0.4%
Lab Plastics			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Lab GLasss			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Ewaste			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Bulbs			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Batteries			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Printer Toners			0.00	0.0%	0.00	0.0%					0.00	0.0%			0.00	0.0%
Non-recyclable			0.07	0.4%	0.00	0.0%					0.02	3.2%			0.09	0.4%
Total QAQC Check	0.00	0.0%	17.38	100.0%	4.64	100.0%	0.00	0.0%	0.00	0.0%	0.62	100.0%	0.00	0.0%	22.64	100.0%
Total Mixed Containers			9.86		56.7%						0.01				9.87	
Total Mixed Papers			2.59		14.9%						0.00				2.59	

RECYCLE

Area of Collection: Colour Code	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Weight of Sample (in kg):			2.38												2.38	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.02												0.02	
PET (#1)			0.02	0.8%											0.02	0.8%
HDPE (#2)			0.00	0.0%											0.00	0.0%
PP (#5)			0.00	0.0%											0.00	0.0%
PS (#6)			0.04	1.7%											0.04	1.7%
Glass			0.00	0.0%											0.00	0.0%
Aluminum			0.00	0.0%											0.00	0.0%
Steel			0.00	0.0%											0.00	0.0%
Gable Top			0.00	0.0%											0.00	0.0%
Aseptic			0.00	0.0%											0.00	0.0%
Total Mixed Papers			1.73												1.73	
Fine Paper			1.73	72.7%											1.73	72.7%
Newsprint			0.00	0.0%											0.00	0.0%
Boxboard			0.10	4.2%											0.10	4.2%
Other Paper Fibres			0.00	0.0%											0.00	0.0%
Corrugated Cardboard			0.00	0.0%											0.00	0.0%
Coffee Cups			0.04	1.7%											0.04	1.7%
Coffee Pods			0.00	0.0%											0.00	0.0%
Other Paper Drink Cups			0.00	0.0%											0.00	0.0%
Organic Food Waste			0.00	0.0%											0.00	0.0%
Compostable Fibres			0.15	6.3%											0.15	6.3%
Compostable Dishware			0.00	0.0%											0.00	0.0%
LDPE Plastic Films			0.30	12.6%											0.30	12.6%
Styrofoam			0.00	0.0%											0.00	0.0%
Other Plastics			0.00	0.0%											0.00	0.0%
Scrap Metal			0.00	0.0%											0.00	0.0%
Scrap Wood			0.00	0.0%											0.00	0.0%
Textiles			0.00	0.0%											0.00	0.0%
Shoes/Boots			0.00	0.0%											0.00	0.0%
Office Supplies (Pens/Markers, etc)			0.00	0.0%											0.00	0.0%
Take out food packaging			0.00	0.0%											0.00	0.0%
Food/snack wrappers			0.00	0.0%											0.00	0.0%
PPE			0.00	0.0%											0.00	0.0%
Gloves			0.00	0.0%											0.00	0.0%
Single-use plastics			0.00	0.0%											0.00	0.0%
Lab Plastics			0.00	0.0%											0.00	0.0%
Lab GLasss			0.00	0.0%											0.00	0.0%
Ewaste			0.00	0.0%											0.00	0.0%
Bulbs			0.00	0.0%											0.00	0.0%
Batteries			0.00	0.0%											0.00	0.0%
Printer Toners			0.00	0.0%											0.00	0.0%
Non-recyclable			0.00	0.0%											0.00	0.0%
Total QAQC Check	0.00	0.0%	2.38	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	2.38	100.0%
Total Mixed Containers			0.06		2.5%										0.06	
Total Mixed Papers																

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: CUB
 Date: Oct28/25

GARBAGE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):			1.27		1.09										2.36	
Total Percent of Sample (in %):	0.0%		53.8%		46.2%		0.0%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.00	0.0%	0.00	0.0%									0.00	0.0%
PET (#1)			0.00	0.0%	0.00	0.0%									0.00	0.0%
HDPE (#2)			0.00	0.0%	0.00	0.0%									0.00	0.0%
PP (#5)			0.00	0.0%	0.00	0.0%									0.00	0.0%
PS (#6)			0.00	0.0%	0.00	0.0%									0.00	0.0%
Glass			0.00	0.0%	0.00	0.0%									0.00	0.0%
Aluminum			0.00	0.0%	0.00	0.0%									0.00	0.0%
Steel			0.00	0.0%	0.00	0.0%									0.00	0.0%
Gable Top			0.00	0.0%	0.00	0.0%									0.00	0.0%
Aseptic			0.00	0.0%	0.00	0.0%									0.00	0.0%
Total Mixed Papers			0.00	0.0%	0.00	0.0%									0.00	0.0%
Fine Paper			0.00	0.0%	0.00	0.0%									0.00	0.0%
Newsprint			0.00	0.0%	0.00	0.0%									0.00	0.0%
Boxboard			0.00	0.0%	0.00	0.0%									0.00	0.0%
Other Paper Fibres			0.00	0.0%	0.00	0.0%									0.00	0.0%
Corrugated Cardboard			0.00	0.0%	0.00	0.0%									0.00	0.0%
Coffee Cups			0.00	0.0%	0.00	0.0%									0.00	0.0%
Coffee Pods			0.00	0.0%	0.00	0.0%									0.00	0.0%
Other Paper Drink Cups			0.00	0.0%	0.00	0.0%									0.00	0.0%
Organic Food Waste			0.00	0.0%	0.00	0.0%									0.00	0.0%
Compostable Fibres			0.00	0.0%	1.09	100.0%									1.09	46.2%
Compostable Dishware			0.00	0.0%	0.00	0.0%									0.00	0.0%
LDPE Plastic Films			0.03	2.4%	0.00	0.0%									0.03	1.3%
Styrofoam			0.00	0.0%	0.00	0.0%									0.00	0.0%
Other Plastics			0.00	0.0%	0.00	0.0%									0.00	0.0%
Scrap Metal			0.12	9.4%	0.00	0.0%									0.12	5.1%
Scrap Wood			0.00	0.0%	0.00	0.0%									0.00	0.0%
Textiles			0.00	0.0%	0.00	0.0%									0.00	0.0%
Shoes/Boots			0.00	0.0%	0.00	0.0%									0.00	0.0%
Office Supplies (Pens/Markers, etc)			0.00	0.0%	0.00	0.0%									0.00	0.0%
Take out food packaging			0.00	0.0%	0.00	0.0%									0.00	0.0%
Food/snack wrappers			0.00	0.0%	0.00	0.0%									0.00	0.0%
PPE			0.00	0.0%	0.00	0.0%									0.00	0.0%
Gloves			0.00	0.0%	0.00	0.0%									0.00	0.0%
Single-use plastics			0.00	0.0%	0.00	0.0%									0.00	0.0%
Lab Plastics			0.00	0.0%	0.00	0.0%									0.00	0.0%
Lab GLass			0.00	0.0%	0.00	0.0%									0.00	0.0%
Ewaste			0.00	0.0%	0.00	0.0%									0.00	0.0%
Bulbs			0.00	0.0%	0.00	0.0%									0.00	0.0%
Batteries			0.00	0.0%	0.00	0.0%									0.00	0.0%
Printer Toners			0.00	0.0%	0.00	0.0%									0.00	0.0%
Non-recyclable			1.12	88.2%	0.00	0.0%									1.12	47.5%
Total QAQC Check	0.00	0.0%	1.27	100.0%	1.09	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	2.36	100.0%
Total Mixed Containers			0.00	0.0%	0.00	0.0%									0.00	0.0%
Total Mixed Papers			0.00	0.0%	0.00	0.0%									0.00	0.0%

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
Colour Code																
Total Weight of Sample (in kg):	5.65		2.31												7.96	
Total Percent of Sample (in %):	239.4%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		239.4%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers	0.00	0.0%	0.01	0.4%											0.01	0.1%
HDPE (#2)	0.00	0.0%	0.01	0.4%											0.01	0.1%
PP (#5)	0.02	0.4%	0.04	1.7%											0.06	0.8%
PS (#6)	0.03	0.5%	0.10	4.3%											0.13	1.6%
Glass	0.00	0.0%	0.00	0.0%											0.00	0.0%
Aluminum	0.01	0.2%	0.08	3.5%											0.09	1.1%
Steel	0.00	0.0%	0.00	0.0%											0.00	0.0%
Gable Top	0.00	0.0%	0.00	0.0%											0.00	0.0%
Aseptic	0.00	0.0%	0.00	0.0%											0.00	0.0%
Total Mixed Papers	1.10	19.5%	0.00	0.0%											1.10	13.8%
Fine Paper	0.00	0.0%	0.00	0.0%											0.00	0.0%
Newsprint	0.32	5.7%	0.08	3.5%											0.40	5.0%
Boxboard	0.73	12.9%	0.05	2.2%											0.78	9.8%
Other Paper Fibres	0.75	13.3%	0.00	0.0%											0.75	9.4%
Corrugated Cardboard	0.06	1.1%	0.04	1.7%											0.10	1.3%
Coffee Cups	0.03	0.5%	0.00	0.0%											0.03	0.4%
Coffee Pods	0.00	0.0%	0.00	0.0%											0.00	0.0%
Other Paper Drink Cups	0.65	11.5%	0.00	0.0%											0.65	8.2%
Organic Food Waste	0.85	15.0%	0.60	26.0%											1.45	18.2%
Compostable Fibres	0.00	0.0%	0.00	0.0%											0.00	0.0%
Compostable Dishware	0.95	16.8%	1.20	51.9%											2.15	27.0%
LDPE Plastic Films	0.00	0.0%	0.00	0.0%											0.00	0.0%
Styrofoam	0.00	0.0%	0.00	0.0%											0.00	0.0%
Other Plastics	0.00	0.0%	0.00	0.0%											0.00	0.0%
Scrap Metal	0.00	0.0%	0.00	0.0%											0.00	0.0%
Scrap Wood	0.00	0.0%	0.00	0.0%											0.00	0.0%
Textiles	0.00	0.0%	0.00	0.0%											0.00	0.0%
Shoes/Boots	0.00	0.0%	0.00	0.0%											0.00	0.0%
Office Supplies (Pens/Markers, etc)	0.00	0.0%	0.00	0.0%											0.00	0.0%
Take out food packaging	0.00	0.0%	0.00	0.0%											0.00	0.0%
Food/snack wrappers	0.00	0.0%	0.00	0.0%											0.00	0.0%
PPE	0.10	1.8%	0.04	1.7%											0.14	1.8%
Gloves	0.00	0.0%	0.00	0.0%											0.00	0.0%
Single-use plastics	0.00	0.0%	0.00	0.0%											0.00	0.0%
Lab Plastics	0.00	0.0%	0.00	0.0%											0.00	0.0%
Lab GLass	0.00	0.0%	0.00	0.0%											0.00	0.0%
Ewaste	0.00	0.0%	0.00	0.0%											0.00	0.0%
Bulbs	0.00	0.0%	0.00	0.0%											0.00	0.0%
Batteries	0.00	0.0%	0.00	0.0%											0.00	0.0%
Printer Toners	0.00	0.0%	0.00	0.0%											0.00	0.0%
Non-recyclable	0.05	0.9%	0.06	2.6%											0.11	1.4%
Total QAQC Check	5.65	100.0%	2.31	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	7.96	100.0%
Total Mixed Containers	0.06	1.1%	0.24	10.4%											0.30	3.8%
Total Mixed Papers	2.15															

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Outdoor Bins **GARBAGE**
 Date: Oct30/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total			
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%		
Colour Code																		
Total Weight of Sample (in kg):															30.38		30.38	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		100.0%		100.0%			
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%		
Total Mixed Containers	PET (#1)												0.60	2.0%	0.60	2.0%		
	HDPE (#2)												0.22	0.7%	0.22	0.7%		
	PP (#5)												0.59	1.9%	0.59	1.9%		
	PS (#6)												0.67	2.2%	0.67	2.2%		
	Glass												0.60	2.0%	0.60	2.0%		
	Aluminum												0.60	2.0%	0.60	2.0%		
	Steel												0.12	0.4%	0.12	0.4%		
	Gable Top												0.06	0.2%	0.06	0.2%		
	Aseptic												0.42	1.4%	0.42	1.4%		
Total Mixed Papers	Fire Paper												0.01	0.0%	0.01	0.0%		
	Newsprint												0.00	0.0%	0.00	0.0%		
	Boxboard												4.33	14.3%	4.33	14.3%		
	Other Paper Fibres												1.91	6.3%	1.91	6.3%		
Corrugated Cardboard													0.60	2.0%	0.60	2.0%		
Coffee Cups													4.93	16.2%	4.93	16.2%		
Coffee Pods													0.00	0.0%	0.00	0.0%		
Other Paper Drink Cups													0.00	0.0%	0.00	0.0%		
Organic Food Waste													1.12	3.7%	1.12	3.7%		
Compostable Fibres													3.56	11.7%	3.56	11.7%		
Compostable Dishware													0.00	0.0%	0.00	0.0%		
LDPE Plastic Films													9.36	30.8%	9.36	30.8%		
Styrofoam													0.00	0.0%	0.00	0.0%		
Other Plastics													0.08	0.3%	0.08	0.3%		
Scrap Metal													0.00	0.0%	0.00	0.0%		
Scrap Wood													0.00	0.0%	0.00	0.0%		
Textiles													0.00	0.0%	0.00	0.0%		
Shoes/Boots													0.00	0.0%	0.00	0.0%		
Office Supplies (Pens/Markers, etc)													0.00	0.0%	0.00	0.0%		
Take out food packaging													0.00	0.0%	0.00	0.0%		
Food/snack wrappers													0.00	0.0%	0.00	0.0%		
PPE													0.00	0.0%	0.00	0.0%		
Gloves													0.00	0.0%	0.00	0.0%		
Single-use plastics													0.00	0.0%	0.00	0.0%		
Lab Plastics													0.00	0.0%	0.00	0.0%		
Lab GLasss													0.00	0.0%	0.00	0.0%		
Ewaste													0.00	0.0%	0.00	0.0%		
Bulbs													0.00	0.0%	0.00	0.0%		
Batteries													0.00	0.0%	0.00	0.0%		
Printer Toners													0.00	0.0%	0.00	0.0%		
Non-recyclable													0.60	2.0%	0.60	2.0%		
Total QAQC Check	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	30.38	100.0%	30.38	100.0%		
Total Mixed Containers													3.88	12.8%	3.88	12.8%		
Total Mixed Papers													6.25	20.6%	6.25	20.6%		

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total			
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%		
Colour Code																		
Total Weight of Sample (in kg):															47.32		47.32	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		100.0%		100.0%			
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%		
Total Mixed Containers	PET (#1)													13.90	29.4%	13.90	29.4%	
	HDPE (#2)													0.08	0.2%	0.08	0.2%	
	PP (#5)													6.21	13.1%	6.21	13.1%	
	PS (#6)													0.31	0.7%	0.31	0.7%	
	Glass													1.94	4.1%	1.94	4.1%	
	Aluminum													5.63	11.9%	5.63	11.9%	
	Steel													0.10	0.2%	0.10	0.2%	
	Gable Top													0.02	0.0%	0.02	0.0%	
	Aseptic													0.11	0.2%	0.11	0.2%	
Total Mixed Papers	Fire Paper													0.45	1.0%	0.45	1.0%	
	Newsprint													0.00	0.0%	0.00	0.0%	
	Boxboard													6.10	12.9%	6.10	12.9%	
	Other Paper Fibres													3.48	7.4%	3.48	7.4%	
Corrugated Cardboard														0.57	1.2%	0.57	1.2%	
Coffee Cups														1.96	4.1%	1.96	4.1%	
Coffee Pods														0.00	0.0%	0.00	0.0%	
Other Paper Drink Cups														0.00	0.0%	0.00	0.0%	
Organic Food Waste														0.00	0.0%	0.00	0.0%	
Compostable Fibres														1.28	2.7%	1.28	2.7%	
Compostable Dishware														0.00	0.0%	0.00	0.0%	
LDPE Plastic Films														5.05	10.7%	5.05	10.7%	
Styrofoam														0.00	0.0%	0.00	0.0%	
Other Plastics														0.05	0.1%	0.05	0.1%	
Scrap Metal														0.00	0.0%	0.00	0.0%	
Scrap Wood														0.00	0.0%	0.00	0.0%	
Textiles														0.00	0.0%	0.00	0.0%	
Shoes/Boots														0.00	0.0%	0.00	0.0%	
Office Supplies (Pens/Markers, etc)														0.00	0.0%	0.00	0.0%	
Take out food packaging														0.00	0.0%	0.00	0.0%	
Food/snack wrappers														0.00	0.0%	0.00	0.0%	
PPE														0.00	0.0%	0.00	0.0%	
Gloves														0.00	0.0%	0.00	0.0%	
Single-use plastics														0.00	0.0%	0.00	0.0%	
Lab Plastics														0.00	0.0%	0.00	0.0%	
Lab GLasss														0.00	0.0%	0.00	0.0%	
Ewaste														0.00	0.0%	0.00	0.0%	
Bulbs														0.00	0.0%	0.00	0.0%	
Batteries														0.00	0.0%	0.00	0.0%	
Printer Toners														0.00	0.0%	0.00	0.0%	
Non-recyclable														0.08	0.2%	0.08	0.2%	
Total QAQC Check	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	47.32	100.0%	47.32	100.0%		
Total Mixed Containers														28.30	59.8%	28.30	59.8%	
Total Mixed Papers														10.03	21.2%	10.03	21.2%	

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Alplie'sTrough **GARBAGE**
 Date: Oct31/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):													6.51		6.51	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		100.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers																
PET (#1)													0.00	0.0%	0.00	0.0%
HDPE (#2)													0.00	0.0%	0.00	0.0%
PP (#5)													0.00	0.0%	0.00	0.0%
PS (#6)													0.00	0.0%	0.00	0.0%
Glass													0.00	0.0%	0.00	0.0%
Aluminum													0.00	0.0%	0.00	0.0%
Steel													0.00	0.0%	0.00	0.0%
Gable Top													0.00	0.0%	0.00	0.0%
Aseptic													0.02	0.3%	0.02	0.3%
Total Mixed Papers																
Fine Paper													0.00	0.0%	0.00	0.0%
Newsprint													0.00	0.0%	0.00	0.0%
Boxboard													0.00	0.0%	0.00	0.0%
Other Paper Fibres													0.00	0.0%	0.00	0.0%
Corrugated Cardboard													0.00	0.0%	0.00	0.0%
Coffee Cups													1.58	24.3%	1.58	24.3%
Coffee Pods													0.00	0.0%	0.00	0.0%
Other Paper Drink Cups													0.00	0.0%	0.00	0.0%
Organic Food Waste													0.00	0.0%	0.00	0.0%
Compostable Fibres													0.00	0.0%	0.00	0.0%
Compostable Dishware													0.00	0.0%	0.00	0.0%
LDPE Plastic Films													4.70	72.2%	4.70	72.2%
Styrofoam													0.00	0.0%	0.00	0.0%
Other Plastics													0.00	0.0%	0.00	0.0%
Scrap Metal													0.00	0.0%	0.00	0.0%
Scrap Wood													0.00	0.0%	0.00	0.0%
Textiles													0.00	0.0%	0.00	0.0%
Shoes/Boots													0.00	0.0%	0.00	0.0%
Office Supplies (Pens/Markers, etc.)													0.00	0.0%	0.00	0.0%
Take out food packaging													0.00	0.0%	0.00	0.0%
Food/snack wrappers													0.00	0.0%	0.00	0.0%
PPE													0.21	3.2%	0.21	3.2%
Gloves													0.00	0.0%	0.00	0.0%
Single-use plastics													0.00	0.0%	0.00	0.0%
Lab Plastics													0.00	0.0%	0.00	0.0%
Lab GLass													0.00	0.0%	0.00	0.0%
Ewaste													0.00	0.0%	0.00	0.0%
Bulbs													0.00	0.0%	0.00	0.0%
Batteries													0.00	0.0%	0.00	0.0%
Printer Toners													0.00	0.0%	0.00	0.0%
Non-recyclable													0.00	0.0%	0.00	0.0%
Total QAQC Check	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	6.51	100.0%	6.51	100.0%
Total Mixed Containers													0.02	0.3%	0.02	0.3%
Total Mixed Papers													0.00	0.0%	0.00	0.0%

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):													1.09		1.09	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		16.7%		16.7%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers																
PET (#1)															0.00	0.0%
HDPE (#2)															0.00	0.0%
PP (#5)															0.00	0.0%
PS (#6)															0.00	0.0%
Glass															0.00	0.0%
Aluminum															0.43	39.4%
Steel															0.00	0.0%
Gable Top															0.00	0.0%
Aseptic															0.10	9.2%
Total Mixed Papers																
Fine Paper															0.00	0.0%
Newsprint															0.00	0.0%
Boxboard															0.00	0.0%
Other Paper Fibres															0.00	0.0%
Corrugated Cardboard															0.00	0.0%
Coffee Cups															0.00	0.0%
Coffee Pods															0.00	0.0%
Other Paper Drink Cups															0.00	0.0%
Organic Food Waste															0.00	0.0%
Compostable Fibres															0.00	0.0%
Compostable Dishware															0.00	0.0%
LDPE Plastic Films															0.56	51.4%
Styrofoam															0.00	0.0%
Other Plastics															0.00	0.0%
Scrap Metal															0.00	0.0%
Scrap Wood															0.00	0.0%
Textiles															0.00	0.0%
Shoes/Boots															0.00	0.0%
Office Supplies (Pens/Markers, etc.)															0.00	0.0%
Take out food packaging															0.00	0.0%
Food/snack wrappers															0.00	0.0%
PPE															0.00	0.0%
Gloves															0.00	0.0%
Single-use plastics															0.00	0.0%
Lab Plastics															0.00	0.0%
Lab GLass															0.00	0.0%
Ewaste															0.00	0.0%
Bulbs															0.00	0.0%
Batteries															0.00	0.0%
Printer Toners															0.00	0.0%
Non-recyclable															0.00	0.0%
Total QAQC Check	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	1.09	100.0%
Total Mixed Containers															0.53	48.6%
Total Mixed Papers															0.00	0.0%

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Decew Residence **GARBAGE**
 Date: Nov5/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Colour Code																
Total Weight of Sample (in kg):			11.80		4.67		157.59								174.06	
Total Percent of Sample (in %):	0.0%		6.8%		2.7%		90.5%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.07	0.6%	0.00	0.0%	0.01	0.0%					0.08	0.0%	0.08	0.0%
PET (#1)			0.00	0.0%	0.00	0.0%	0.64	0.4%					0.64	0.4%	0.67	12.6%
HDPE (#2)			0.35	3.0%	0.00	0.0%	0.00	0.0%					0.35	0.2%	0.00	0.0%
PP (#5)			0.02	0.2%	0.00	0.0%	0.00	0.0%					0.02	0.0%	0.08	1.5%
PS (#6)			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Glass			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.23	4.3%
Aluminum			0.00	0.0%	0.00	0.0%	0.82	0.5%					0.82	0.5%	1.11	20.9%
Steel			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Gable Top			0.03	0.3%	0.00	0.0%	0.00	0.0%					0.03	0.0%	0.00	0.0%
Aseptic			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.06	1.1%
Total Mixed Papers			0.00	0.0%	0.00	0.0%	0.04	0.0%					0.04	0.0%	0.05	0.9%
Fine Paper			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Newsprint			0.03	0.3%	0.00	0.0%	1.12	0.7%					1.15	0.7%	1.40	26.4%
Boxboard			0.80	6.8%	0.00	0.0%	1.17	0.7%					1.97	1.1%	0.97	18.3%
Other Paper Fibres			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Corrugated Cardboard			0.10	0.8%	0.00	0.0%	0.03	0.0%					0.13	0.1%	0.03	0.6%
Coffee Cups			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Coffee Pods			0.15	1.3%	0.00	0.0%	0.00	0.0%					0.15	0.1%	0.05	0.9%
Other Paper Drink Cups			2.75	23.3%	0.00	0.0%	103.52	65.7%					106.27	61.1%	0.00	0.0%
Organic Food Waste			1.83	15.5%	4.67	100.0%	1.00	0.6%					7.50	4.3%	0.05	0.9%
Compostable Fibres			0.01	0.1%	0.00	0.0%	0.05	0.0%					0.06	0.0%	0.00	0.0%
Compostable Dishware			2.05	17.4%	0.00	0.0%	43.23	27.4%					45.28	26.0%	0.60	11.3%
LDPE Plastic Films			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Styrofoam			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Other Plastics			0.91	7.7%	0.00	0.0%	0.00	0.0%					0.91	0.5%	0.00	0.0%
Scrap Metal			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Scrap Wood			1.07	9.1%	0.00	0.0%	0.12	0.1%					1.19	0.7%	0.00	0.0%
Textiles			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Shoes/Boots			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Office Supplies (Pens/Markers, etc)			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Take out food packaging			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Food/snack wrappers			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
PPE			0.00	0.0%	0.00	0.0%	2.41	1.5%					2.41	1.4%	0.00	0.0%
Gloves			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Single-use plastics			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Lab Plastics			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Lab Glasses			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Ewaste			1.31	11.1%	0.00	0.0%	0.00	0.0%					1.31	0.8%	0.00	0.0%
Bulbs			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Batteries			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Printer Toners			0.29	2.5%	0.00	0.0%	3.43	2.2%					3.72	2.1%	0.00	0.0%
Non-recyclable			0.00	0.0%	0.00	0.0%	0.00	0.0%					0.00	0.0%	0.00	0.0%
Total QAQC Check	0.00	0.0%	11.80	100.0%	4.67	100.0%	157.59	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	174.06	100.0%
Total Mixed Containers			0.50	4.2%	0.00	0.0%	1.47	0.9%					1.97	1.1%	2.15	40.6%
Total Mixed Papers			0.83	7.0%	0.00	0.0%	2.33	1.5%					3.16	1.8%	2.42	45.7%

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Colour Code																
Total Weight of Sample (in kg):			5.30												5.30	
Total Percent of Sample (in %):	0.0%		100.0%		0.0%		0.0%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.67	12.6%											0.67	12.6%
PET (#1)			0.00	0.0%											0.00	0.0%
HDPE (#2)			0.08	1.5%											0.08	1.5%
PP (#5)			0.00	0.0%											0.00	0.0%
PS (#6)			0.00	0.0%											0.00	0.0%
Glass			0.23	4.3%											0.23	4.3%
Aluminum			1.11	20.9%											1.11	20.9%
Steel			0.00	0.0%											0.00	0.0%
Gable Top			0.00	0.0%											0.00	0.0%
Aseptic			0.06	1.1%											0.06	1.1%
Total Mixed Papers			0.05	0.9%											0.05	0.9%
Fine Paper			0.00	0.0%											0.00	0.0%
Newsprint			1.40	26.4%											1.40	26.4%
Boxboard			0.97	18.3%											0.97	18.3%
Other Paper Fibres			0.00	0.0%											0.00	0.0%
Corrugated Cardboard			0.03	0.6%											0.03	0.6%
Coffee Cups			0.00	0.0%											0.00	0.0%
Coffee Pods			0.05	0.9%											0.05	0.9%
Other Paper Drink Cups			0.00	0.0%											0.00	0.0%
Organic Food Waste			0.05	0.9%											0.05	0.9%
Compostable Fibres			0.00	0.0%											0.00	0.0%
Compostable Dishware			0.60	11.3%											0.60	11.3%
LDPE Plastic Films			0.00	0.0%											0.00	0.0%
Styrofoam			0.00	0.0%											0.00	0.0%
Other Plastics			0.00	0.0%											0.00	0.0%
Scrap Metal			0.00	0.0%											0.00	0.0%
Scrap Wood			0.00	0.0%											0.00	0.0%
Textiles			0.00	0.0%											0.00	0.0%
Shoes/Boots			0.00	0.0%											0.00	0.0%
Office Supplies (Pens/Markers, etc)			0.00	0.0%											0.00	0.0%
Take out food packaging			0.00	0.0%											0.00	0.0%
Food/snack wrappers			0.00	0.0%											0.00	0.0%
PPE			0.00	0.0%											0.00	0.0%
Gloves			0.00	0.0%											0.00	0.0%
Single-use plastics			0.00	0.0%											0.00	0.0%
Lab Plastics			0.00	0.0%											0.00	0.0%
Lab Glasses			0.00	0.0%											0.00	0.0%
Ewaste			0.00	0.0%											0.00	0.0%
Bulbs			0.00	0.0%											0.00	0.0%
Batteries			0.00	0.0%											0.00	0.0%
Printer Toners			0.00	0.0%											0.00	0.0%
Non-recyclable			0.00	0.0%											0.00	0.0%
Total QAQC Check	0.00	0.0%	5.30	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	5.30	100.0%
Total Mixed Containers			2.15	40.6%											2.15	40.6%
Total Mixed Papers			2.42	45.7%												

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Vallee Residence **GARBAGE**
 Date: Nov5/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):			5.26		9.30										14.56	
Total Percent of Sample (in %):	0.0%		36.1%		63.9%		0.0%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.01	0.2%	0.00	0.0%							0.01	0.1%		
PET (#1)			0.02	0.4%	0.00	0.0%							0.02	0.1%		
HDPE (#2)			0.14	2.7%	0.00	0.0%							0.14	1.0%		
PP (#5)			0.02	0.4%	0.00	0.0%							0.02	0.1%		
PS (#6)			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Glass			0.03	0.6%	0.00	0.0%							0.03	0.2%		
Aluminum			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Steel			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Gable Top			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Aseptic			0.03	0.6%	0.00	0.0%							0.03	0.2%		
Total Mixed Papers			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Fine Paper			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Newsprint			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Boxboard			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Other Paper Fibres			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Corrugated Cardboard			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Coffee Cups			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Coffee Pods			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Other Paper Drink Cups			0.14	2.7%	0.00	0.0%							0.14	1.0%		
Organic Food Waste			1.74	33.1%	0.00	0.0%							1.74	12.0%		
Compostable Fibres			0.00	0.0%	9.30	100.0%							9.30	63.9%		
Compostable Dishware			0.12	2.3%	0.00	0.0%							0.12	0.8%		
LDPE Plastic Films			1.81	34.4%	0.00	0.0%							1.81	12.4%		
Styrofoam			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Other Plastics			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Scrap Metal			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Scrap Wood			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Textiles			1.12	21.3%	0.00	0.0%							1.12	7.7%		
Shoes/Boots			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Office Supplies (Pens/Markers, etc)			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Take out food packaging			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Food/snack wrappers			0.00	0.0%	0.00	0.0%							0.00	0.0%		
PPE			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Gloves			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Single-use plastics			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Lab Plastics			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Lab Glasses			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Ewaste			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Bulbs			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Batteries			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Printer Toners			0.00	0.0%	0.00	0.0%							0.00	0.0%		
Non-recyclable			0.08	1.5%	0.00	0.0%							0.08	0.5%		
Total QAQC Check	0.00	0.0%	5.26	100.0%	9.30	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	14.56	100.0%
Total Mixed Containers			0.25	4.8%	0.00	0.0%							0.25	1.7%		
Total Mixed Papers			0.00	0.0%	0.00	0.0%							0.00	0.0%		

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
Colour Code																
Total Weight of Sample (in kg):			8.71												8.71	
Total Percent of Sample (in %):	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			2.24	25.7%									2.24	25.7%		
HDPE (#2)			0.95	10.9%									0.95	10.9%		
PP (#5)			0.15	1.7%									0.15	1.7%		
PS (#6)			0.07	0.8%									0.07	0.8%		
Glass			0.00	0.0%									0.00	0.0%		
Aluminum			0.51	5.9%									0.51	5.9%		
Steel			0.07	0.8%									0.07	0.8%		
Gable Top			0.10	1.1%									0.10	1.1%		
Aseptic			0.21	2.4%									0.21	2.4%		
Total Mixed Papers			0.31	3.6%									0.31	3.6%		
Fine Paper			0.00	0.0%									0.00	0.0%		
Newsprint			0.00	0.0%									0.00	0.0%		
Boxboard			0.53	6.1%									0.53	6.1%		
Other Paper Fibres			0.83	9.5%									0.83	9.5%		
Corrugated Cardboard			1.16	13.3%									1.16	13.3%		
Coffee Cups			0.07	0.8%									0.07	0.8%		
Coffee Pods			0.00	0.0%									0.00	0.0%		
Other Paper Drink Cups			0.03	0.3%									0.03	0.3%		
Organic Food Waste			0.00	0.0%									0.00	0.0%		
Compostable Fibres			0.80	9.2%									0.80	9.2%		
Compostable Dishware			0.00	0.0%									0.00	0.0%		
LDPE Plastic Films			0.03	0.3%									0.03	0.3%		
Styrofoam			0.00	0.0%									0.00	0.0%		
Other Plastics			0.00	0.0%									0.00	0.0%		
Scrap Metal			0.00	0.0%									0.00	0.0%		
Scrap Wood			0.00	0.0%									0.00	0.0%		
Textiles			0.00	0.0%									0.00	0.0%		
Shoes/Boots			0.00	0.0%									0.00	0.0%		
Office Supplies (Pens/Markers, etc)			0.00	0.0%									0.00	0.0%		
Take out food packaging			0.00	0.0%									0.00	0.0%		
Food/snack wrappers			0.00	0.0%									0.00	0.0%		
PPE			0.00	0.0%									0.00	0.0%		
Gloves			0.00	0.0%									0.00	0.0%		
Single-use plastics			0.00	0.0%									0.00	0.0%		
Lab Plastics			0.00	0.0%									0.00	0.0%		
Lab Glasses			0.00	0.0%									0.00	0.0%		
Ewaste			0.00	0.0%									0.00	0.0%		
Bulbs			0.00	0.0%									0.00	0.0%		
Batteries			0.00	0.0%									0.00	0.0%		
Printer Toners			0.00	0.0%									0.00	0.0%		
Non-recyclable			0.65	7.5%									0.65	7.5%		
Total QAQC Check	0.00	0.0%	8.71	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	8.71	100.0%
Total Mixed Containers			4.30	49.4%									4.30	49.4%		
Total Mixed Papers			1.67	19.2%									1.67	19.2%		

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Lowenberger **GARBAGE**
 Date: Nov6/25

Area of Collection: Colour Code	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Weight of Sample (in kg):			42.28		2.25										44.53	
Total Percent of Sample (in %):	0.0%		94.9%		5.1%		0.0%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers			0.27		0.00		0.00								0.27	
PET (#1)			0.27		0.00		0.00								0.27	
HDPE (#2)			2.06		4.9%		0.00		0.0%						2.06	
PP (#5)			0.22		0.5%		0.00		0.0%						0.22	
PS (#6)			0.17		0.4%		0.00		0.0%						0.17	
Glass			2.33		5.5%		0.00		0.0%						2.33	
Aluminum			0.07		0.2%		0.00		0.0%						0.07	
Steel			3.21		7.6%		0.00		0.0%						3.21	
Gable Top			0.03		0.1%		0.00		0.0%						0.03	
Aseptic			0.04		0.1%		0.00		0.0%						0.04	
Total Mixed Papers			0.00		0.0%		0.00		0.0%						0.00	
Fine Paper			0.00		0.0%		0.00		0.0%						0.00	
Newsprint			0.00		0.0%		0.00		0.0%						0.00	
Boxboard			0.20		0.5%		0.00		0.0%						0.20	
Other Paper Fibres			0.00		0.0%		0.00		0.0%						0.00	
Corrugated Cardboard			0.50		1.2%		0.00		0.0%						0.50	
Coffee Cups			0.30		0.7%		0.00		0.0%						0.30	
Coffee Pods			0.00		0.0%		0.00		0.0%						0.00	
Other Paper Drink Cups			0.58		1.4%		0.00		0.0%						0.58	
Organic Food Waste			23.58		55.8%		0.00		0.0%						23.58	
Compostable Fibres			1.30		3.1%		2.25		100.0%						3.55	
Compostable Dishware			0.80		1.9%		0.00		0.0%						0.80	
LDPE Plastic Films			1.10		2.6%		0.00		0.0%						1.10	
Styrofoam			0.00		0.0%		0.00		0.0%						0.00	
Other Plastics			0.00		0.0%		0.00		0.0%						0.00	
Scrap Metal			0.00		0.0%		0.00		0.0%						0.00	
Scrap Wood			0.20		0.5%		0.00		0.0%						0.20	
Textiles			1.30		3.1%		0.00		0.0%						1.30	
Shoes/Boots			0.00		0.0%		0.00		0.0%						0.00	
Office Supplies (Pens/Markers, etc)			0.00		0.0%		0.00		0.0%						0.00	
Take out food packaging			0.00		0.0%		0.00		0.0%						0.00	
Food/snack wrappers			0.00		0.0%		0.00		0.0%						0.00	
PPE			0.80		1.9%		0.00		0.0%						0.80	
Gloves			0.00		0.0%		0.00		0.0%						0.00	
Single-use plastics			0.00		0.0%		0.00		0.0%						0.00	
Lab Plastics			0.00		0.0%		0.00		0.0%						0.00	
Lab Glasses			0.00		0.0%		0.00		0.0%						0.00	
Ewaste			0.00		0.0%		0.00		0.0%						0.00	
Bulbs			0.00		0.0%		0.00		0.0%						0.00	
Batteries			0.00		0.0%		0.00		0.0%						0.00	
Printer Toners			0.00		0.0%		0.00		0.0%						0.00	
Non-recyclable			3.22		7.6%		0.00		0.0%						3.22	
Total QAQC Check	0.00	0.0%	42.28	100.0%	2.25	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	44.53	100.0%
Total Mixed Containers			8.40		19.9%		0.00		0.0%						8.40	
Total Mixed Papers			0.20		0.5%		0.00		0.0%						0.20	

RECYCLE

Office & Admin	Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
		8.12										8.12		
0.0%		100.0%		0.0%		0.0%		0.0%		0.0%		100.0%		
kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	
		0.55	6.8%									0.55	6.8%	
		0.03	0.4%									0.03	0.4%	
		1.60	19.7%									1.60	19.7%	
		0.02	0.2%									0.02	0.2%	
		0.70	8.6%									0.70	8.6%	
		0.80	9.9%									0.80	9.9%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.09	1.1%									0.09	1.1%	
		0.03	0.4%									0.03	0.4%	
		0.00	0.0%									0.00	0.0%	
		0.90	11.1%									0.90	11.1%	
		1.50	18.5%									1.50	18.5%	
		0.00	0.0%									0.00	0.0%	
		0.20	2.5%									0.20	2.5%	
		0.00	0.0%									0.00	0.0%	
		0.08	1.0%									0.08	1.0%	
		0.40	4.9%									0.40	4.9%	
		0.00	0.0%									0.00	0.0%	
		1.20	14.8%									1.20	14.8%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.00	0.0%									0.00	0.0%	
		0.02	0.2%									0.02	0.2%	
0.00	0.0%	8.12	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	
		3.79	46.7%									3.79	46.7%	
		2.43	29.9%									2.43	29.9%	

Waste Audit Report
 Brock University
 WRG Project P1536

Client: Brock U
 Job Site: Burlington Campus **GARBAGE**
 Date: Nov7/25

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Unlabelled		Total	
Colour Code																
Total Weight of Sample (in kg):	1.47		11.63												13.10	
Total Percent of Sample (in %):	11.2%		88.8%		0.0%		0.0%		0.0%		0.0%		0.0%		100.0%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers	PET (#1)	0.00	0.0%	0.04	0.3%										0.04	0.3%
	HDPE (#2)	0.00	0.0%	0.08	0.7%										0.08	0.6%
	PP (#5)	0.05	3.4%	0.70	6.0%										0.75	5.7%
	PS (#6)	0.01	0.7%	0.00	0.0%										0.01	0.1%
	Glass	0.00	0.0%	0.10	0.9%										0.10	0.8%
	Aluminum	0.02	1.4%	0.03	0.3%										0.05	0.4%
	Steel	0.01	0.7%	1.00	8.6%										1.01	7.7%
	Gable Top	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Aseptic	0.01	0.7%	0.00	0.0%										0.01	0.1%
Total Mixed Papers	Fine Paper	1.08	73.5%	1.06	9.1%										2.14	16.3%
	Newsprint	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Boxboard	0.00	0.0%	0.19	1.6%										0.19	1.5%
	Other Paper Fibres	0.00	0.0%	0.77	6.6%										0.77	5.9%
Corrugated Cardboard		0.00	0.0%	2.57	22.1%										2.57	19.6%
Coffee Cups		0.04	2.7%	0.51	4.4%										0.55	4.2%
Coffee Pods		0.00	0.0%	0.00	0.0%										0.00	0.0%
Other Paper Drink Cups		0.00	0.0%	0.00	0.0%										0.00	0.0%
Organic Food Waste		0.11	7.5%	1.76	15.1%										1.87	14.3%
Compostable Fibres		0.07	4.8%	0.92	7.9%										0.99	7.6%
Compostable Dishware		0.00	0.0%	0.00	0.0%										0.00	0.0%
LDPE Plastic Films		0.05	3.4%	1.81	15.6%										1.86	14.2%
Styrofoam		0.00	0.0%	0.00	0.0%										0.00	0.0%
Other Plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Scrap Metal		0.00	0.0%	0.00	0.0%										0.00	0.0%
Scrap Wood		0.00	0.0%	0.00	0.0%										0.00	0.0%
Textiles		0.00	0.0%	0.00	0.0%										0.00	0.0%
Shoes/Boots		0.00	0.0%	0.00	0.0%										0.00	0.0%
Office Supplies (Pens/Markers, etc)		0.00	0.0%	0.00	0.0%										0.00	0.0%
Take out food packaging		0.00	0.0%	0.00	0.0%										0.00	0.0%
Food/snack wrappers		0.00	0.0%	0.00	0.0%										0.00	0.0%
PPE		0.01	0.7%	0.09	0.8%										0.10	0.8%
Gloves		0.00	0.0%	0.00	0.0%										0.00	0.0%
Single-use plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Lab Plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Lab Glasses		0.00	0.0%	0.00	0.0%										0.00	0.0%
Ewaste		0.00	0.0%	0.00	0.0%										0.00	0.0%
Bulbs		0.00	0.0%	0.00	0.0%										0.00	0.0%
Batteries		0.00	0.0%	0.00	0.0%										0.00	0.0%
Printer Toners		0.00	0.0%	0.00	0.0%										0.00	0.0%
Non-recyclable		0.01	0.7%	0.00	0.0%										0.01	0.1%
Total QAQC Check	1.47	100.0%	11.63	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	13.10	100.0%
Total Mixed Containers	0.10	6.8%	1.95	16.8%											2.05	15.6%
Total Mixed Papers	1.08	73.5%	2.02	17.4%											3.10	23.7%

RECYCLE

Area of Collection:	Office & Admin		Hallways, Classrooms, Public Spaces		Washrooms		Food Services Kitchen		Food Services Dining		Labs		Residences		Total	
Colour Code																
Total Weight of Sample (in kg):	8.31		63.4%		0.0%		0.0%		0.0%		0.0%		0.0%		83.1%	
Total Percent of Sample (in %):	63.4%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		63.4%	
Composition of Garbage:	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%	kg	%
Total Mixed Containers	PET (#1)	0.00	0.0%	0.00	0.0%										0.00	0.0%
	HDPE (#2)	0.00	0.0%	0.00	0.0%										0.00	0.0%
	PP (#5)	0.01	0.1%	0.01	0.1%										0.01	0.1%
	PS (#6)	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Glass	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Aluminum	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Steel	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Gable Top	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Aseptic	0.00	0.0%	0.00	0.0%										0.00	0.0%
Total Mixed Papers	Fine Paper	8.12	97.7%	0.00	0.0%										8.12	97.7%
	Newsprint	0.00	0.0%	0.00	0.0%										0.00	0.0%
	Boxboard	0.01	0.1%	0.00	0.0%										0.01	0.1%
	Other Paper Fibres	0.13	1.6%	0.00	0.0%										0.13	1.6%
Corrugated Cardboard		0.00	0.0%	0.00	0.0%										0.00	0.0%
Coffee Cups		0.01	0.1%	0.00	0.0%										0.01	0.1%
Coffee Pods		0.00	0.0%	0.00	0.0%										0.00	0.0%
Other Paper Drink Cups		0.00	0.0%	0.00	0.0%										0.00	0.0%
Organic Food Waste		0.00	0.0%	0.00	0.0%										0.00	0.0%
Compostable Fibres		0.00	0.0%	0.00	0.0%										0.00	0.0%
Compostable Dishware		0.00	0.0%	0.00	0.0%										0.00	0.0%
LDPE Plastic Films		0.02	0.2%	0.00	0.0%										0.02	0.2%
Styrofoam		0.00	0.0%	0.00	0.0%										0.00	0.0%
Other Plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Scrap Metal		0.00	0.0%	0.00	0.0%										0.00	0.0%
Scrap Wood		0.00	0.0%	0.00	0.0%										0.00	0.0%
Textiles		0.00	0.0%	0.00	0.0%										0.00	0.0%
Shoes/Boots		0.00	0.0%	0.00	0.0%										0.00	0.0%
Office Supplies (Pens/Markers, etc)		0.00	0.0%	0.00	0.0%										0.00	0.0%
Take out food packaging		0.00	0.0%	0.00	0.0%										0.00	0.0%
Food/snack wrappers		0.00	0.0%	0.00	0.0%										0.00	0.0%
PPE		0.00	0.0%	0.00	0.0%										0.00	0.0%
Gloves		0.00	0.0%	0.00	0.0%										0.00	0.0%
Single-use plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Lab Plastics		0.00	0.0%	0.00	0.0%										0.00	0.0%
Lab Glasses		0.00	0.0%	0.00	0.0%										0.00	0.0%
Ewaste		0.00	0.0%	0.00	0.0%										0.00	0.0%
Bulbs		0.00	0.0%	0.00	0.0%										0.00	0.0%
Batteries		0.00	0.0%	0.00	0.0%										0.00	0.0%
Printer Toners		0.00	0.0%	0.00	0.0%										0.00	0.0%
Non-recyclable		0.01	0.1%	0.00	0.0%										0.01	0.1%
Total QAQC Check	8.31	100.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	8.31	100.0%
Total Mixed Containers	0.01	0.1%	0.00	0.0%											0.01	0.1%
Total Mixed Papers	8.26	99.4%	0.00	0.0%											8.26	99.4%

Appendix C

Waste Audit Summary

Ministry of the Environment Waste Form

Report of a Waste Audit

Industrial, Commercial and Institutional Establishments

As required by O. Reg. 102/94

- *This report must be prepared 6 months after becoming subject to O. Reg. 102/94 and a copy retained on file for at least five years after it is prepared, and be made available to the ministry upon request.*
- *For large construction and demolition projects, please refer to the forms included with "A Guide to Waste Audits and Waste Reduction Work Plans for Construction and Demolition Projects as Required Under Ontario Regulation 102/94" (revised July 2008)*

I. GENERAL INFORMATION

Name of Owner and/or Operator of Entity(ies) and Company Name: Brock University			
Name of Contact Person: Rebecca Anderson		Telephone #: 905-941-3558	Email address: randerson3@brocku.ca
Street Address(es) of Entity(ies): 1812 Sir Isaac Brock Way			
Municipality: St. Catharines, Ontario, L2S 3A1			
Type of Entity (check one)			
Retail Shopping Establishments	<input type="checkbox"/>	Hotels and Motels	<input type="checkbox"/>
Retail Shopping Complexes	<input type="checkbox"/>	Hospitals	<input type="checkbox"/>
Office Buildings	<input type="checkbox"/>	Educational Institutions	<input checked="" type="checkbox"/>
Restaurants	<input type="checkbox"/>	Large Manufacturing Establishments	<input type="checkbox"/>

Note: O. Reg. 102/94 does not apply to multi-unit residential buildings.

II. DESCRIPTION OF ENTITY

<p>Provide a brief overview of the entity(ties):</p> <p>Brock University is an educational institution with approximately 18,639 students (full and part-time undergraduate and graduate in 2022/23) which satisfies Part X of Ontario Regulation 102/94 & 103/94. O.Reg. 102/94 requires operators of educational institutions with more than 350 full- or part-time students enrolled during the calendar year to conduct an annual waste audit and implement a waste reduction work plan. O.Reg. 103/94 requires that source separation programs be implemented and maintained for fine papers, newsprint, aluminum cans, steel cans, glass beverage containers and corrugated cardboard. Brock U undertook this audit in order to assist them in reducing wastes generated on campus and/or disposed to landfill, while being in compliance with the required Regulations.</p>
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III. HOW WASTE IS PRODUCED AND DECISIONS AFFECTING THE PRODUCTION OF WASTE

For each category of waste that is produced at the entity(ies), explain how the waste will be produced and how management decisions and policies will affect the production of waste.

Categories of Waste	How Is the Waste Produced and What Management Decisions/Policies Affect Its Production?
PET (#1) plastic food and beverage bottles	<i>Brought onto campus or generated on campus by staff/students.</i>
Glass food and beverage bottles/jars	<i>Brought onto campus or generated on campus by staff/students.</i>
Aluminum food and beverage cans	<i>Brought onto campus or generated on campus by staff/students.</i>
Steel food and beverage cans	<i>Brought onto campus or generated on campus by staff/students.</i>
Gable Top Containers	<i>Brought onto campus or generated on campus by staff/students.</i>
Aseptic Containers	<i>Brought onto campus or generated on campus by staff/students.</i>
Polypropylene (#5 Plastics)	<i>Brought onto campus or generated on campus by staff/students.</i>
Boxboard shoe boxes, cereal boxes, etc.	<i>Brought onto campus or generated on campus by staff/students.</i>
Newsprint	<i>Brought onto campus or generated on campus by staff/students.</i>
Glossy magazines, catalogues, flyers	<i>Brought onto campus or generated on campus by staff/students.</i>
Fine paper	<i>Brought onto campus or generated on campus by staff/students.</i>
Cardboard	<i>Brought onto campus shipping/generated on campus by staff/students.</i>
Paper towels	<i>Generated by staff/students on campus</i>
Organics / Food Waste	<i>Brought onto campus/generated on campus by staff/students.</i>
Coffee cups	<i>Brought onto campus/generated on campus by staff/students.</i>
HDPE (#2) plastic jugs, crates, totes and drums	<i>Brought onto campus/generated on campus by staff/students.</i>
PVC (#3) plastics	<i>Brought onto campus/generated on campus by staff/students.</i>
LDPE (#4) plastic film	<i>Brought onto campus/generated on campus by staff/students.</i>
Polystyrene (#6)	<i>Brought onto campus/generated on campus by staff/students.</i>
Other Plastics (#7)	<i>Brought onto campus/generated on campus by staff/students.</i>
Scrap Metals	<i>Generated by staff/students on campus</i>
Scrap Woods	<i>Generated by staff/students on campus</i>
eWastes	<i>Generated by staff/students on campus</i>
Bulbs & Ballasts	<i>Generated by staff/students on campus</i>
Batteries	<i>Generated by staff/students on campus</i>
Oil & Grease	<i>Generated by staff/students on campus</i>
Yard Wastes	<i>Generated by staff/students on campus</i>
Used Furniture	<i>Generated by staff/students on campus</i>
Other / Non-Recyclable	<i>Generated by staff/students on campus</i>

Note: When completing this form, write “n/a” in the columns where the entity will not produce any waste for a category of waste.

IV. MANAGEMENT OF WASTE

For each category of waste listed below, indicate which waste items will be disposed or reused/recycled and how each item will be managed at the entity(ies).

Category	Waste to be Disposed	Reused or Recycled Waste
PET (#1) plastic food and beverage bottles	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Glass food and beverage bottles/jars	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Aluminum food and beverage cans	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Steel food and beverage cans	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Gable Top Containers	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Aseptic Containers	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Polypropylene (#5 Plastics)	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Boxboard shoe boxes, cereal boxes, etc.	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Newsprint	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Glossy magazines, catalogues, flyers	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Fine paper	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Cardboard	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Paper towels	<i>Staff/Students place in garbage</i>	<i>No recycling program implemented.</i>
Organics / Food Waste	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in organics containers.</i>
Coffee cups	<i>Staff/Employees may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
HDPE (#2) plastic jugs, crates, totes and drums	<i>Staff/students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
PVC (#3) plastics	<i>Staff/students place in garbage</i>	<i>No recycling program implemented.</i>
LDPE (#4) plastic film	<i>Staff/students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Polystyrene (#6)	<i>Staff/students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Other Plastics (#7)	<i>Staff/students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Scrap Metals	<i>Staff/students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Scrap Woods	<i>Staff/students may place in garbage</i>	<i>Staff may reuse materials (pallets).</i>
eWastes	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Bulbs & Ballasts	<i>Staff/Students may place in garbage</i>	<i>Staff may place in recycling containers.</i>
Batteries	<i>Staff/Students may place in garbage</i>	<i>Staff/Students may place in recycling containers.</i>
Oil & Grease	<i>Staff may place in garbage</i>	<i>Staff may place in recycling containers.</i>
Yard Wastes	<i>Staff may place in garbage</i>	<i>Staff may place in recycling containers.</i>
Used Furniture	<i>Staff may place in garbage</i>	<i>Staff may place in recycling containers.</i>
Other / Non-Recyclable	<i>Staff/students place in garbage</i>	<i>Not applicable.</i>

Note: When completing this form, write "n/a" in the columns where the entity will not produce any waste for a category of waste.

V. ESTIMATED QUANTITY OF WASTE PRODUCED

Categories of Waste	Estimated Amount of Waste											
	Generated			Reduced/Reused			Recycled			Disposed		
	"A"	"B"	"C" *	"A"	"B"	"C" *	"A"	"B"	"C" *	"A"	"B"	"C" *
	Base Year	Current Year	Change (B - A)	Base Year	Current Year	Change (B - A)	Base Year	Current Year	Change (B - A)	Base Year	Current Year	Change (B - A)
	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes
PET (#1) plastic food and beverage bottles	126.42	55.51	-70.91	0.00	17.26	17.26	103.06	17.66	-85.40	23.35	20.59	-2.76
HDPE Containers	16.56	7.95	-8.61	0.00	0.00	0.00	13.92	1.44	-12.48	2.64	6.51	3.87
Polypropylene (#5 Plastic)	1.97	33.47	31.50	0.00	0.00	0.00	0.34	10.87	10.53	1.63	22.60	20.98
Polystyrene (#6 Plastic)	0.00	17.17	17.17	0.00	0.00	0.00	0.00	1.69	1.69	0.00	15.48	15.48
Aluminum food and beverage cans	32.90	13.13	-19.77	0.00	0.00	0.00	26.95	2.97	-23.97	5.95	10.15	4.20
Steel food and beverage cans	0.00	20.56	20.56	0.00	0.00	0.00	0.00	11.46	11.46	0.00	9.10	9.10
Glass food and beverage bottles/jars	39.35	7.50	-31.84	0.00	0.20	0.20	29.36	0.80	-28.56	9.99	6.50	-3.49
Gable Top/Milk Containers	28.89	5.32	-23.56	0.00	0.00	0.00	21.18	0.25	-20.93	7.70	5.07	-2.63
Aseptic / Tetra Paks	9.72	5.89	-3.83	0.00	0.00	0.00	6.33	1.08	-5.26	3.39	4.81	1.43
Fine paper	247.21	61.00	-186.21	0.00	0.00	0.00	235.53	51.22	-184.31	11.68	9.78	-1.90
Newsprint	306.80	1.06	-305.73	0.00	0.00	0.00	297.79	0.00	-297.79	9.01	1.06	-7.94
Boxboard shoe boxes, cereal boxes, etc.	97.37	68.17	-29.20	0.00	0.00	0.00	83.35	43.17	-40.18	14.02	24.99	10.97
Glossy magazines, catalogues, flyers, books	66.05	64.84	-1.21	0.00	4.30	4.30	62.25	38.77	-23.48	3.80	21.77	17.97
Corrugated Cardboard	34.32	71.86	37.54	0.00	0.00	0.00	29.40	61.98	32.58	4.92	9.88	4.96
Paper Towels	12.43	119.83	107.40	0.00	0.00	0.00	0.00	0.00	0.00	12.43	119.83	107.40
Coffee Cups	58.01	17.69	-40.32	0.00	0.00	0.00	0.86	0.00	-0.86	57.15	17.69	-39.46
Organics	553.41	402.39	-151.01	0.00	0.00	0.00	314.03	215.71	-98.32	239.37	186.68	-52.69
#2 Plastic (HDPE) - totes, bins, etc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#3 Plastic (PVC)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#4 Plastic Films (LDPE)	0.30	115.63	115.33	0.00	0.00	0.00	0.00	0.00	0.00	0.30	115.63	115.33
#6 Plastic Styrofoam	3.30	0.31	-2.99	0.00	0.00	0.00	0.00	0.00	0.00	3.30	0.31	-2.99
#7 Other Plastics	0.00	2.27	2.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	2.27
Lab Glass/Plastics	0.00	0.56	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.56
Scrap Metal	24.04	41.12	17.08	0.00	0.00	0.00	23.85	39.79	15.94	0.19	1.33	1.14
Scrap Wood/Pallets	8.38	2.55	-5.83	8.10	0.00	-8.10	0.00	0.00	0.00	0.28	2.55	2.27
Electronic Wastes	10.10	14.62	4.52	0.00	0.00	0.00	9.44	11.22	1.78	0.66	3.40	2.74
Fluorescent Bulbs	2.75	0.71	-2.04	0.00	0.00	0.00	2.75	0.71	-2.04	0.00	0.00	0.00
Batteries	0.87	2.36	1.49	0.00	0.00	0.00	0.87	1.39	0.52	0.00	0.97	0.97
Printer Toners	1.17	0.34	-0.83	1.17	0.34	-0.83	0.00	0.00	0.00	0.00	0.00	0.00
Oil & Grease	7.57	1.00	-6.57	0.00	0.00	0.00	7.57	1.00	-6.57	0.00	0.00	0.00
Yard Wastes	18.55	38.95	20.40	0.00	0.00	0.00	18.55	38.95	20.40	0.00	0.00	0.00
Used Furniture/Donations	20.00	1.30	-18.70	20.00	1.30	-18.70	0.00	0.00	0.00	0.00	0.00	0.00
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other/Nonrecyclable	456.40	138.77	-317.64	0.00	0.00	0.00	0.00	0.00	0.00	456.40	138.77	-317.64
Total	2184.83	1333.84	-850.99	29.27	23.40	-5.88	1287.38	552.14	-735.24	868.18	758.30	-109.88
Percent Change (C ÷ A x 100)			-39.0%			-20.1%			-57.1%			-12.7%

Note: When completing this form, write "n/a" in the "Estimated Amount of Waste Produced" column where the entity will not produce any waste for a category of waste

* Fill out these columns each year following the initial waste audit or baseline year to determine the progress that is being made by your waste reduction program

Base year taken as 2012

VI. EXTENT TO WHICH MATERIALS OR PRODUCTS USED OR SOLD BY THE ENTITY CONSIST OF RECYCLED OR REUSED MATERIALS OR PRODUCTS

Please answer the following questions:

1. Do you have a management policy in place that promotes the purchasing and/or use of materials or products that consist of recycled and/or reused materials or products? If yes, please describe.

No formal “green” purchasing policy is in place at Brock U. However, the different purchasing departments at Brock U do consider environmental impacts of their purchases when ever options are available and feasible.

2. Do you have plans to increase the extent to which materials or products used or sold* consist of recycled or reused materials or products? If yes, please describe.

Not applicable.

* Information regarding materials or products “sold” that consist of recycled or reused materials or products is only required from owner(s) of retail shopping establishments and the owner(s) or operator(s) of large manufacturing establishments.

Please attach any additional page(s) as required to answer the above questions.

I hereby certify that the information provided in this Report of Waste Audit is complete and correct.		
Signature of authorized official:	Title:	Date:

Appendix D

Waste Reduction Work Plan

Ministry of the Environment Waste Form
Report of a Waste Reduction Work Plan
Industrial, Commercial and Institutional Establishments

As required by O. Reg. 102/94

This report must be prepared 6 months after becoming subject to O. Reg. 102/94 and a copy retained on file for at least five years after it is prepared, and be made available to the ministry upon request.

I. GENERAL INFORMATION

Name of Owner and/or Operator of Entity(ies) and Company Name: Brock University			
Name of Contact Person: Rebecca Anderson		Telephone #: 905-941-3558	Email address: randerson3@brocku.ca
Street Address(es) of Entity(ies): 1812 Sir Isaac Brock Way			
Municipality: St. Catharines, Ontario, L2S 3A1			
Type of Entity (check one)			
Retail Shopping Establishments	<input type="checkbox"/>	Hotels and Motels	<input type="checkbox"/>
Retail Shopping Complexes	<input type="checkbox"/>	Hospitals	<input type="checkbox"/>
Office Buildings	<input type="checkbox"/>	Educational Institutions	X
Restaurants	<input type="checkbox"/>	Large Manufacturing Establishments	<input type="checkbox"/>

Note: O. Reg. 102/94 does not apply to multi-unit residential buildings.

II. DESCRIPTION OF THE ENTITY

<p>Provide a brief overview of the entity(ties):</p> <p>Brock University is an educational institution with approximately 18,639 students (full and part-time undergraduate and graduate in 2022/23) which satisfies Part X of Ontario Regulation 102/94 & 103/94. O.Reg. 102/94 requires operators of educational institutions with more than 350 full- or part-time students enrolled during the calendar year to conduct an annual waste audit and implement a waste reduction work plan. O.Reg. 103/94 requires that source separation programs be implemented and maintained for fine papers, newsprint, aluminum cans, steel cans, glass beverage containers and corrugated cardboard. Brock U undertook this audit in order to assist them in reducing wastes generated on campus and/or disposed to landfill, while being in compliance with the required Regulations.</p>
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III. PLANS TO REDUCE, REUSE AND RECYCLE WASTE

<p>For each category of waste described in Part V of “Report of a Waste Audit” (on which this plan is based), explain what your plans are to Reduce, Reuse and Recycle the waste, including: 1) how the waste will be source separated at the establishment, and 2) the programs to reduce, reuse and recycle all source separated waste.</p>	
Waste Category (as stated in Part V of your “Report of a Waste Audit”)	Source Separation and 3Rs Program
Cardboard	<p><u>“Cardboard 3Rs Program”</u> <u>Reduce:</u> Suppliers will be encouraged to make use of reusable containers for the shipment of supplies to Brock University. <u>Reuse:</u> Cardboard boxes will be reused for shipments when appropriate. <u>Recycle:</u> Staff/Students will be reminded of the existing program. Cleaners will be trained on where to dispose of waste correctly.</p>
Mixed Containers/ Plastics (PET, HDPE, LDPE, PP, PS, Aluminum, Steel, Glass, Aseptic)	<p><u>“Mixed Recycling 3Rs Program”</u> <u>Reduce:</u> Staff/Students will be encouraged to bring reusable containers food/beverage containers for lunch and breaks. Brock University will encourage suppliers to reduce the amount of polystyrene used to transport supplies. Brock University will encourage suppliers to reduce the amount of plastic film and wrapping materials used to transport supplies. Brock U added eleven new water bottle refilling stations on campus, bringing the total to 20 water bottle refilling stations. These stations helped the university reduce the amount of plastic water bottles used on campus. <u>Reuse:</u> Staff/Students will be encouraged to reuse plastic crates and totes wherever possible. <u>Recycle:</u> Staff/Students will be provided with recycling bins in high waste generating areas and food service areas for mixed containers/plastics. Staff/Students will be encouraged to place mixed containers/plastics in appropriate recycling bins with appropriate signage affixed to the receptacle. Receptacles will be emptied on a regular basis before they become full into large roll away bins for collection by Niagara Recycling on a weekly basis.</p>
Mixed Papers (Fine Paper, newsprint, boxboard, magazines, molded papers, kraft, catalogues, flyers, etc)	<p><u>“Mixed Recycling 3Rs Program”</u> <u>Reduce:</u> Staff/Students will be encouraged to print on both sides of each piece of paper as well as not print when it is unnecessary. Staff/Students will be encouraged to take reading materials home with them after they are finished with them. Staff and students will be sent, via email, news sources that are available online opposed to purchasing paper copies of news. <u>Reuse:</u> Discarded paper with print only on one side will be used for note pads/scrap paper. Staff/Students will be encouraged to leave newspapers they are finished reading in common areas for others to read. Textbooks collected for donations. <u>Recycle:</u> Staff/Students will be provided with instructions via email. Receptacles will be provided in each office, classroom and high waste generating areas. Staff/Students will be encouraged to place newsprint, fine paper, boxboard, magazines, molded papers, etc in appropriate recycling receptacles. Staff/Students will empty receptacles into centralized containers. Custodial Staff/Students will empty centralized containers into bulk container in designated area for collection by Niagara Recycling on a weekly basis.</p>
Confidential Papers	<p><u>“Confidential Paper 3Rs Program”</u> <u>Reduce:</u> None. <u>Reuse:</u> None. <u>Recycle:</u> Staff/Students will be reminded of the existing program. Receptacles will be provided in each designated office area as required. Staff/Students will be encouraged to place all confidential paper in the designated consoles. Contactor will empty consoles appropriately for shredding and recycling as required.</p>
Paper Towels	<p><u>“Hand Dryer 3Rs Program”</u> <u>Reduce:</u> Replace paper towels in washrooms with hand dryers. Reusable towels will be encouraged for the classrooms and offices when it does not pose a health risk. <u>Reuse:</u> None. <u>Recycle:</u> Staff/students will be encouraged to place paper towels in the organics collection bins.</p>
Scrap Metals	<p><u>“Scrap Metals 3Rs Program”</u> <u>Reduce:</u> Brock University will investigate through metal optimization study to insure steel is</p>

	<p>used with as little scrap generated as possible.</p> <p><u>Reuse:</u> None.</p> <p><u>Recycle:</u> Staff will be reminded of the existing program. Scrap conveyor system will be maintained and Service Provider will collect scrap metals for recycling.</p>
Organics	<p><u>“Organics 3Rs Program”</u></p> <p><u>Reduce:</u> Students will be encouraged to bring uneaten food items home after lunch breaks or uneaten. Non-perishable food items can be donated to a local food drive.</p> <p><u>Reuse:</u> Staff/Students provided with reusable china in some food service areas.</p> <p><u>Recycle:</u> Staff/Students will be continually reminded of the existing program. Kitchen staff & cleaners trained on where to dispose of waste correctly. Additional bins added to the university food service areas to capture organic materials. Signs improved relating to organics program to assist staff/students in sorting organic stream correctly. Selling of disposable food containers discouraged on campus, and if sold, containers should be compostable. Updated organics handouts for staff/student education/training program. Training of food service staff regarding improvements to organics program. Pulping unit installed at main cafeteria.</p>
Coffee Cups	<p><u>“Coffee Cups 3Rs Program”</u></p> <p><u>Reduce:</u> Staff/Students will be encouraged to use reusable coffee mugs and water bottles.</p> <p><u>Reuse:</u> None.</p> <p><u>Recycle:</u> Staff/Students will be reminded of the existing program. Staff/students will be encouraged to place Coffee/Drink Cups in a separate bin if Brock University can find a feasible program to recycle/compost the coffee and drink cups.</p>
Oil & Grease	<p><u>“Oil & Grease 3Rs Program”</u></p> <p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> None.</p> <p><u>Recycle:</u> Staff/Students will be reminded of the existing program.</p>
3 B’s (Bulbs, Ballasts, Batteries)	<p><u>“3 B’s 3Rs Program”</u></p> <p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> None.</p> <p><u>Recycle:</u> Staff/Students will be reminded of the existing program.</p>
Electronic Wastes	<p><u>“eWaste 3Rs Program”</u></p> <p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> Staff/students will be encouraged to reuse/donate electronic wastes if possible. .</p> <p><u>Recycle:</u> Staff/Students will be reminded of the existing program. Program to be expanded campus wide. IT Department to continue collecting for proper recycling of waste materials. Collection program during residence move-out week to be continued.</p>
Yard Wastes	<p><u>“Yard Wastes 3Rs Program”</u></p> <p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> None.</p> <p><u>Recycle:</u> Staff will be reminded of the existing program. Grass clippings to be left after mowing. Trimmings to be mulched and/or recycled/composted off-site via contractor. Saw dust from wood shop dust collector to be used in mulch.</p>
Wood Pallets/Scrap Woods	<p><u>“Wood Pallets 3Rs Program”</u></p> <p><u>Reduce:</u> Staff to monitor use of Pallet to eliminate/reduce broken pallets.</p> <p><u>Reuse:</u> Staff will be reminded of the existing program. Staff/Students will be encouraged to use scrap wood before new wood is purchased for use at the University.</p> <p><u>Recycle:</u> Staff will be reminded of sawdust recycling program relating to wood shop dust collector. Broken Pallets to be recovered and reused when possible.</p>
Printer Toners	<p><u>“Printer Toners 3Rs Program”</u></p> <p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> Staff/Students will be reminded of the existing program. IT Department to continue collecting for proper handling of waste materials. Students will be encouraged to return printer cartridges to suppliers/retailers who offer return programs (such as Staples).</p> <p><u>Recycle:</u> None.</p>
Clothing/Textiles	<p><u>“Glove & Rag 3Rs Program”</u></p> <p><u>Reduce:</u> Staff/Students will be encouraged to use gloves for multiple tasks before placing in the reuse receptacles.</p> <p><u>Reuse:</u> Staff/Students will be encouraged to re-use gloves and cleaning cloths for multiple tasks before disposing.</p> <p><u>Recycle:</u> None.</p>
Used Furniture	<p><u>“Used Furniture 3Rs Program”</u></p>

	<p><u>Reduce:</u> None.</p> <p><u>Reuse:</u> Staff/Students will be reminded of the existing program. Staff/Students will be encouraged to reuse used furniture before new furniture is purchased for use at the University</p> <p><u>Recycle:</u> None.</p>
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IV. RESPONSIBILITY FOR IMPLEMENTING THE WASTE REDUCTION WORK PLAN

Identify who is responsible for implementing the Waste Reduction Work Plan at your entity(ies). If more than one person is responsible for implementation, identify each person who is responsible and indicate the part of the Waste Reduction Work Plan that each person is responsible for implementing.		
Name of Person	Responsibility	Telephone #
Jay Ismailovic	All recycling programs*	905-688-5550 x4803
	(or will direct question/comment to appropriate person)	

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V. TIMETABLE FOR IMPLEMENTING WASTE REDUCTION WORK PLAN

Provide a timetable indicating when each Source Separation and 3Rs program of the Waste Reduction Work Plan will be implemented.	
Source Separation and 3Rs Program	Schedule for Completion
Cardboard	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered. Review operational improvements (Replace baler with compactor)</i>
Mixed Recycling	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered. Single stream program implemented at Village Residences.</i>
Confidential Papers	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Scrap Metals	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Organics	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered. Additional organics bins to be purchased and installed in high traffic areas, as well as kitchenettes in office areas. Instructions to staff and students regarding expanded 3Rs program to occur in advance of program implementation.</i>
Coffee Cups	<i>3Rs Program currently in place. Additional recycle bins dedicated to coffee cups to be purchased and placed in high traffic areas, office areas, and outdoor bins. Continual improvement of existing program regarding signage and additional promotional campaigns to be considered to increase capture rate of material. Instructions to staff and students regarding expanded 3Rs program to occur in advance of program implementation.</i>
Oil & Grease	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
3 B's (Bulbs, Ballasts, Batteries)	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
eWaste	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Yard Wastes	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Scrap Wood/ Wood Pallets	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Printer Toners	<i>3Rs Program currently in place. Continual improvement to signage and additional</i>

	<i>promotional campaigns to be considered.</i>
Used Furniture	<i>3Rs Program currently in place. Continual improvement to signage and additional promotional campaigns to be considered.</i>
Hand Dryer Program	<i>Hand Dryer Program is being considered, which would primarily focus on replacing paper towels in washrooms with hand dryers.</i>
Glove and Rag Reuse Program	<i>Glove and Rag Reuse Program is being considered.</i>
Lab Glass Recycling Program	<i>Investigate the feasibility of implementing a recycle program for lab glass in all lab areas on campus. If feasible, appropriate recycle bins to be purchased and installed in lab areas. Instructions to staff and students regarding new 3Rs program to occur in advance of program implementation.</i>
Garbage Density Study	<i>Continue to investigate the actual density of garbage disposed to landfill. Confirm the density of garbage disposed in front-end bins, as well as confirm weights of Central Shipping 8 yd³ compactor.</i>
Mixed Container & Mixed Paper Tote Study	<i>Conduct a study to verify average mixed container and mixed paper tote weights as well to conduct an inventory of bins on-campus. It is recommended that the total number of totes picked-up per week be verified.</i>
Organic Tote Study	<i>Conduct a study to verify organic tote weights as well to conduct an inventory of all organic totes on-campus. It is recommended that the total number of totes picked-up per week be verified.</i>
Cardboard Bale Study	<i>Conduct a study to verify effectiveness of cardboard system. Investigate feasibility of existing baling system, compared to switching to compactor system.</i>

VI. COMMUNICATION TO STAFF, CUSTOMERS, GUESTS AND VISITORS

Explain how the Waste Reduction Work Plan will be communicated to employees, customers, tenants, guests/visitors and students:
Explain how the Waste Reduction Work Plan will be communicated to employees, customers, tenants, guests/visitors and students. Sustainability committee will review and develop a workplan to be posted on University's computer bulletin board for staff and students. Additional promotional campaigns will also be considered to target specific audiences for specific programs. Continue to improve educational materials (hand-outs, flyers) and signage across campus as required.

VII. ESTIMATED WASTE PRODUCED BY MATERIAL TYPE AND THE PROJECTED AMOUNT

Material Categories (as stated in Part III)	Estimated Annual Waste Produced * (tonnes)	Name of Proposed 3Rs Program (as stated in Part III)	Projections to Reduce, Reuse or Recycle Waste (tonnes)			Estimated Annual Amount to be Diverted ** (%)
			Reduce	Reuse	Recycle	
PET (#1) plastic food and beverage bottles	55.51	Mixed Recycling 3Rs Program		17.26	24.37	75%
HDPE Containers	7.95	Mixed Recycling 3Rs Program		0.00	5.17	65%
Polypropylene (#5 Plastic)	33.47	Mixed Recycling 3Rs Program		0.00	21.76	65%
Polystyrene (#6 Plastic)	17.17	Mixed Recycling 3Rs Program		0.00	11.16	65%
Aluminum food and beverage cans	13.13	Mixed Recycling 3Rs Program		0.00	9.85	75%
Steel food and beverage cans	20.56	Mixed Recycling 3Rs Program		0.00	13.36	65%
Glass food and beverage bottles/jars	7.50	Mixed Recycling 3Rs Program		0.20	6.55	90%
Gable Top/Milk Containers	5.32	Mixed Recycling 3Rs Program		0.00	4.68	88%
Aseptic / Tetra Paks	5.89	Mixed Recycling 3Rs Program		0.00	3.83	65%
Fine paper	61.00	Mixed Recycling & Confidential Paper 3Rs Programs		0.00	53.68	88%
Newsprint	1.06	Mixed Recycling 3Rs Program		0.00	0.94	88%
Boxboard shoe boxes, cereal boxes, etc.	68.17	Mixed Recycling 3Rs Program		0.00	53.17	78%
Glossy magazines, flyers, textbooks	64.84	Mixed Recycling 3Rs Program		4.30	47.58	80%
Corrugated Cardboard	71.86	Cardboard 3Rs Program		0.00	61.08	85%
Paper Towels	119.83	No 3Rs Program		0.00	0.00	NA
Coffee Cups	17.69	Coffee Cup 3Rs Program		0.00	4.42	25%
Organics	402.39	Organics 3Rs Program		0.00	241.44	60%
#2 Plastic (HDPE) - totes, bins, etc	0.00	Mixed Recycling 3Rs Program		0.00	0.00	65%
#3 Plastic (PVC)	0.00	Mixed Recycling 3Rs Program		0.00	0.00	65%
#4 Plastic Films (LDPE)	115.63	No 3Rs Program		0.00	0.00	NA
#6 Plastic Styrofoam	0.31	No 3Rs Program		0.00	0.00	NA
#7 Other Plastics	2.27	Mixed Recycling 3Rs Program		0.00	1.13	50%
Lab Glass/Plastics	0.00	No 3Rs Program		0.00	0.00	NA
Scrap Metal	41.12	Scrap Metals 3Rs Program		0.00	35.37	86%
Scrap Wood/Pallets	2.55	Wood Pallets 3Rs Program		0.00	0.00	70%
Electronic Wastes	14.62	eWaste 3Rs Program		0.00	13.89	95%
Fluorescent Bulbs	0.71	Bulbs 3Rs Program		0.00	0.71	100%

Batteries	2.36	Batteries 3Rs Program		0.00	2.19	93%
Printer Toners	0.34	Printer Toners 3Rs Program		0.34	0.00	100%
Oil & Grease	1.00	Oil & Grease 3Rs Program		0.00	1.00	100%
Yard Wastes	38.95	Yard Wastes 3Rs Program		0.00	38.95	100%
Used Furniture	1.30	Used Furniture 3Rs Program		1.30	0.00	100%
Construction	0.00	Construction 3Rs Program		0.00	0.00	100%
Other/Non-recyclable	138.77	No 3Rs Program		0.00	0.00	NA

* *Estimated Waste Produced = Waste Diverted (3Rs) + Waste Disposed*

** *Estimated Waste Diversion Rate = Amount of Waste Diverted (3Rs) ÷ Estimated Waste Produced x 100%*

I hereby certify that the information provided in this Waste Reduction Work Plan is complete and correct.

Signature of authorized official:	Title:	Date: