



SDK Environmental

Consulting & Services

University of Toronto
2023 Solid Non-Hazardous Waste Audit
Ontario Regulation 102/94

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Executive Summary

The Facilities & Services Department of the University of Toronto (UofT) retained the services of SDK Environmental to conduct a solid non-hazardous waste audit in August 2023 at the St. George Campus located in downtown Toronto, Ontario. The waste audit was designed to examine representative samples of garbage from seventeen buildings over a five (5) day period to gain an understanding of the quantities and composition of solid wastes generated on campus.

A total waste sample weighing approximately 244 kg was collected and audited between August 16 and 22, 2023. Garbage was collected from the various functional areas in each building, including cafeterias, offices, public areas, laboratories, washrooms and living areas. The following list summarizes the overall garbage composition determined from the waste audit:

- Compostable Paper: 22.8%
- Organic Food Waste 16.6%
- Total Mixed Containers: 13.7%
- #4 Plastics (LDPE): 12.7%
- Total Mixed Papers: 12.1%
- Non-recyclable: 11.1%
- Coffee Cups: 3.1%
- Personal Protective Equipment: 2.2%
- Textiles: 2.1%
- Corrugated Cardboard, Food/Snack Wrapper: Each = 0.9%
- Electronic Wastes: 0.6%
- Scrap Metals, Other Fibre Drink Cups: Each = 0.4%
- Styrofoam, Scrap Woods, Batteries: Each <0.4%

Waste diversion programs are implemented on campus for cardboard, paper fibres, mixed containers, scrap wood, scrap metal, confidential papers, electronic wastes, bulbs, lab glass, amber bottles, yard wastes, animal bedding, organics, construction materials/soil/stones as well as other reuse and reduction programs. The total amount of waste material generated and diverted from landfill between April 2022 and March 2023 is summarized in the following table:

| Material | Total Waste (Metric Tonnes) | Percent |
|----------------------------|--------------------------------|---------|
| Waste Disposed to Landfill | 1542.31 | 35.7% |
| Total Material Diverted | 2772.41 | 64.3% |
| Total Waste Generated | 4314.72 | 100% |

Based on the total amount of waste generated and materials diverted, the waste diversion rate at UofT is approximately 64%. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050.

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1 Introduction

The Facilities & Services Department of the University of Toronto (UofT) retained the services of SDK Environmental to conduct a solid non-hazardous waste audit in August 2023 at the St. George Campus located in downtown Toronto, Ontario. The waste audit was designed to examine representative samples of garbage from seventeen buildings over a five (5) day period to gain an understanding of the quantities and composition of solid wastes generated on campus.

The Facilities & Services Department of the University of Toronto (UofT) retained the services of SDK Environmental to conduct a compactor study of three compactors located at the University of Toronto: St. George Campus. The waste audit examined samples of waste (garbage) from a day (1) period on August 23rd-August 25th, 2023. The goal of the study was to gain understanding of the composition of solid wastes generated in those three compactors locations.

UofT is a large multi-building community with approximately 60,000 students, staff and faculty occupying approximately 140 buildings that generate waste and recycling materials. According to UofT's website, 60,671 Full-Time Equivalent (FTE) students attended the university in 2022-23 (Refer to Appendix A). UofT conducted the waste audit to comply with the requirements of O.Reg. 102/94. UofT is interested in waste reduction solutions to reduce the amount of wastes disposed to landfill as well as their overall impact on the environment.

1.1 Purpose

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

- Comply with Ontario Regulation 102/94 – Waste Audits and Waste Reduction Work Plans Part XI, which requires educational institutions to conduct a waste audit covering the waste generated by the establishment, and prepare and implement a waste reduction work plan on an annual basis if, at the location or campus, at any time during the calendar year, more than 350 persons are enrolled (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 the facility resulting from existing waste reduction, reuse, and recycling programs.
- Identify and quantify the composition and point of generation of waste at the facility.
- Identify the composition of the compactors at three compactors at the facility.
- Identify any additional opportunities for waste reduction and diversion that may exist at the facility; 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 at UofT between August 16 & 22, 2023 (note: on-site waste audit sampling conducted by Waste Reduction Group Inc).
- Collected qualitative data pertaining to waste composition and disposal practices at UofT compactors between August 23 & 25, 2023 (note: off-site waste audit sampling conducted by Waste Reduction Group Inc at Queensway Transfer Station).
- Determined the total quantity of waste diverted from landfill through existing reduction, reuse, and recycling (3Rs) programs at the facility.
- 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 sets out who will implement each part of the plan, when each part will be implemented and what the expected results shall be.

2 Methodology

The Facilities & Services Department conducts an annual waste audit of UofT's St. George Campus, alternating specific buildings being audited and time of year. Per discussions with UofT personnel, the locations summarized in Table 1 were audited in August 2023.

Table 1: Waste Audit Sample Summary

| Date | Physical Waste Audit - Building/Location |
|---------------|---|
| Aug. 16, 2023 | Daniels Building, S Borden, Anthropology |
| Aug. 17, 2023 | Student Commons, Fields Institute, Financial Services |
| Aug. 18, 2023 | Ramsay Wright Laboratories, Lash Miller Chemical Labs, McLennan Labs/Physics |
| Aug. 21, 2023 | Sidney Smith Hall, Medical Sciences Building, Early Learning Centre, BCIT, CCBR |
| Aug. 22, 2023 | Chestnut Residence, Faculty of Dentistry, Rehabilitation Sciences Building |

In coordination with the UofT staff, one (1) twenty-four-hour sample of waste was collected from each of the identified buildings in the waste audit schedule. Bags of trash were collected and tagged with coloured labels describing the functional area within the building that generated the waste material, as summarized in Table 2a.

Table 1: Compactor Audit Summary

| Date | Qualitative Compactor Study Audit – Compactor Location |
|---------------|--|
| Aug. 23, 2023 | 89 Chestnut Compactor (Residue) |
| Aug. 24, 2023 | Sandford Fleming Compactor (Residue) |
| Aug. 25, 2023 | Robarts Library Compactor (Residue) |

In coordination with the Queensway Transfer Station and UofT staff, one (1) compactor was deposited at the transfer station sample of waste was collected from each of the identified compactors in the compactor audit schedule. Waste was reviewed and documented within the stream.

Table 2a: Waste Audit Functional Area Summary

| All Areas Excluding New College - Colour Tag | Functional Area |
|--|---|
| Blue | Office / Administrative Areas |
| Yellow | Laboratories |
| Black | Public Areas (Classrooms, lobbies, lounges, libraries, corridors, etc.) |
| Green | Cafeterias |
| Red | Washrooms |
| White | Living Areas |

The tagged bags of wastes were brought to designated collection areas by UofT staff and placed in temporary plastic containers. The total bagged weight of all trash collected from each functional area per building was recorded. Refer to Appendix A for a copy of the Scale Calibration Certificate.

Waste materials were then unloaded, sorted into individual waste categories, weighed, re-bagged and disposed of in appropriate garbage or recycling bins. Qualified Waste Reduction Group staff sorted samples of garbage. Some of the source separated materials collected by UofT for recycling (i.e., cardboard, organics, e-wastes, printer toners, etc.) were not collected and categorized during the audit (due to scope of waste audit) however the annual quantity of each material was reviewed and included in the audit results.

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

- 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, polystyrene, gable top, aseptic), organic wastes, paper

towels, mixed plastics, Styrofoam, yard waste, electronic waste (e-waste), scrap wood, scrap metal and special wastes (i.e., batteries, bulbs, and ballasts) were included depending on what auditors found in the samples. Table 2b summarizes material categories and descriptions used in the waste audit.

Table 2b: Description of Material Categories

| Material Category | Description |
|-------------------------------|---|
| Compostable Paper | Paper towels, paper napkins, toilet papers, facial tissues, etc. |
| Organic Food Waste | All edible and non-edible organic wastes that results from food items. This includes untouched and leftover bakery, meat & fish, dried food, fruits & vegetables, dairy, and other foods. |
| Non-recyclable | Materials that cannot go in dry-mixed recycling. This includes hazardous waste, black plastics, chip bags, furnace filters, laminated papers, rigid or durable plastics, non-recyclable glass, dust, single-use cleaning wipes, plastic straws and cutlery, and materials too small to process. |
| Total Mixed Containers | All #1 polyethylene terephthalate (PET), #2 high-density polyethylene (HDPE), and #6 non-expanded polystyrene (PS) plastics. This includes clear or coloured thermoform packaging, beverage bottles, non-beverage bottles used for food and non-food items, jugs, rigid food trays, cup, and lids (does not include black plastics). |
| Total Mixed Papers | Mixed fine papers, writing paper, office paper copy paper, bills and statements, ad mail, lottery tickets, receipts, envelopes, promotional cards, promotional calendars, printer information found within packaged products, etc. This includes soft cover books, booklets, magazines, catalogues, calendars, flyers, and inserts. |
| Personal Protective Equipment | Single or multi-use face masks (includes ear loop masks, procedure/surgical masks, medical masks, reusable cloth masks, N95 masks, disposable respirator, etc.). Disposable gloves used for protecting hands (includes latex, nitrile, rubber, plastic, vinyl, surgical-type gloves, etc.). |
| Lab Plastics | Multi-well plates, pipettes, bottles, flasks, vials, culture plates, etc. |
| Coffee Cups | Lined paper cups. |
| #4 Plastics (LDPE) | All #4 low-density polyethylene (LDPE) films. This includes soft, "stretchy" PE plastic used for items |

| | |
|-------------------------|--|
| | such as produce bags, overwrap for water bottles, garbage bags, kitchen liners, blue or clean recycling bags, sandwich, and freezer bags, etc. (does not include black plastics). |
| Compostable Dishware | Compostable cups, take-out containers, cutlery marked with compostable symbols or descriptions. No small wood wastes. |
| Take-out Food Packaging | All #5 polypropylene (PP) food packaging. This includes clear and coloured food containers, jugs, take-out beverage cups, bottles, and jars for food items (does not include black plastics). |
| Textiles | Clothing and cloth-based items. This includes drapes, bedsheets, towels, outerwear, footwear, stuffed toys, purses, belts, bags, hat, scarves, and mittens. |
| Cardboard | Waxed or unwaxed corrugated cardboard containers. This includes molded pulp materials such as egg cartons, drink trays, other trays, etc. |
| Styrofoam | White, coloured, and black polystyrene foam packaging. This includes food trays, clamshells, foam "peanuts," foam blocks, etc. |
| Single-use Plastics | Materials that are made primarily from fossil-fuel-based chemicals (petrochemicals) and are meant to be disposed of right after use (i.e., coffee pods) |
| Bulbs | Incandescent, CFL, halogen, and LED light bulbs. |
| Scrap Metals | Copper pipes, hardware, etc. This includes multi-material items that are mainly metal. |
| Batteries | All single-use and rechargeable batteries. This includes alkaline-manganese, lithium, silver oxide, zinc air, zinc-carbon, etc. |
| Printer Toners | All ink cartridges and printer toners. |
| Mixed Plastics | All other recyclable plastics (#3, 4, 7). This includes clear and coloured bottles, jugs, jars, and containers. |
| Scrap Wood | Non-treated wood materials. This includes skids/pallets, wooden furniture, etc. (does not include branches, brush, or wood chips). |
| E-waste | All waste from electrical and electronic equipment (WEEE). Anything that is battery operated and/or can be plugged into an electrical outlet. This includes computer/IT equipment, telecom equipment, TV & audio equipment, small kitchen appliances, wires/chargers/adapters, gadgets, etc. |

The categories listed above are above and beyond the standard O.Reg.103/94 categories for educational institutions and have been expanded to accommodate a) UofT's request for more data than less and b) UofT's collection streams. An example sort sheet used for the waste audit is



included in Appendix A. A detailed list of non-recyclable items is provided in Section 3.5 of the report.

3 Waste Audit Results

A key aspect of O. Reg. 102/94 is for waste generators to gain a good understanding of the areas of their operation that generate the most waste, how it is generated, as well as the waste composition. One can use this information to focus their recycling and waste reduction efforts efficiently and effectively.

3.1 Garbage Quantities and Distribution

In total, 244.74 kg of garbage materials were collected from garbage bins for the waste audit. Table 3 ranks the amount of garbage generated per building based on the audit results.

Table 3: Quantity of Garbage Generated per Audited Building

| Building Name | Garbage Sample kg | Percentage ⁽¹⁾ % |
|----------------------------------|----------------------|--------------------------------|
| Faculty of Dentistry | 35.68 | 14.6% |
| Sidney Smith Hall | 29.12 | 11.9% |
| Rehabilitation Sciences Building | 27.81 | 11.4% |
| Lash Miller Chemical Labs | 27.39 | 11.2% |
| BCIT | 16.12 | 6.6% |
| Student Commons | 14.54 | 5.9% |
| Daniels Building | 14.22 | 5.8% |
| McLennan Labs/Physics | 12.29 | 5.0% |
| South Borden Building | 11.97 | 4.9% |
| Chestnut Residence | 11.06 | 4.5% |
| Anthropology | 9.95 | 4.1% |
| Medical Sciences Building | 7.94 | 3.2% |
| Fields Institute | 7.61 | 3.1% |
| Ramsay Wright Laboratories | 5.63 | 2.3% |
| Early Learning Centre | 5.06 | 2.1% |
| CCBR | 4.90 | 2.0% |
| Financial Services | 3.45 | 1.4% |
| Total | 244.74 | 100.0% |

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

Based on the 24-hour sample results, Faculty of Dentistry, Sidney Smith Hall, Rehabilitation Sciences Building, Lash Miller Chemical Labs, BCIT, Student Commons, Daniels Building and McLennan Labs/Physics were the most significant generators of garbage, representing approximately 72% of the sample (based on 24-hr period).

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

Table 4: Quantity of Garbage Generated per Functional Area

| Functional Area | Garbage Sample kg | Percentage ⁽¹⁾ % |
|-----------------|----------------------|--------------------------------|
| Public Areas | 92.94 | 38.0% |
| Unlabelled | 52.12 | 21.3% |
| Cafeteria | 31.77 | 13.0% |
| Office & Admin | 27.29 | 11.2% |
| Washrooms | 24.01 | 9.8% |
| Living Area | 11.06 | 4.5% |
| Total | 244.74 | 100.0% |

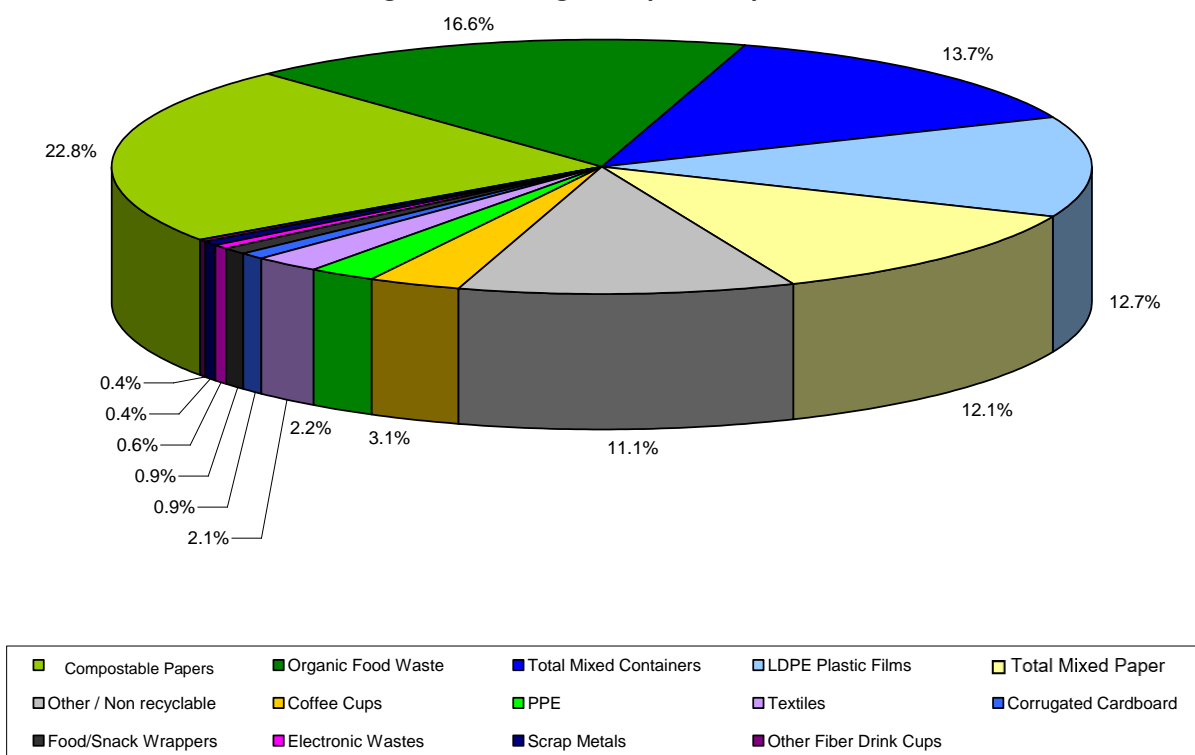
Note 1: Percentage based on individual 24-hr garbage sample results from the waste audit.

Therefore, Public areas, Unlabelled and Cafeteria areas generated the most garbage on campus, representing approximately 72% of the waste audit sample.

3.2 Garbage Composition

Figure 1 summarizes the overall garbage composition generated at UofT based on the waste audit conducted on garbage bins in August 2023:

Figure 1: Garbage Sample Composition



Other/Non recyclables represent materials that cannot go in dry-mixed recycling. This includes black plastics, mop heads, mixed materials, contaminated materials, chip bags, furnace filters, laminated papers, rigid or durable plastics, non-recyclable glass, dust/sweepings, single-use cleaning wipes, plastic straws and cutlery, and materials too small to process.

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

Compostable Paper (such as paper towels, napkins, toilet paper, facial tissue, etc.) represented 22.8% of the overall garbage stream, or approximately 352 MT annually. All audited functional areas of buildings generated high quantities of this material except living areas. UofT may wish to investigate the feasibility of implementing an expanded paper towel recycling program to capture more of this material on campus in order to reduce the amount of this material disposed to landfill. Paper towels are not a mandatory recyclable material per O.Reg.103/94.

Organic materials (i.e., food wastes) represented 16.6% of the overall garbage stream, or approximately 256 MT annually. Organics were found in high quantities in all functional areas except washrooms. An organics 3Rs program exists at UofT in designated areas. The results suggest that an expanded collection system, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Organics are not a mandatory recyclable material per O.Reg.103/94. However, according to Ontario's Food and Organic Waste Policy Statement, it is proposed that ICI Sectors will have to reduce and/or recover food and organic wastes between 50%-70% by 2025.

Mixed containers represented 13.7% of the overall garbage stream, or approximately 211 MT annually. Mixed containers were found in high quantities in all functional areas except washrooms and living areas. The most common types of materials found were #5 plastic, PET (#1) and aluminum containers. A mixed container 3Rs program exists at UofT. This data suggests that better collection systems, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Glass, steel and aluminum food and beverage containers are mandatory recyclables at educational institutions per O.Reg.103/94.

Mixed papers represented 12.1% of the overall garbage stream, or approximately 187 MT annually. Mixed papers were found in high quantities in all functional areas that were audited. The most common types of materials found were fine papers and boxboard. A mixed paper 3Rs program exists at UofT. This data suggests that better collection systems, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Fine paper and newsprint are mandatory recyclables at educational institutions per O.Reg.103/94.



3.3 Garbage Composition per Building

Figures 2 through 18 summarize the garbage composition per building.

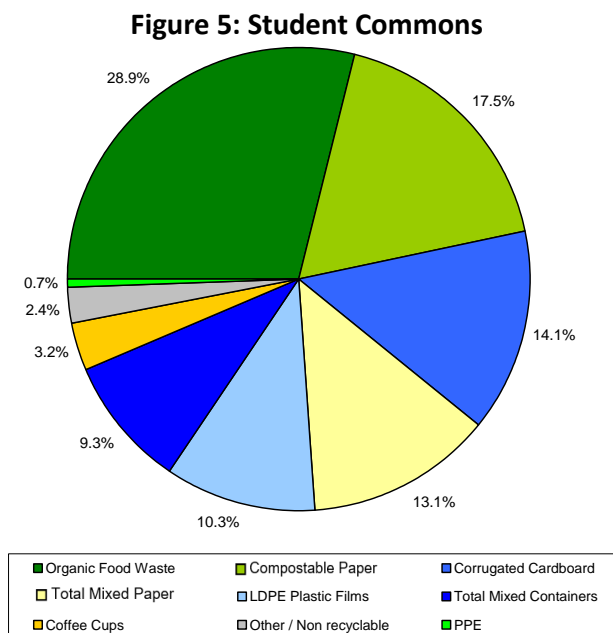
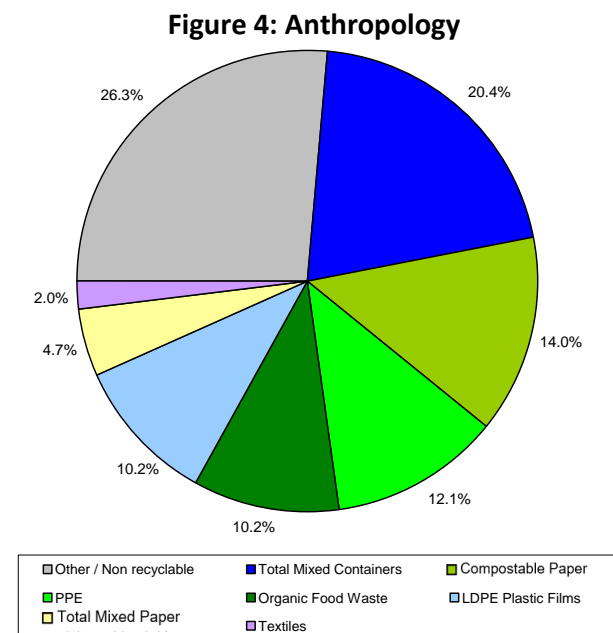
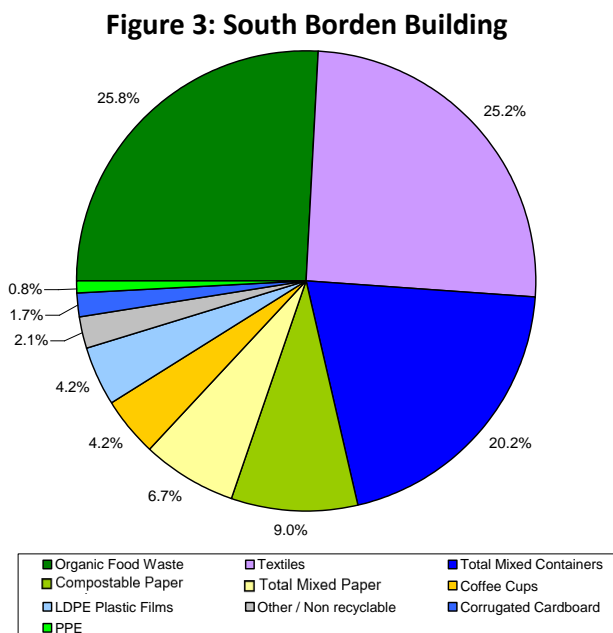
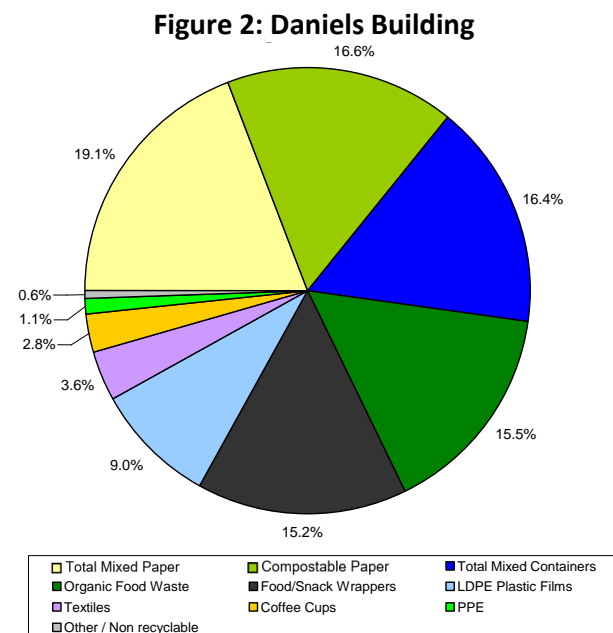


Figure 6: Fields Institute

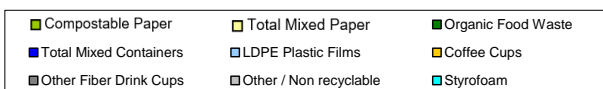
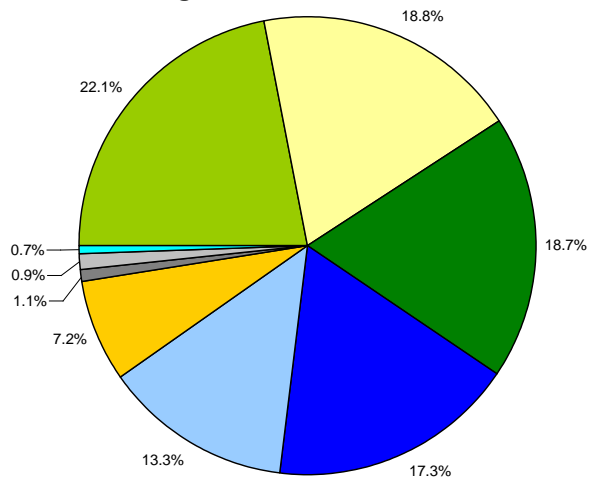


Figure 7: Ramsay Wright Laboratories

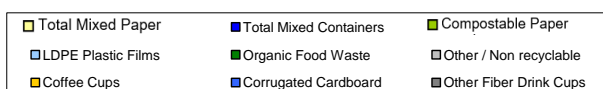
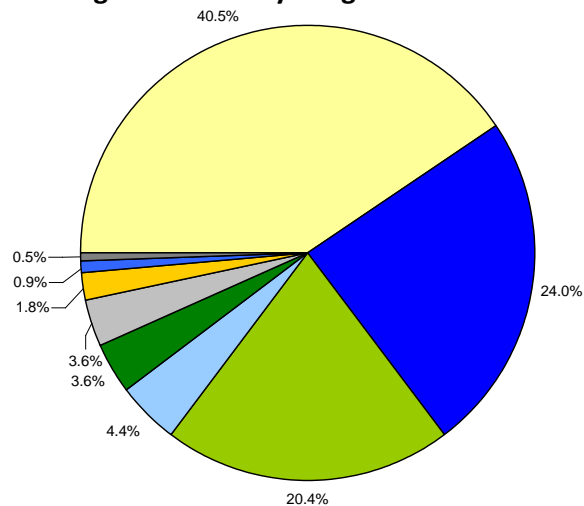


Figure 8: Lash Miller Chemical Labs

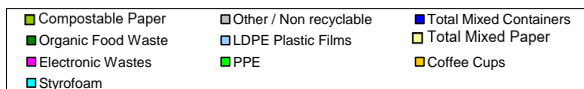
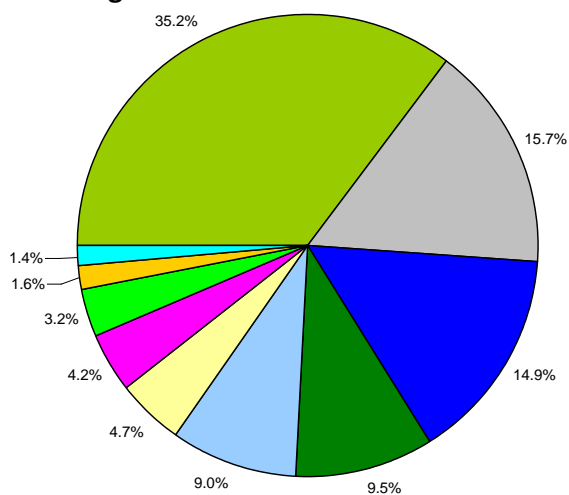


Figure 9: Sidney Smith Hall

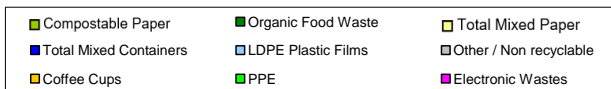
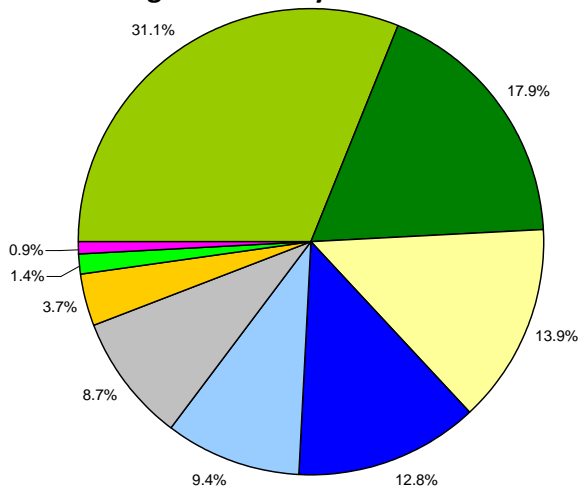


Figure 10: Medical Sciences Building

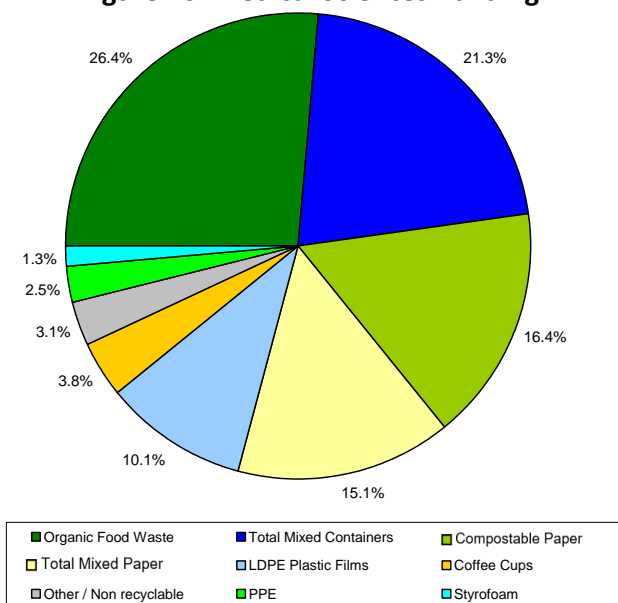


Figure 11: Early Learning Centre

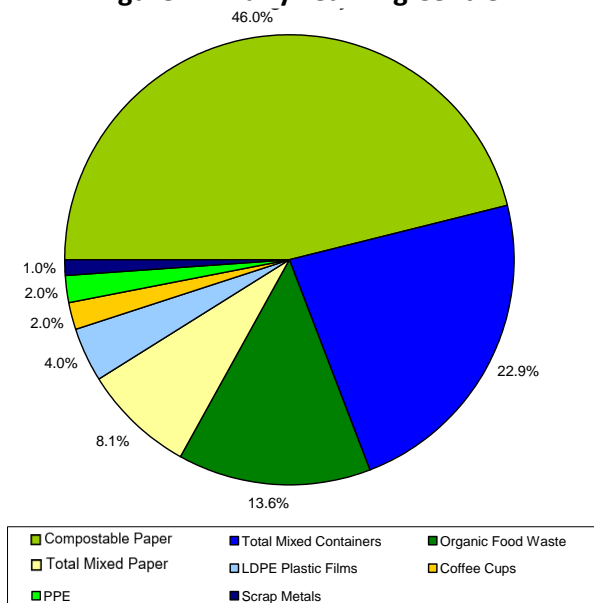


Figure 12: Chestnut Residence

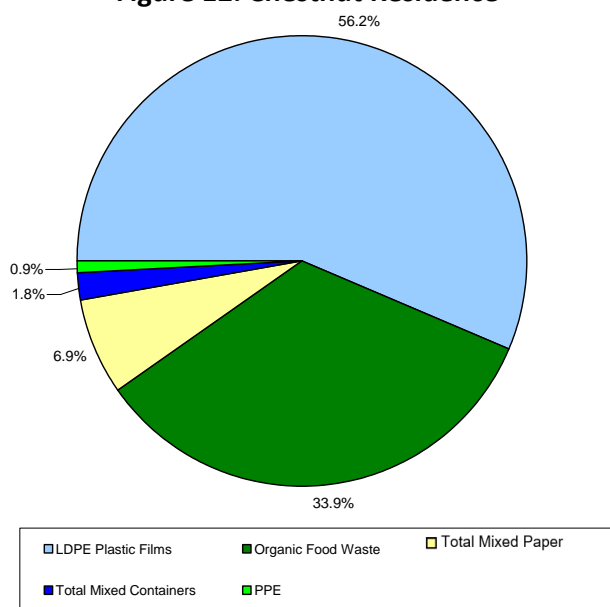


Figure 13: BCIT

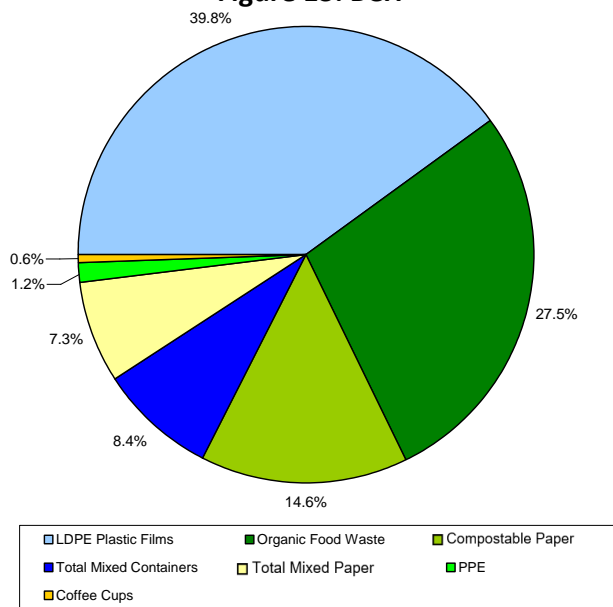


Figure 14: Faculty of Dentistry

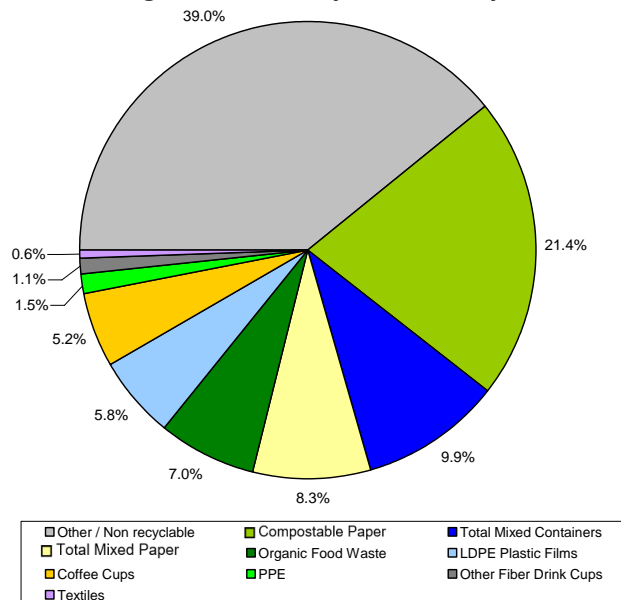


Figure 15: Rehabilitation Sciences Building

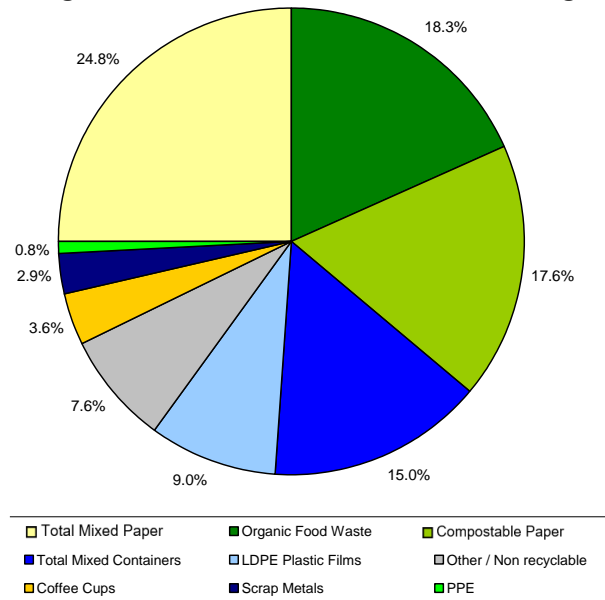


Figure 16: Financial Services

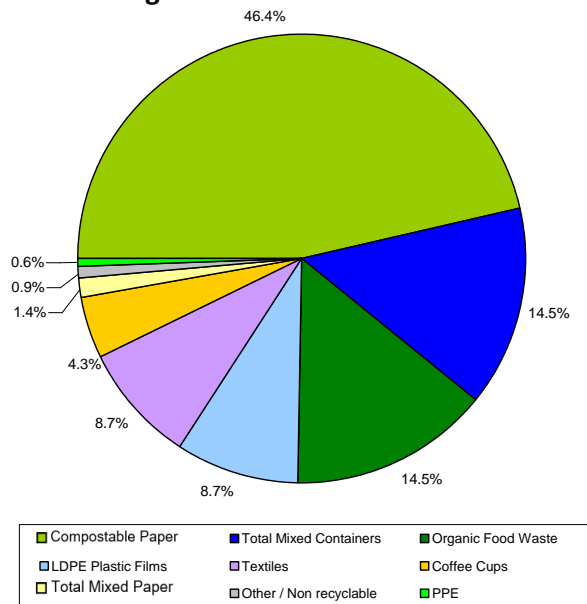


Figure 17: McLennan Labs/Physics

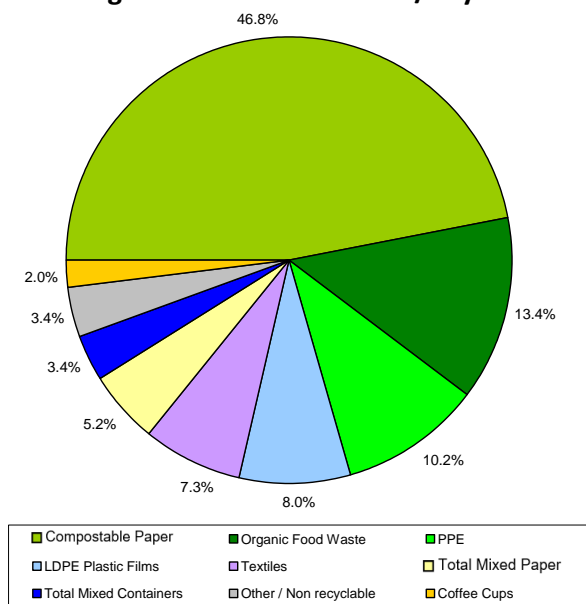
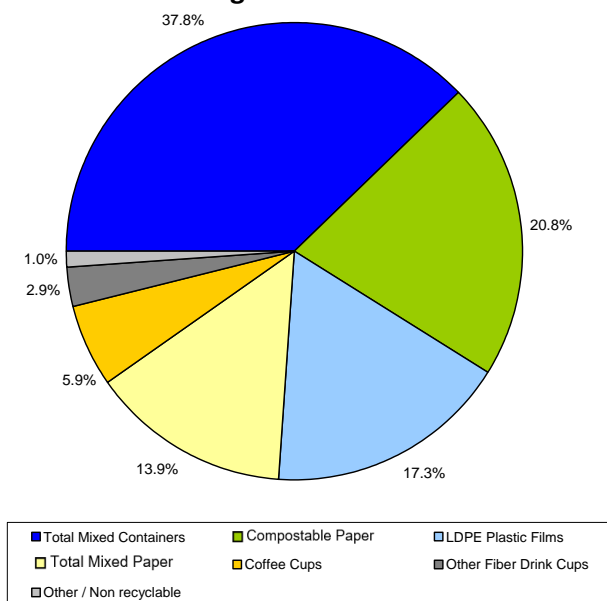


Figure 18: CCBR



3.4 Garbage Composition per Functional Area

Figures 19 through 25 summarize the garbage composition per functional area of buildings that were audited.

Figure 19: Office Areas

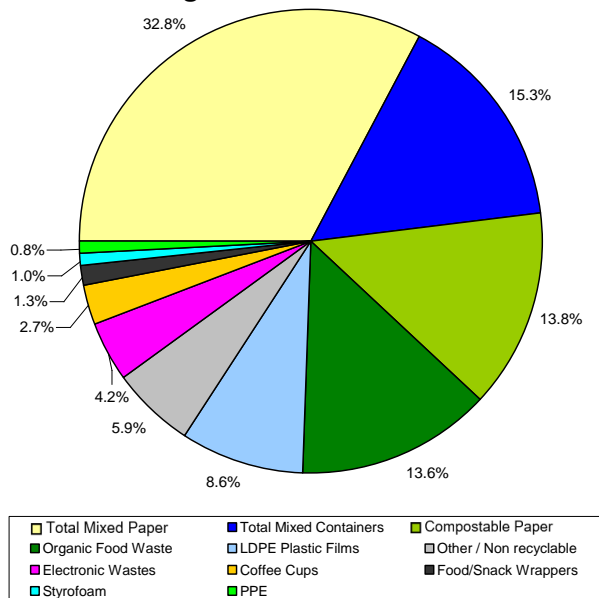


Figure 20: Lab Areas

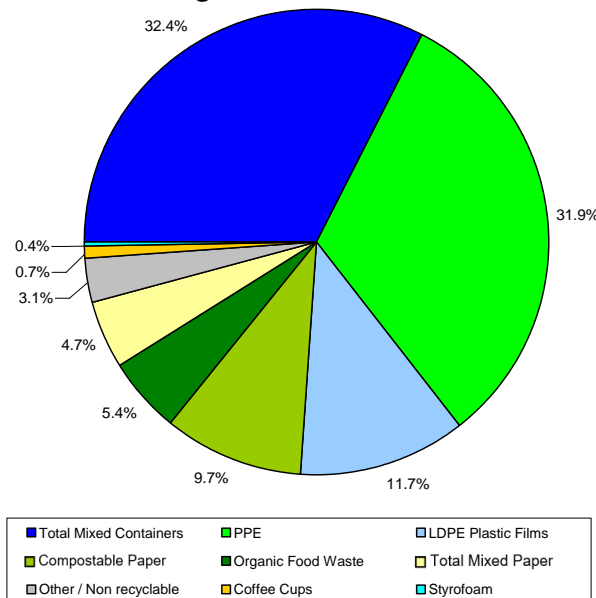


Figure 21: Public Areas

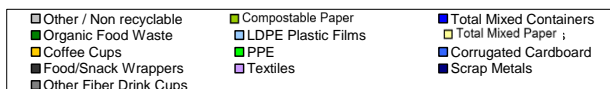
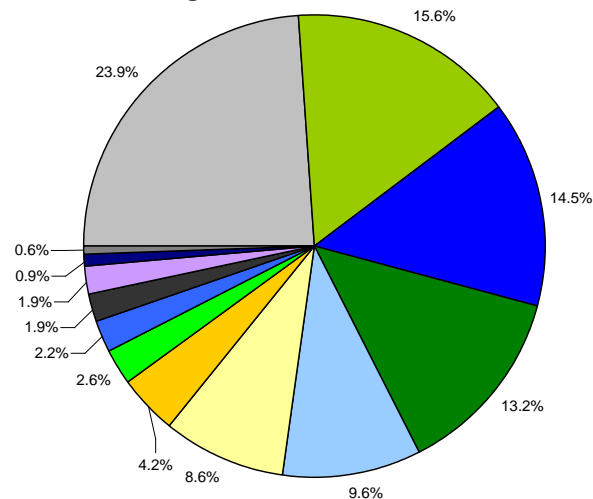


Figure 22: Cafeteria Areas

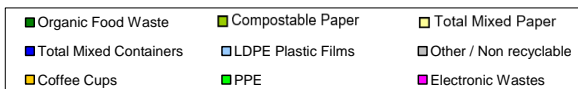
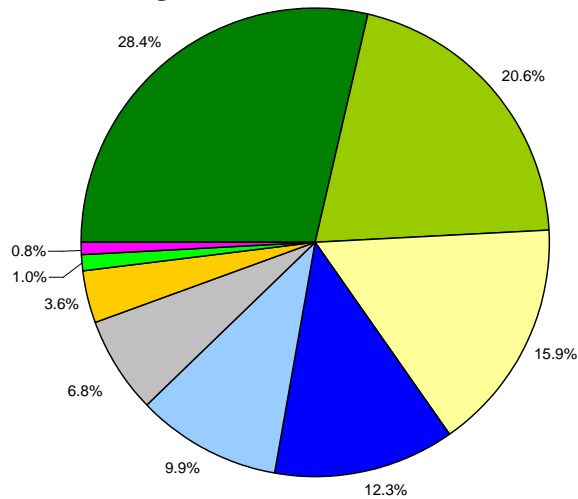


Figure 23: Washroom Areas

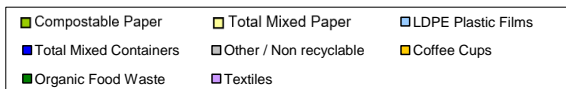
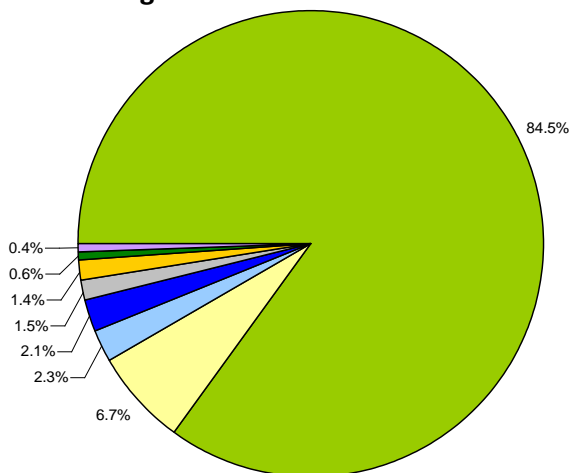
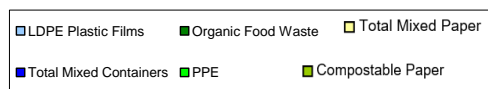
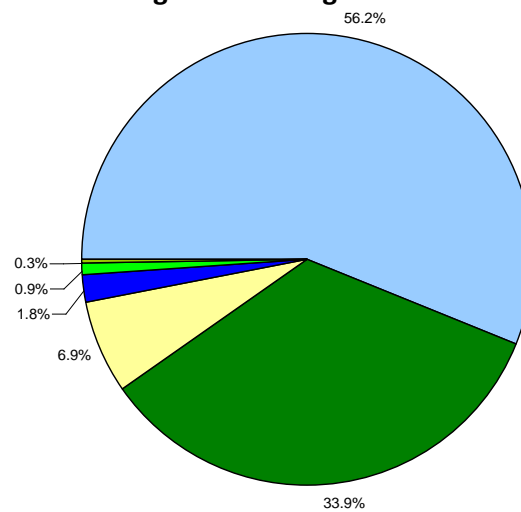
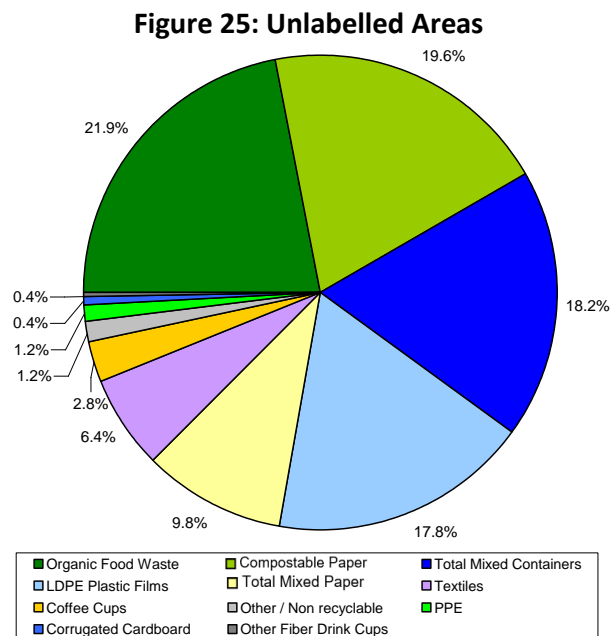


Figure 24: Living Areas





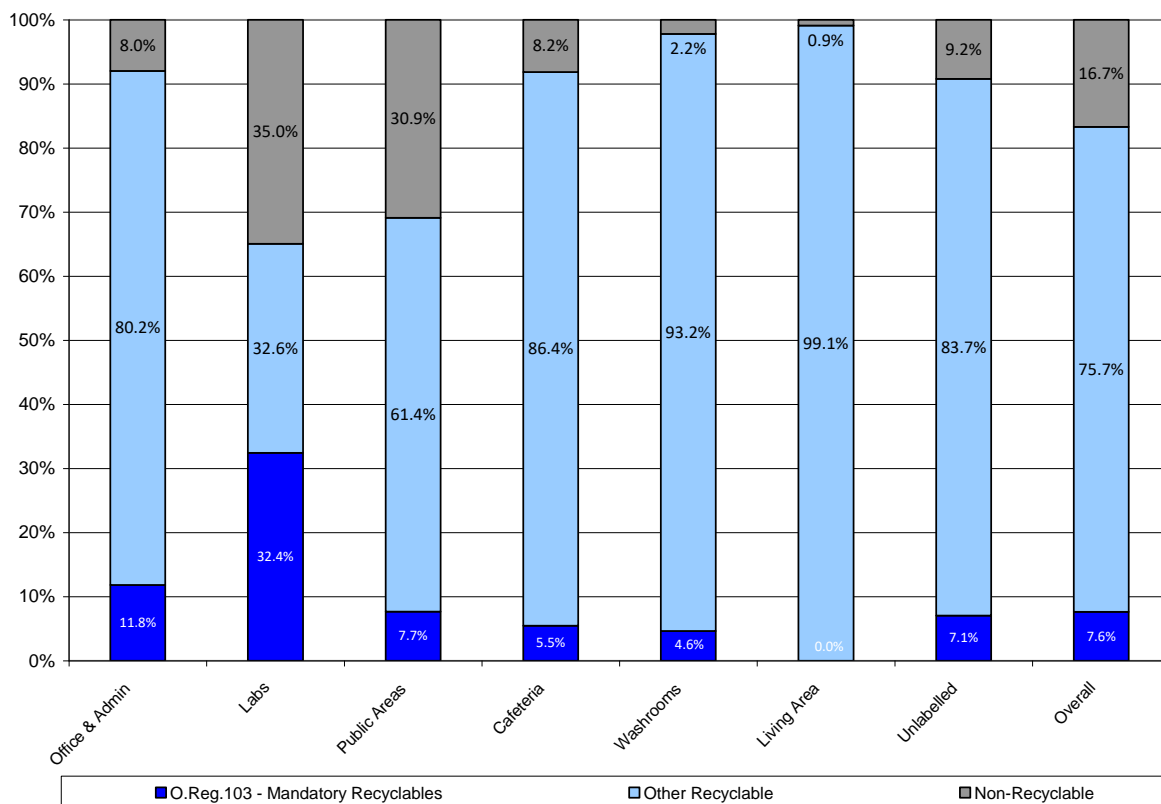
3.5 Percentage of Recyclables in Garbage Stream

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 26 summarizes the quantity of these 'mandatory' recyclable materials found in the waste audit garbage samples compared to 'other recyclable' materials (i.e., non-mandatory recyclables), as well as to 'non-recyclable' materials found in the garbage sample.

Figure 26: Percentage of Recyclables found in Garbage Stream



The waste audit data suggests that the garbage stream has a 'mandatory' recyclable content of 7.6% in the combined garbage from all areas of the university. The most common 'mandatory' recyclables included fine papers and aluminum cans. 'Other Recyclables' represented 75.7% of the sample. These 'Other Recyclable' materials consisted of Compostable Paper, organic food wastes and plastic films.

Approximately 16.7% of the waste sample consisted of non-recyclable items, including but not limited to mixed materials, floor sweepings, non-recyclable take-out/fast food containers, non-recyclable food wrappers, waxed cups, non-recyclable packaging materials, non-recyclable plastics, soiled materials, liquids, binders, adhesives/tapes, labels, label backings and foreign wastes (small bags full of mixed garbage typical from other sources), laminated materials, mop heads, hygiene products, diapers, plus other miscellaneous wastes.

4 Diversion Programs & Waste Systems

4.1 Diversion Programs

3Rs programs have been implemented at UofT to divert a wide range of materials from disposal. As part of the waste audit, discussions were held with UofT personnel to gain an understanding of the waste diversion practices currently in place at the institution. Table 5 summarizes the amount of waste diverted from landfill due to the 3Rs programs implemented at the institution.

Table 5: Waste Diversion Summary

| Waste Category | Recycled/Reused/Diverted | Quantity (MT) |
|---|--------------------------|----------------|
| Mixed Papers | Recycled | 150.08 |
| Cardboard | Recycled | 371.18 |
| Confidential Papers | Recycled | 60.00 |
| Scrap Wood | Recycled | 168.00 |
| Scrap Metals | Recycled | 61.28 |
| Mixed Containers | Recycled | 69.19 |
| Amber Bottles | Recycled | 4.36 |
| Electronic Wastes/Bulbs | Recycled | 134.00 |
| Lab Glass | Recycled | 4.11 |
| Gasification | Diverted | 207.84 |
| Yard Wastes | Composted | 68.38 |
| Animal Bedding | Composted | 85.43 |
| Organics | Composted | 808.56 |
| Construction Materials/Soil/Stones | Reused | 450.00 |
| Diverted via Various Reuse Programs | Reused | 30.00 |
| Diverted via Various Reduction Programs | Reduced | 100.00 |
| | | 2772.41 |

Therefore, the total amount of waste materials diverted from landfill from April 2022 through March 2023 was approximately 2772.41 MT. Source separation programs implemented at UofT exceed the minimum requirements of O.Reg.103/94 for educational institutions.

Although not quantified for the waste audit report, UofT has implemented a number of programs to assist in their recycling efforts including having ‘as needed’ staff working on-site at the Medical Science yard and at South Borden Building to clean and separate materials such as coffee cups, polystyrene, tires as well as other unique materials. Mixed containers are removed from bags, so the materials are loose and easier for the recycling company to handle the material to ensure it is recycled.

The Facilities & Services Department will be conducting another departmental survey to update their records and account for materials that are diverted through department specific programs such as confidential paper shredding, furniture/equipment donations and surplus assets, electronic wastes, as well as to remind departmental staff of available programs such as the lug-a-mug program, double-sided or no-print policies, and organic program availability for office kitchen areas.

4.2 Waste Disposal Systems

Based on the information provided by UofT, approximately 1542.31 of solid non-hazardous waste was disposed from the site to landfill between April 2022 and March 2023. Wastes are collected throughout the facility and transferred into various compactors located throughout campus.



5 Compactor Results

5.1 80 Chestnut St Residue Compactor Study

Table 5: Top 4 Contaminants Summary for 80 Chestnut

| Material Category | Percentage of Material |
|---|------------------------|
| Material 1 – Numbered Plastics (#1,2,4,5,6) | 40% |
| Material 2 – Organics | 30% |
| Material 3 – Paper and Cardboard | 20% |
| Material 4 – Bulky Items (Furniture etc.,) | 10% |
| <i>Total Net Weight</i> | 590.00kgs |

The waste composition was not in line with our expectations for an institute, with a mix of organic, recyclable, non-recyclable materials and quite a lot of bulky materials present in the compactor. The waste stream is predominantly composed of household garbage, including food scraps and packaging materials. Many instances of improper waste disposal, such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, plastic containers with food residue, food residue on paper products, glass bottles, and hazardous waste. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers.

5.2 Sanford Fleming Residue Compactor Study

Table 6: Top 4 Contaminants Summary for Sandford Fleming

| Material Category | Percentage of Material |
|--|------------------------|
| Material 1 – Numbered Plastics (#1,2,4,5,6) | 50% |
| Material 2 – Organics | 40% |
| Material 3 – Paper and Cardboard | 10% |
| Material 4 – Bulky (Furniture, housewares etc.,) | 10% |
| <i>Total Net Weight</i> | 6100.00kgs |

The waste composition is as expected for a large academic institution, with a significant amount of paper waste, organic waste, and non-recyclable waste. The waste stream is predominantly composed of household garbage, including food scraps, paper products and packaging materials. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers. There are instances of improper waste disposal with materials such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, medical waste, hazardous waste materials and glass bottles. With indications of recycling materials with food residue. There are occurrences of food residue on paper products, indicating potential contamination. There's a noticeable trend toward the use of single-use plastic materials, such as disposable water bottles.

5.3 Robart's Library Residue Compactor Study

Table 7: Top 4 Contaminants Summary for Robart's Library

| Material Category | Percentage of Material |
|---|------------------------|
| Material 1 – Numbered Plastics (#1,2,4,5,6) | 60% |
| Material 2 – Paper and Cardboard | 20% |
| Material 3 – Organics | 15% |
| Material 4 – Non-Recyclables | 5% |
| <i>Total Net Weight</i> | 2650.00kgs |

The waste composition is as expected for a library, with a significant amount of paper waste, packaging waste and non-recyclable waste. With the waste primarily consisting of plastics, paper products, and garbage, including food scraps and packaging materials. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers. There are instances of improper waste disposal with materials such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, as plastic containers with food residue, glass bottles. There instances of food residue on paper products, indicating potential contamination. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers.

6 Performance Metrics

6.1 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 MECP, Waste Diversion Rate is calculated as follows:

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

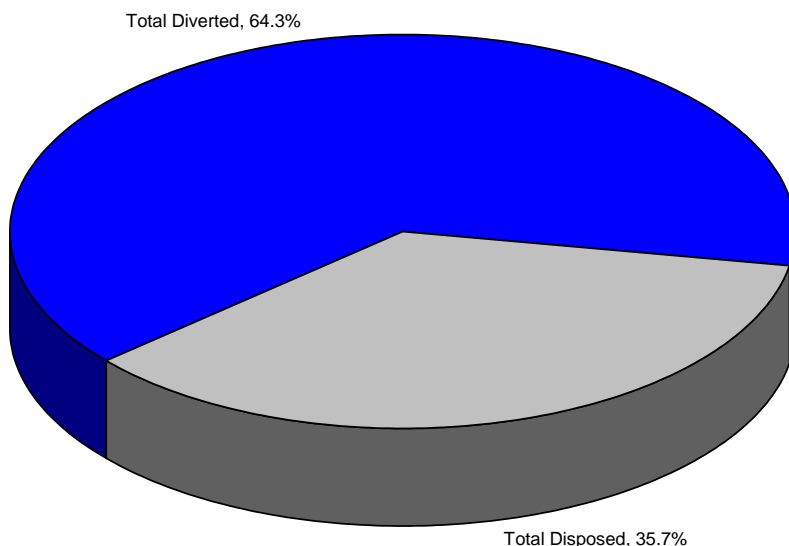
Based on the total amount of waste generated, as well as materials diverted, the annual waste diversion rate at UofT is approximately 64%. Table 6 and Figure 27 summarize the overall quantities of wastes disposed, diverted, reused, recycled, and composted at UofT's St. George Campus. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050.



Table 8: Waste Quantities Disposed & Diverted

| Material | Total Quantities | |
|-------------------------------------|------------------|--------------|
| | (Metric Tonnes) | Percent |
| Waste Disposed to Landfill | 1542.31 | 35.7% |
| Total Material Diverted – Recycled | 1022.20 | 23.7% |
| Total Material Diverted – Reused | 480.00 | 11.1% |
| Total Material Diverted – Reduced | 100.00 | 2.3% |
| Total Material Diverted – Composted | 962.37 | 22.3% |
| Total Material Diverted – Other | 207.84 | 4.8% |
| Total Waste Generated | 4314.72 | 100% |
| Waste Diversion Rate | | 64.3% |

Figure 27: 2022-2023 Waste Audit Summary



6.2 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. It is recommended that UofT track ‘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 UofT, the most applicable standard unit is Full-time equivalent students, or FTE.

6.2.1 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 8 summarizes the results for the 2022-23 year compared to previous years. A positive year-over-year change indicates 3Rs programs are improving over time.

Table 9: Yr.-over-Yr. Change in 3Rs Quantities.

| Period | Total Materials Diverted, Reused Recycled (MT) | FTE | Annual 3R Quantity (kg/FTE) | Yr.-over-Yr. Change in 3Rs Quantity (kg) |
|-----------|--|--------|-----------------------------|--|
| 2022-2023 | 2772.41 | 60,671 | 45.70 | +16.54 |
| 2020-2021 | 1902.71 | 65,246 | 29.16 | -22.25 |
| 2019-2020 | 3245.44 | 63,127 | 51.41 | -5.72 |
| 2018-2019 | 3561.25 | 62,333 | 57.13 | -10.16 |
| 2015-2016 | 4098.45 | 60,903 | 67.29 | -11.36 |
| 2013-2014 | 4555.43 | 57,919 | 78.65 | +0.52 |
| 2012-2013 | 4418.23 | 56,547 | 78.13 | +2.48 |
| 2011-2012 | 4141.3 | 54,745 | 75.65 | +4.64 |
| 2010-2011 | 3,810.68 | 53,664 | 71.01 | -- |

6.2.2 Year-over-Year Change in Garbage Disposed

The 'Year over Year Change in Trash 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 9 summarizes the results for the 2022-23 year compared to previous years. A reduction in the year over year value will indicate the university is continually reducing wastes disposed to landfill.

Table 10: 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) |
|-----------|---|--------|-----------------------------------|---|
| 2022-2023 | 1542.31 | 60,671 | 25.42 | +13.29 |
| 2020-2021 | 791.11 | 65,246 | 12.13 | -18.06 |
| 2019-2020 | 1906.11 | 63,127 | 30.19 | -4.43 |
| 2018-2019 | 2158.24 | 62,333 | 34.62 | +0.12 |
| 2015-2016 | 2101.41 | 60,903 | 34.50 | +1.64 |
| 2013-2014 | 1903.05 | 57,919 | 32.86 | +0.67 |
| 2012-2013 | 1820.37 | 56,547 | 32.19 | +1.94 |
| 2011-2012 | 1655.9 | 54,745 | 30.25 | -2.88 |
| 2010-2011 | 1777.5 | 53,664 | 33.12 | -- |

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 UofT, the following conclusions can be made. Recommendations presented below are intended to assist UofT in maximizing their waste diversion potential at the institution.

- Between April 2022 and March 2023, UofT disposed of approximately 1542.31 tonnes of solid waste in landfills. Approximately 2772.41 tonnes of waste materials were diverted through existing reduce, reuse, recycle and compost activities. Ontario's Waste Free Waste Strategy indicates interim goals of 50% diversion rate by 2030 and 80% by 2050.
- Source separation programs have been implemented at UofT for a variety of materials, including but not limited to, cardboard, paper fibres, mixed containers, scrap wood, scrap metal, confidential papers, electronic wastes, bulbs, lab glass, amber bottles, yard wastes, animal bedding, organics, construction materials/soil/stones as well as other reuse and reduction programs.
- Source separation programs implemented at UofT exceed the minimum requirements of O.Reg.103/94 for educational institutions.
- In total, 244.74 kg of waste was collected and sorted for the waste audit. Faculty of Dentistry, Sidney Smith Hall, Rehabilitation Sciences Building, Lash Miller Chemical Labs, BCIT, Student Commons, Daniels Building and McLennan Labs/Physics were the most significant generators of garbage, representing approximately 72% of the sample (based on 24-hr period).
- Public areas, Unlabelled and Cafeteria areas generated the most garbage on campus, representing approximately 72% of the waste audit sample.
- The University of Toronto has a 'mandatory' recyclable content of 7.6% in the combined garbage from all areas of the university. The most common 'mandatory' recyclables included fine papers and aluminum cans. 'Other Recyclables' represented 75.7% of the sample. These 'Other Recyclable' materials consisted of Compostable Paper, organic food wastes and plastic films.
- Compostable Paper (such as paper towels, napkins, toilet paper, facial tissue, etc) represented 22.8% of the overall garbage stream, or approximately 352 MT annually. All audited functional areas of buildings generated high quantities of this material except living areas. UofT may wish to investigate the feasibility of implementing an expanded paper towel recycling program to capture more of this material on campus in order to reduce the amount of this material disposed to landfill. Paper towels are not a mandatory recyclable material per O.Reg.103/94.
- Organic materials (i.e., food wastes) represented 16.6% of the overall garbage stream, or approximately 256 MT annually. Organics were found in high quantities in all functional areas except washrooms. An organics 3Rs program exists at UofT in designated areas. The results suggest that an expanded collection system, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Organics are not a mandatory recyclable material per O.Reg.103/94. However, according to Ontario's Food and Organic Waste Policy Statement, it is proposed that ICI Sectors will have to reduce and/or recover food and organic wastes between 50%-70% by 2025.



- Mixed containers represented 13.7% of the overall garbage stream, or approximately 211 MT annually. Mixed containers were found in high quantities in all functional areas except washrooms and living areas. The most common types of materials found were #5 plastic, PET (#1) and aluminum containers. A mixed container 3Rs program exists at UofT. This data suggests that better collection systems, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Glass, steel and aluminum food and beverage containers are mandatory recyclables at educational institutions per O.Reg.103/94.
- Mixed papers represented 12.1% of the overall garbage stream, or approximately 187 MT annually. Mixed papers were found in high quantities in all functional areas that were audited. The most common types of materials found were fine papers and boxboard. A mixed paper 3Rs program exists at UofT. This data suggests that better collection systems, improved signage and/or student/staff education programs may be required to improve the capture rate of this material. Fine paper and newsprint are mandatory recyclables at educational institutions per O.Reg.103/94.
- Capture rates ranged between approximately 25% and 100%. Mixed containers and mixed papers had the only values less than 75%, being approximately 25% and 45% respectively. The overall capture rate of all recyclables on campus was approximately 80%.
- 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. The 'Year-over-Year Change in 3Rs Quantities' was determined to be +16.54 kg/FTE in 2022-23. A positive year-over-year change indicates 3Rs programs are improving over time.
- The 'Year over Year Change in Trash Disposed' is the indicator of the amount of reduction in waste materials disposed to landfill due to reduction, reuse, and recycling activities on campus. The 'Year over Year Change in Trash Disposed' was determined to be +13.29 kg/FTE in 2022-23. A reduction in the year over year value will indicate the university is continually reducing wastes disposed to landfill.
- UofT will be reviewing and updating departmental information in future months. It has been a number of years since the department confidential shredding survey was completed. This should be updated as well as interview department contacts regarding asset management, and/or other furniture/equipment donations, electronic waste recycling/donations and/or special wastes that were not accounted for in the waste audit. At the same time, department contacts can be educated/reminded about office organic and coffee cup diversion programs as well as any specialty diversion programs implemented on campus that they may not be aware of.
- It is recommended that UofT meet with the Sustainability Department regarding any possible 3R's programs that have been implemented on-site that are currently unknown and quantified so they can be included in the waste audit report.
- Continue to make use of multi-compartment containers (i.e., recycling depots) for waste collection and recycling as much as possible. Remove all "solitary" waste bins at the facility. We recommend only having waste bins that are attached to or close to multi-compartment recycling containers.



- It is recommended that UofT continue to educate staff and students regarding the on-campus recycling programs. UofT has implemented a four (4) stream program: garbage, mixed papers, mixed containers, and coffee cups. Staff and students should be reminded of the importance of placing the correct material into the correct bin in order to minimize contamination.
- Continue to add and maintain signs at recycling depots to assist staff and students in sorting wastes easily and correctly. Signs should be easily visible and instructive, such as those having pictograms. Signs are a very effective method of increasing participation, reducing contamination, and increasing material capture rates.
- Provide easy access to contact information for help with questions regarding all recycling programs. Each recycling program should have as much consistency as possible across the entire campus.
- Ensure UofT's Environmental Policy is clearly displayed to emphasize the facility's commitment to environmental stewardship, which can also be demonstrated in its newsletters, brochures, annual reports, and contracts. Regular newsletters promoting the campus' waste reduction programs, goals and concerns will increase employee/student cooperation.
- Continue to collect all recyclables and wastes in clear plastic garbage bags instead of black plastic garbage bags. This allows maintenance staff to monitor waste collection, as well as to ensure that separated waste streams are disposed of in the correct containers.
- Support and encourage the purchase and use of "environmentally friendly," reusable or recyclable materials and packaging, and/or those that contain recycled content. This is applicable to U of T's office paper and paper towel purchases.
- 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 employees can review it. If a summary is posted, the entire Waste Reduction Work Plan should also be made available for review by any of the facility employees upon request.
- According to O.Reg. 102/94, the waste audit and waste reduction work plan must be updated on an annual basis.
- According to O.Reg. 102/94, a report of the waste audit and waste reduction work plan must be retained on file for a minimum of five years.
- Ensure that the waste diversion program has the full support of UofT's management team.




Appendix A

Supporting Documentation

Schedule 2a: Total FTE Enrolments

2021-22 to 2027-28



| | 2021-22 | 2022-23 | 2022-23 | 2022-23 | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 |
|----------------------------------|---------------|---------------|---------------|----------------|------------|---------------|---------------|---------------|---------------|---------------|
| | Actual | Plan | Actual | Variance | YoY Change | Plan | Projected | Projected | Projected | Projected |
| Total FTE | 85,747 | 87,709 | 86,297 | (1,411) | 550 | 88,464 | 91,029 | 92,418 | 93,606 | 94,313 |
| Total Undergraduate | 65,407 | 66,581 | 65,771 | (810) | 364 | 67,461 | 69,314 | 70,320 | 71,294 | 71,767 |
| Total Graduate | 20,341 | 21,127 | 20,526 | (601) | 186 | 21,003 | 21,715 | 22,097 | 22,311 | 22,546 |
| Total FTE By Campus | 85,747 | 87,709 | 86,297 | (1,411) | 550 | 88,464 | 91,029 | 92,418 | 93,606 | 94,313 |
| St. George (Note 2, 3) | 58,748 | 60,781 | 60,671 | (110) | 1,923 | 62,275 | 63,414 | 63,991 | 64,246 | 64,470 |
| UTM (Note 2, 3) | 14,515 | 14,301 | 13,621 | (680) | (893) | 13,701 | 14,071 | 14,145 | 14,520 | 14,595 |
| UTSC (Note 3) | 11,947 | 12,082 | 11,543 | (539) | (404) | 12,032 | 13,053 | 13,795 | 14,359 | 14,767 |
| Toronto School of Theology (TST) | 538 | 544 | 462 | (82) | (75) | 456 | 490 | 486 | 481 | 482 |
| Undergraduate FTE | 65,407 | 66,581 | 65,771 | (810) | 364 | 67,461 | 69,314 | 70,320 | 71,294 | 71,767 |
| Direct Entry Programs (Note 1) | 57,912 | 58,965 | 58,135 | (831) | 222 | 59,677 | 61,331 | 62,224 | 63,080 | 63,474 |
| Second-Entry Professional | 7,190 | 7,285 | 7,389 | 104 | 199 | 7,521 | 7,663 | 7,772 | 7,886 | 7,963 |
| Conjoint TST Programs | 304 | 331 | 247 | (84) | (57) | 263 | 320 | 325 | 329 | 330 |
| Graduate FTE | 20,341 | 21,127 | 20,526 | (601) | 186 | 21,003 | 21,715 | 22,097 | 22,311 | 22,546 |
| Professional Master's | 9,507 | 10,002 | 9,667 | (335) | 160 | 9,913 | 10,372 | 10,523 | 10,592 | 10,690 |
| Doctoral Stream Master's | 2,890 | 2,969 | 2,823 | (146) | (67) | 2,868 | 2,959 | 2,997 | 2,999 | 3,004 |
| Doctoral | 7,711 | 7,943 | 7,822 | (122) | 111 | 8,030 | 8,212 | 8,417 | 8,568 | 8,700 |
| Graduate Conjoint TST Programs | 233 | 213 | 215 | 2 | (19) | 193 | 171 | 161 | 152 | 152 |

Notes:

- 'Direct-entry' includes undergraduate programs offered by the following divisions: Arts & Science St. George, UTM, UTSC, Applied Science & Engineering, Architecture, Landscape & Design, Kinesiology & Physical Education, and Music, as well as the Transitional Year program.
- Medicine MD and MScOT students at UTM are included in the UTM subtotal above.
- Self-declared graduate Arts & Science students at UTM and UTSC are included in the UTM and UTSC subtotals above.

**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: Jan 25 2023

SR # 51086

CUSTOMER:

Waste Reduction Group
214 Merton St. Unit 101
Toronto ON

REMARKS

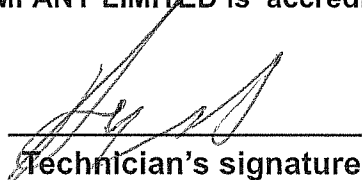
This is to certify that the following scale has been tested and verified in relation to the Standards maintained by **CANADIAN SCALE COMPANY LIMITED**, with test weights traceable to the Legal Metrology Laboratories of, Industry Canada and National Research Council, Canada.

Western bench scale model - EWA 150

Capacity 150 kg

S/N - 202104196

CANADIAN SCALE COMPANY LIMITED is accredited with Measurement Canada



Technician's signature

Ryan Lal



CANADIAN SCALE COMPANY LIMITED

305 Horner Avenue, Toronto, ON M8W 1Z4
1-800-461-0634

www.canscale.com

SAMPLE DATA SHEET

Waste Audit Data Collection Sheet

Client:

Site:

Date:

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|------|---------|------|--------------|------|-----------|------|-----------|------|-------------|------|-----------|------|---------|---------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | 0.00 | |
| Total Weight of Sample (in kg): | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | |
| Total Percent of Sample (in %): | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | | #DIV/0! | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| 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! |
| Fine Papers | | | | | | | | | | | | | | | 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! |
| Compostable Fibres | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Organic Food Waste | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Compostable Dishware | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Other Fiber Drink Cups | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Coffee Cups | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Coffee Pods | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| LDPE Plastic Films | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Styrofoam | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Mixed Plastics | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Lab Plastics | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Lab Glass | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Scrap Metals | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Scrap Woods | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Electronic Wastes | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Bulbs & Ballats | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Batteries | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Printer Toners | | | | | | | | | | | | | | | 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! |
| Latex/Nitrile Gloves | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Single Use Plastics | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Other / 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 Fibres | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Other Recyclables | | | | | | | | | | | | | | | 0.00 | #DIV/0! |
| Non-Recyclables | | | | | | | | | | | | | | | 0.00 | #DIV/0! |

General Comments and Observations:

Appendix B

Waste Audit Data

Waste Audit Report

University of Toronto, St George Campus
 SDK Project P1403

Table B1: Waste Audit Sample Summary

| Site | Building Name | Address | Date | GARBAGE SAMPLE COLLECTED (in kg) | | | | | | | | | | | Notes |
|-------|----------------------------------|--------------------------------|------------|----------------------------------|--------|--------------|-----------|-----------|--------------|-----------|------------|--------------|-------------|--------|-------|
| | | | | Blue | Yellow | Black | Green | Red | White | Unlabeled | | | | TOTAL | |
| | | | | Offices | Labs | Public Areas | Cafeteria | Washrooms | Living Areas | Unlabeled | Classrooms | Common Rooms | Residential | SAMPLE | |
| 1 | Daniels Building | 1 Spadina Cres, Toronto | 16/08/2023 | 3.25 | ---- | 7.16 | 1.90 | 1.91 | ---- | ---- | ---- | ---- | ---- | 14.22 | |
| 2 | South Borden Building | 487 Spadina Cres, Toronto | 16/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 11.97 | ---- | ---- | ---- | 11.97 | |
| 3 | Anthropology | 19 Ursula Franklin St, Toronto | 16/08/2023 | 0.50 | 3.60 | 4.65 | 0.30 | 0.90 | ---- | ---- | ---- | ---- | ---- | 9.95 | |
| 4 | Student Commons | 230 College St, Toronto | 17/08/2023 | ---- | ---- | 6.92 | 2.87 | 4.75 | ---- | ---- | ---- | ---- | ---- | 14.54 | |
| 5 | Fields Institute | 222 College St, Toronto | 17/08/2023 | ---- | ---- | 1.73 | 5.88 | ---- | ---- | ---- | ---- | ---- | ---- | 7.61 | |
| 6 | Ramsay Wright Laboratories | 25 Harbord St, Toronto | 18/08/2023 | ---- | ---- | 2.05 | 3.58 | ---- | ---- | ---- | ---- | ---- | ---- | 5.63 | |
| 7 | Lash Miller Chemical Labs | 80 St George St, Toronto | 18/08/2023 | 4.28 | 1.95 | 14.90 | 0.82 | 5.44 | ---- | ---- | ---- | ---- | ---- | 27.39 | |
| 8 | Sidney Smith Hall | 100 St George St, Toronto | 21/08/2023 | 1.82 | ---- | 11.26 | 11.16 | 2.20 | ---- | 2.68 | ---- | ---- | ---- | 29.12 | |
| 9 | Medical Sciences Building | 1 King's College Cir, Toronto | 21/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 7.94 | ---- | ---- | ---- | 7.94 | |
| 10 | Early Learning Centre | 7 Glen Morris St, Toronto | 21/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 5.06 | ---- | ---- | ---- | 5.06 | |
| 11 | Chestnut Residence | 89 Chestnut St, Toronto | 22/08/2023 | ---- | ---- | ---- | ---- | ---- | 11.06 | ---- | ---- | ---- | ---- | 11.06 | |
| 12 | BCIT | 40 St George St, Toronto | 21/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 16.12 | ---- | ---- | ---- | 16.12 | |
| 13 | Faculty of Dentistry | 124 Edward St, Toronto | 22/08/2023 | 3.73 | ---- | 26.02 | 3.96 | 1.97 | ---- | ---- | ---- | ---- | ---- | 35.68 | |
| 14 | Rehabilitation Sciences Building | 500 University Ave, Toronto | 22/08/2023 | 12.44 | ---- | 11.34 | 1.30 | 2.73 | ---- | ---- | ---- | ---- | ---- | 27.81 | |
| 15 | Financial Services | 215 Huron St, Toronto | 17/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 3.45 | ---- | ---- | ---- | 3.45 | |
| 16 | McLennan Labs/Physics | 60 St George St, Toronto | 18/08/2023 | 1.27 | ---- | 6.91 | ---- | 4.11 | ---- | ---- | ---- | ---- | ---- | 12.29 | |
| 17 | CCBR | 160 College St, Toronto | 21/08/2023 | ---- | ---- | ---- | ---- | ---- | ---- | 4.90 | ---- | ---- | ---- | 4.90 | |
| TOTAL | | | | 27.29 | 5.55 | 92.94 | 31.77 | 24.01 | 11.06 | 52.12 | 0.00 | 0.00 | 0.00 | 244.74 | |

Table B2: GARBAGE Waste Audit Sample Summary

| Audit Location | Audited Building Name | Audit Date | Total Sample kg | Total Sample % |
|----------------|----------------------------------|------------|-----------------|----------------|
| 1 | Daniels Building | 16/08/2023 | 14.22 | 5.8% |
| 2 | South Borden Building | 16/08/2023 | 11.97 | 4.9% |
| 3 | Anthropology | 16/08/2023 | 9.95 | 4.1% |
| 4 | Student Commons | 17/08/2023 | 14.54 | 5.9% |
| 5 | Fields Institute | 17/08/2023 | 7.61 | 3.1% |
| 6 | Ramsay Wright Laboratories | 18/08/2023 | 5.63 | 2.3% |
| 7 | Lash Miller Chemical Labs | 18/08/2023 | 27.39 | 11.2% |
| 8 | Sidney Smith Hall | 21/08/2023 | 29.12 | 11.9% |
| 9 | Medical Sciences Building | 21/08/2023 | 7.94 | 3.2% |
| 10 | Early Learning Centre | 21/08/2023 | 5.06 | 2.1% |
| 11 | Chestnut Residence | 22/08/2023 | 11.06 | 4.5% |
| 12 | BCIT | 21/08/2023 | 16.12 | 6.6% |
| 13 | Faculty of Dentistry | 22/08/2023 | 35.68 | 14.6% |
| 14 | Rehabilitation Sciences Building | 22/08/2023 | 27.81 | 11.4% |
| 15 | Financial Services | 17/08/2023 | 3.45 | 1.4% |
| 16 | McLennan Labs/Physics | 18/08/2023 | 12.29 | 5.0% |
| 17 | CCBR | 21/08/2023 | 4.90 | 2.0% |
| Total Sample: | | TRUE | 244.74 | 100.0% |

TableB3: Overall GARBAGE Composition Summary

| Area of Collection: | Office & Admin | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabelled | | Total | |
|--------------------------------------|----------------|--------|------|--------|--------------|--------|-----------|--------|-----------|--------|-------------|--------|------------|--------|--------|--------|
| Total Weight of Sample (in kg): | 27.29 | | 5.55 | | 92.94 | | 31.77 | | 24.01 | | 11.06 | | 52.12 | | 244.74 | |
| Total Percent of Sample (in %): | 11.2% | | 2.3% | | 38.0% | | 13.0% | | 9.8% | | 4.5% | | 21.3% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.80 | 2.9% | 0.03 | 0.5% | 3.90 | 4.2% | 1.65 | 5.2% | 0.00 | 0.0% | 0.00 | 0.0% | 2.45 | 4.7% | 8.83 | 3.6% |
| HDPE (#2) | 0.00 | 0.0% | 0.00 | 0.0% | 0.35 | 0.4% | 0.00 | 0.0% | 0.00 | 0.0% | 0.20 | 1.8% | 0.49 | 0.9% | 1.04 | 0.4% |
| PP (#5) | 0.65 | 2.4% | 0.05 | 0.9% | 5.13 | 5.5% | 1.09 | 3.4% | 0.20 | 0.8% | 0.00 | 0.0% | 2.20 | 4.2% | 9.32 | 3.8% |
| PS (#6) | 0.84 | 3.1% | 0.00 | 0.0% | 0.70 | 0.8% | 0.24 | 0.8% | 0.20 | 0.8% | 0.00 | 0.0% | 1.04 | 2.0% | 3.02 | 1.2% |
| Glass | 0.60 | 2.2% | 0.00 | 0.0% | 1.25 | 1.3% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.60 | 1.2% | 2.45 | 1.0% |
| Aluminum | 0.29 | 1.1% | 1.70 | 30.6% | 1.80 | 1.9% | 0.70 | 2.2% | 0.10 | 0.4% | 0.00 | 0.0% | 0.75 | 1.4% | 5.34 | 2.2% |
| Steel | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 1.38 | 2.6% | 1.38 | 0.6% |
| Gable Top | 0.50 | 1.8% | 0.00 | 0.0% | 0.05 | 0.1% | 0.15 | 0.5% | 0.00 | 0.0% | 0.00 | 0.0% | 0.20 | 0.4% | 0.90 | 0.4% |
| Aseptic | 0.50 | 1.8% | 0.02 | 0.4% | 0.26 | 0.3% | 0.08 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | 0.35 | 0.7% | 1.21 | 0.5% |
| Fine Papers | 2.34 | 8.6% | 0.10 | 1.8% | 2.02 | 2.2% | 0.98 | 3.1% | 1.01 | 4.2% | 0.00 | 0.0% | 0.75 | 1.4% | 7.20 | 2.9% |
| 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% | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | 5.95 | 21.8% | 0.10 | 1.8% | 3.21 | 3.5% | 2.35 | 7.4% | 0.45 | 1.9% | 0.76 | 6.9% | 3.43 | 6.6% | 16.25 | 6.6% |
| Other Paper Fibres | 0.65 | 2.4% | 0.06 | 1.1% | 2.76 | 3.0% | 1.73 | 5.4% | 0.14 | 0.6% | 0.00 | 0.0% | 0.92 | 1.8% | 6.26 | 2.6% |
| Corrugated Cardboard | 0.00 | 0.0% | 0.00 | 0.0% | 2.05 | 2.2% | 0.06 | 0.2% | 0.00 | 0.0% | 0.00 | 0.0% | 0.20 | 0.4% | 2.31 | 0.9% |
| Compostable Fibres | 3.77 | 13.8% | 0.54 | 9.7% | 14.51 | 15.6% | 6.53 | 20.6% | 20.29 | 84.5% | 0.03 | 0.3% | 10.19 | 19.6% | 55.86 | 22.8% |
| Organic Food Waste | 3.71 | 13.6% | 0.30 | 5.4% | 12.30 | 13.2% | 9.02 | 28.4% | 0.15 | 0.6% | 3.75 | 33.9% | 11.44 | 21.9% | 40.67 | 16.6% |
| Compostable Dishware | 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% |
| Other Fiber Drink Cups | 0.00 | 0.0% | 0.00 | 0.0% | 0.56 | 0.6% | 0.11 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | 0.19 | 0.4% | 0.86 | 0.4% |
| Coffee Cups | 0.75 | 2.7% | 0.04 | 0.7% | 3.88 | 4.2% | 1.14 | 3.6% | 0.33 | 1.4% | 0.00 | 0.0% | 1.46 | 2.8% | 7.60 | 3.1% |
| Coffee Pods | 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% |
| LDPE Plastic Films | 2.35 | 8.6% | 0.65 | 11.7% | 8.91 | 9.6% | 3.16 | 9.9% | 0.56 | 2.3% | 6.22 | 56.2% | 9.27 | 17.8% | 31.12 | 12.7% |
| Styrofoam | 0.27 | 1.0% | 0.02 | 0.4% | 0.33 | 0.4% | 0.05 | 0.2% | 0.00 | 0.0% | 0.00 | 0.0% | 0.10 | 0.2% | 0.77 | 0.3% |
| Mixed 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% |
| 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% |
| 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% |
| Scrap Metals | 0.00 | 0.0% | 0.00 | 0.0% | 0.80 | 0.9% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.10 | 0.2% | 0.90 | 0.4% |
| Scrap Woods | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.05 | 0.2% | 0.00 | 0.0% | 0.00 | 0.0% | 0.05 | 0.0% |
| Electronic Wastes | 1.14 | 4.2% | 0.00 | 0.0% | 0.00 | 0.0% | 0.25 | 0.8% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 1.39 | 0.6% |
| Bulbs & Ballasts | 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% |
| Batteries | 0.00 | 0.0% | 0.00 | 0.0% | 0.02 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.02 | 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% |
| Textiles | 0.00 | 0.0% | 0.00 | 0.0% | 1.76 | 1.9% | 0.00 | 0.0% | 0.10 | 0.4% | 0.00 | 0.0% | 3.32 | 6.4% | 5.18 | 2.1% |
| 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% | 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% |
| 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% | 0.00 | 0.0% | 0.00 | 0.0% |
| Food/Snack Wrappers | 0.35 | 1.3% | 0.00 | 0.0% | 1.80 | 1.9% | 0.01 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 2.16 | 0.9% |
| PPE | 0.22 | 0.8% | 1.77 | 31.9% | 2.37 | 2.6% | 0.32 | 1.0% | 0.08 | 0.3% | 0.10 | 0.9% | 0.64 | 1.2% | 5.50 | 2.2% |
| Latex/Nitrile 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% |
| Single Use 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% |
| Other / Non recyclable | 1.61 | 5.9% | 0.17 | 3.1% | 22.22 | 23.9% | 2.15 | 6.8% | 0.35 | 1.5% | 0.00 | 0.0% | 0.65 | 1.2% | 27.15 | 11.1% |
| QA/QC Check | 27.29 | 100.0% | 5.55 | 100.0% | 92.94 | 100.0% | 31.77 | 100.0% | 24.01 | 100.0% | 11.06 | 100.0% | 52.12 | 100.0% | 244.74 | 100.0% |
| Total Mixed Containers | 4.18 | 15.3% | 1.80 | 32.4% | 13.44 | 14.5% | 3.91 | 12.3% | 0.50 | 2.1% | 0.20 | 1.8% | 9.46 | 18.2% | 33.49 | 13.7% |
| Total Mixed Fibres | 8.94 | 32.8% | 0.26 | 4.7% | 7.99 | 8.6% | 5.06 | 15.9% | 1.60 | 6.7% | 0.76 | 6.9% | 5.10 | 9.8% | 29.71 | 12.1% |

Note: Highlighted cells are those materials present in quantities > 5%.

Table B4: Garbage to Landfill Composition (Ranked)

| Total Weight of waste shipped off-site: | | 1542.31 | | |
|---|---------|---------------------------|----------|------------------------|
| Composition | Percent | Tonnes | Recycle? | Assumed Capture Amount |
| | | | Y/N | MT(1) |
| Compostable Fibres | 22.8% | 352.02 | Yes | 211.2 |
| Organic Food Waste | 16.6% | 256.30 | Yes | 153.8 |
| Total Mixed Containers | 13.7% | 211.05 | Yes | 126.6 |
| LDPE Plastic Films | 12.7% | 196.11 | Yes | 117.7 |
| Total Mixed Fibres | 12.1% | 187.23 | Yes | 112.3 |
| Other / Non recyclable | 11.1% | 171.09 | No | |
| Coffee Cups | 3.1% | 47.89 | Yes | 28.7 |
| PPE | 2.2% | 34.66 | No | |
| Textiles | 2.1% | 32.64 | No | |
| Corrugated Cardboard | 0.9% | 14.56 | Yes | 8.7 |
| Food/Snack Wrappers | 0.9% | 13.61 | No | |
| Electronic Wastes | 0.6% | 8.76 | Yes | 5.3 |
| Scrap Metals | 0.4% | 5.67 | Yes | 3.4 |
| Other Fiber Drink Cups | 0.4% | 5.42 | No | |
| Styrofoam | 0.3% | 4.85 | Yes | 2.9 |
| Scrap Woods | 0.02% | 0.32 | Yes | 0.2 |
| Batteries | 0.01% | 0.13 | Yes | 0.1 |
| Total | | 1542.31 | | |
| Note 1: Assume 60% capture rate | | Recycling/Reuse Potential | | 770.9 |

Note 1: Assume 60% capture rate

Table B7: Mandatory vs Other Recyclable vs Non-Recyclable

| Waste Generating Area | Office & Admin | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabelled | | Total | |
|----------------------------------|----------------|--------|------|--------|--------------|--------|-----------|--------|-----------|--------|-------------|--------|------------|--------|--------|--------|
| O.Reg.103 - Mandatory Recyclable | 3.23 | 11.8% | 1.80 | 32.4% | 7.12 | 7.7% | 1.74 | 5.5% | 1.11 | 4.6% | 0.00 | 0.0% | 3.68 | 7.1% | 18.68 | 7.6% |
| Other Recyclable | 21.88 | 80.2% | 1.81 | 32.6% | 57.11 | 61.4% | 27.44 | 86.4% | 22.37 | 93.2% | 10.96 | 99.1% | 43.64 | 83.7% | 185.21 | 75.7% |
| Non-Recyclable | 2.18 | 8.0% | 1.94 | 35.0% | 28.71 | 30.9% | 2.59 | 8.2% | 0.53 | 2.2% | 0.10 | 0.9% | 4.80 | 9.2% | 40.85 | 16.7% |
| QA/QC Check | 27.29 | 100.0% | 5.55 | 100.0% | 92.94 | 100.0% | 31.77 | 100.0% | 24.01 | 100.0% | 11.06 | 100.0% | 52.12 | 100.0% | 244.74 | 100.0% |
| | TRUE | | TRUE | | TRUE | | TRUE | | TRUE | | TRUE | | TRUE | | TRUE | |

Table B5: Mixed Container Summary

| Material | Garbage Sample | Percent | Disposed | Recycled |
|-------------------|----------------|---------|----------|----------|
| | kg | % | MT | MT |
| PET (#1 Plastic) | 8.83 | 26.4% | 55.66 | 18.24 |
| HDPE (#2 Plastic) | 1.04 | 3.1% | 5.55 | 2.15 |
| PP (#5 Plastic) | 9.32 | 27.8% | 58.73 | 19.26 |
| PS (#6 Plastic) | 3.02 | 9.0% | 19.03 | 6.24 |
| Glass | 2.45 | 7.3% | 15.44 | 5.06 |
| Aluminum | 5.34 | 15.9% | 33.65 | 11.03 |
| Steel | 1.38 | 4.1% | 8.70 | 2.85 |
| Gable Top | 0.90 | 2.7% | 5.67 | 1.86 |
| Aseptic | 1.21 | 3.6% | 7.63 | 2.50 |
| Total | 33.49 | 100.0% | 211.05 | 69.19 |

Table B6: Mixed Paper Summary

| Material | Garbage Sample | Percent | Disposed | Recycled |
|--------------|----------------|---------|----------|----------|
| | kg | % | MT | MT |
| Fine Papers | 7.20 | 24.2% | 45.37 | 36.37 |
| Newsprint | 0.00 | 0.0% | 0.00 | 0.00 |
| Boxboard | 16.25 | 54.7% | 102.40 | 82.09 |
| Other Fibres | 6.26 | 21.1% | 39.45 | 31.62 |
| Total | 29.71 | 100.0% | 187.23 | 150.08 |

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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
|-------------------|------------------|-----------------------|--------------|-----------------|------------------|----------------------------|---------------------------|-------------------|---------------------------|-----------------------|--------------------|------|----------------------|----------------------------------|--------------------|-----------------------|------|---------|--------|
| Material category | Daniels Building | South Borden Building | Anthropology | Student Commons | Fields Institute | Ramsay Wright Laboratories | Lash Miller Chemical Labs | Sidney Smith Hall | Medical Sciences Building | Early Learning Centre | Chestnut Residence | BCIT | Faculty of Dentistry | Rehabilitation Sciences Building | Financial Services | McLennan Labs/Physics | CCBR | Overall | |
| | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | % |
| Total | 3.25 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 4.28 | 1.82 | 0.00 | 0.00 | 0.00 | 0.00 | 3.73 | 12.44 | 0.00 | 1.27 | 0.00 | 27.29 | 100.0% |
| Percentage | 11.9% | 0.0% | 1.8% | 0.0% | 0.0% | 0.0% | 15.7% | 6.7% | 0.0% | 0.0% | 0.0% | 0.0% | 13.7% | 45.6% | 0.0% | 4.7% | 0.0% | 1.00 | TRUE |

[illegible]

Table B10: Public Areas Garbage Summary

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
|-------------------|------------------|-----------------------|--------------|-----------------|------------------|----------------------------|---------------------------|-------------------|---------------------------|-----------------------|--------------------|------|----------------------|----------------------------------|--------------------|-----------------------|------|---------|--------|
| Material category | Daniels Building | South Borden Building | Anthropology | Student Commons | Fields Institute | Ramsay Wright Laboratories | Lash Miller Chemical Labs | Sidney Smith Hall | Medical Sciences Building | Early Learning Centre | Chestnut Residence | BCIT | Faculty of Dentistry | Rehabilitation Sciences Building | Financial Services | McLennan Labs/Physics | CCBR | Overall | |
| | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | | kg | % |
| Total | 7.16 | 0.00 | 4.65 | 6.92 | 1.73 | 2.05 | 14.90 | 11.26 | 0.00 | 0.00 | 0.00 | 0.00 | 26.02 | 11.34 | 0.00 | 6.91 | 0.00 | 92.94 | 100.0% |
| Percentage | 7.7% | 0.0% | 5.0% | 7.4% | 1.9% | 2.2% | 16.0% | 12.1% | 0.0% | 0.0% | 0.0% | 0.0% | 28.0% | 12.2% | 0.0% | 7.4% | 0.0% | 1.00 | TRUE |

Table B11: Cafeteria Garbage Summary

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
|-------------------|------------------|-----------------------|--------------|-----------------|------------------|----------------------------|---------------------------|-------------------|---------------------------|-----------------------|--------------------|------|----------------------|----------------------------------|--------------------|-----------------------|------|---------|--------|
| Material category | Daniels Building | South Borden Building | Anthropology | Student Commons | Fields Institute | Ramsay Wright Laboratories | Lash Miller Chemical Labs | Sidney Smith Hall | Medical Sciences Building | Early Learning Centre | Chestnut Residence | BCIT | Faculty of Dentistry | Rehabilitation Sciences Building | Financial Services | McLennan Labs/Physics | CCBR | Overall | |
| | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | | kg | % |
| Total | 1.90 | 0.00 | 0.30 | 2.87 | 5.88 | 3.58 | 0.82 | 11.16 | 0.00 | 0.00 | 0.00 | 0.00 | 3.96 | 1.30 | 0.00 | 0.00 | 0.00 | 31.77 | 100.0% |
| Percentage | 6.0% | 0.0% | 0.9% | 9.0% | 18.5% | 11.3% | 2.6% | 35.1% | 0.0% | 0.0% | 0.0% | 0.0% | 12.5% | 4.1% | 0.0% | 0.0% | 0.0% | 1.00 | TRUE |

Table B12: Washrooms Garbage Summary

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
|-------------------|------------------|-----------------------|--------------|-----------------|------------------|----------------------------|---------------------------|-------------------|---------------------------|-----------------------|--------------------|------|----------------------|----------------------------------|--------------------|-----------------------|------|---------|--------|
| Material category | Daniels Building | South Borden Building | Anthropology | Student Commons | Fields Institute | Ramsay Wright Laboratories | Lash Miller Chemical Labs | Sidney Smith Hall | Medical Sciences Building | Early Learning Centre | Chestnut Residence | BCIT | Faculty of Dentistry | Rehabilitation Sciences Building | Financial Services | McLennan Labs/Physics | CCBR | Overall | |
| | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | | kg | % |
| Total | 1.91 | 0.00 | 0.90 | 4.75 | 0.00 | 0.00 | 5.44 | 2.20 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 2.73 | 0.00 | 4.11 | 0.00 | 24.01 | 100.0% |
| Percentage | 8.0% | 0.0% | 3.7% | 19.8% | 0.0% | 0.0% | 22.7% | 9.2% | 0.0% | 0.0% | 0.0% | 0.0% | 8.2% | 11.4% | 0.0% | 17.1% | 0.0% | 1.00 | TRUE |

Table B13 : Living Area Garbage Summary

[illegible]

Table B14: Unlabelled Garbage Summary

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
|-------------------|------------------|-----------------------|--------------|-----------------|------------------|----------------------------|---------------------------|-------------------|---------------------------|-----------------------|--------------------|-------|----------------------|----------------------------------|--------------------|-----------------------|------|---------|--------|
| Material category | Daniels Building | South Borden Building | Anthropology | Student Commons | Fields Institute | Ramsay Wright Laboratories | Lash Miller Chemical Labs | Sidney Smith Hall | Medical Sciences Building | Early Learning Centre | Chestnut Residence | BCIT | Faculty of Dentistry | Rehabilitation Sciences Building | Financial Services | McLennan Labs/Physics | CCBR | Overall | |
| | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | kg | | kg | % |
| Total | | 11.97 | | | | | | 2.68 | 7.94 | 5.06 | | 16.12 | | | 3.45 | | 4.90 | 52.12 | 100.0% |
| Percentage | 0.0% | 23.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 5.1% | 15.2% | 9.7% | 0.0% | 30.9% | 0.0% | 0.0% | 6.6% | 0.0% | 9.4% | 1.00 | TRUE |

Waste Audit Report

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Table B15: Annual Waste Management & Recycling Quantities

| Waste Material | Recycled/ Reused, Disposed | Annual Quantities '22 - Mar '23 | | | Apr |
|--|----------------------------------|------------------------------------|----------------|--------------|-----|
| | | kg | MT | % | |
| Waste/Garbage | Disposed | | 1542.31 | 100.0% | |
| Sub-Total | | | 1542.31 | | |
| Mixed Papers | Recycled | | 150.08 | 5.4% | |
| Paper Towels | Recycled | | | 0.0% | |
| Miscellaneous Paper | Recycled | | | 0.0% | |
| Cardboard | Recycled | | 371.18 | 13.4% | |
| Confidential Papers | Recycled | | 60.00 | 2.2% | |
| Scrap Wood | Recycled | | 168.00 | 6.1% | |
| Scrap Metals | Recycled | | 61.28 | 2.2% | |
| Asphalt | Recycled | | | 0.0% | |
| Stone, Pavers & Screening | Recycled | | | 0.0% | |
| Soil from Construction Projects | Recycled | | | 0.0% | |
| Concrete from Construction | Recycled | | | 0.0% | |
| Clean Fill | Recycled | | | 0.0% | |
| Batteries | Recycled | | | 0.0% | |
| Fluorescent Bulbs | Recycled | | | 0.0% | |
| Polystyrene | Recycled | | | 0.0% | |
| Aero. Misc. Pick Ups | Recycled | | | 0.0% | |
| 89 Chestnut Mixed Containers | Recycled | | | 0.0% | |
| M. Hall Mixed Containers | Recycled | | | 0.0% | |
| Mixed Containers | Recycled | | 69.19 | 2.5% | |
| Coffee Cups | Recycled | | | 0.0% | |
| Amber Bottles | Recycled | | 4.36 | 0.2% | |
| Electronic Wastes/Bulbs | Recycled | | 54.00 | 1.9% | |
| Electronic Wastes (Other Depts) | Recycled | | 80.00 | 2.9% | |
| Mixed Plastics | Recycled | | | 0.0% | |
| Misc: tires, mattresses, rocks etc. | Recycled | | | 0.0% | |
| Lab Glass | Recycled | | 4.11 | 0.1% | |
| Lab Glass & Plastic | Recycled | | | 0.0% | |
| Emerald Loads | Other | | 207.84 | 7.5% | |
| Yard Wastes | Composted | | 68.38 | 2.5% | |
| Animal Bedding | Composted | | 85.43 | 3.1% | |
| Soil & Plant P/U | Composted | | | 0.0% | |
| Plant & Tree Use, Composting | Composted | | | 0.0% | |
| Grass & Wood Mulch | Composted | | | 0.0% | |
| Catch Basin Material | Composted | | | 0.0% | |
| Organics | Composted | | 808.56 | 29.2% | |
| 89 Chestnut Organics | Composted | | | 0.0% | |
| Swap Shop - Out, Including Pad | Reused | | | 0.0% | |
| In-Swap | Reused | | | 0.0% | |
| Campus Furniture Projects | Reused | | | 0.0% | |
| Wood Pallets | Reused | | | 0.0% | |
| LCBO/Beer Store Returns | Reused | | | 0.0% | |
| Construction Materials/Soil/Stones | Reused | | 450.00 | 16.2% | |
| Material Reused | Reused | | 30.00 | 1.1% | |
| Reduction via Various Programs | Reduced | | 100.00 | 3.6% | |
| Sub-Total | | | 2772.41 | | |
| | | | | | |
| | | | | | |
| Total Generated | | | 4314.72 | 100.0% | |
| Total Recycled | | | 1022.20 | 23.7% | |
| Total Reused | | | 480.00 | 11.1% | |
| Total Reduced | | | 100.00 | 2.3% | |
| Total Composted | | | 962.37 | 22.3% | |
| Total Diverted - Other | | | 207.84 | 4.8% | |
| Total Disposed | | | 1542.31 | 35.7% | |
| | | | | | |
| Achieved Waste Diversion Rate | | | | 64.3% | |
| <i>Additioanl Recyclable Materials in Wastes Disposed to Landfill (MT)</i> | | | | 770.93 | |
| Potential Waste Diversion Rate | | | | 77.3% | |

Notes:

Detailed records of annual weights provided by UofT. Most recent complete data available.

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Daniels Building 1 Spadina Cres, Toronto
 Date: 16/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabelled | | Total | |
|--------------------------------------|---------|--------|--------|---|--------------|--------|-----------|--------|-----------|--------|-------------|---|------------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | | | | |
| Total Weight of Sample (in kg): | 3.25 | | | | 7.16 | | 1.90 | | 1.91 | | | | | | 14.22 | |
| Total Percent of Sample (in %): | 22.9% | | 0.0% | | 50.4% | | 13.4% | | 13.4% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.10 | 3.1% | | | 0.10 | 1.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.20 | 1.4% |
| HDPE (#2) | 0.00 | 0.0% | | | 0.02 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.02 | 0.1% |
| PP (#5) | 0.00 | 0.0% | | | 0.55 | 7.7% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.55 | 3.9% |
| PS (#6) | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Glass | 0.35 | 10.8% | | | 0.50 | 7.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.85 | 6.0% |
| Aluminum | 0.05 | 1.5% | | | 0.20 | 2.8% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.25 | 1.8% |
| Steel | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Gable Top | 0.15 | 4.6% | | | 0.05 | 0.7% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.20 | 1.4% |
| Aseptic | 0.05 | 1.5% | | | 0.16 | 2.2% | 0.05 | 2.6% | 0.00 | 0.0% | | | | | 0.26 | 1.8% |
| Fine Papers | 1.50 | 46.2% | | | 0.11 | 1.5% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.61 | 11.3% |
| Newsprint | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Boxboard | 0.30 | 9.2% | | | 0.31 | 4.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.61 | 4.3% |
| Other Paper Fibres | 0.00 | 0.0% | | | 0.45 | 6.3% | 0.00 | 0.0% | 0.05 | 2.6% | | | | | 0.50 | 3.5% |
| Corrugated Cardboard | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.01 | 0.5% | 0.00 | 0.0% | | | | | 0.01 | 0.1% |
| Compostable Fibres | 0.10 | 3.1% | | | 0.55 | 7.7% | 0.01 | 0.5% | 1.70 | 89.0% | | | | | 2.36 | 16.6% |
| Organic Food Waste | 0.00 | 0.0% | | | 0.40 | 5.6% | 1.80 | 94.7% | 0.00 | 0.0% | | | | | 2.20 | 15.5% |
| Compostable Dishware | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Coffee Cups | 0.10 | 3.1% | | | 0.30 | 4.2% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.40 | 2.8% |
| Coffee Pods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.20 | 6.2% | | | 1.05 | 14.7% | 0.02 | 1.1% | 0.01 | 0.5% | | | | | 1.28 | 9.0% |
| Styrofoam | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Mixed 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 Glass | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Metals | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | 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% | | | 0.02 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.02 | 0.1% |
| Printer Toners | 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% | | | 0.41 | 5.7% | 0.00 | 0.0% | 0.10 | 5.2% | | | | | 0.51 | 3.6% |
| 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 | 0.35 | 10.8% | | | 1.80 | 25.1% | 0.01 | 0.5% | 0.00 | 0.0% | | | | | 2.16 | 15.2% |
| PPE | 0.00 | 0.0% | | | 0.15 | 2.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.15 | 1.1% |
| Latex/Nitrile 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% |
| Other / Non recyclable | 0.00 | 0.0% | | | 0.03 | 0.4% | 0.00 | 0.0% | 0.05 | 2.6% | | | | | 0.08 | 0.6% |
| Total QAQC Check | 3.25 | 100.0% | | | 7.16 | 100.0% | 1.90 | 100.0% | 1.91 | 100.0% | | | | | 14.22 | 100.0% |
| Total Mixed Containers | 0.70 | 21.5% | | | 1.58 | 22.1% | 0.05 | 2.6% | 0.00 | 0.0% | | | | | 2.33 | 16.4% |
| Total Mixed Fibres | 1.80 | 55.4% | | | 0.87 | 12.2% | 0.00 | 0.0% | 0.05 | 2.6% | | | | | 2.72 | 19.1% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 1.90 | 58.5% | | | 0.81 | 11.3% | 0.01 | 0.5% | 0.00 | 0.0% | | | | | 2.72 | 19.1% |
| Other Recyclables | 1.35 | 41.5% | | | 6.32 | 88.3% | 1.89 | 99.5% | 1.86 | 97.4% | | | | | 11.42 | 80.3% |
| Non-Recyclables | 0.00 | 0.0% | | | 0.03 | 0.4% | 0.00 | 0.0% | 0.05 | 2.6% | | | | | 0.08 | 0.6% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: South Borden Building 487 Spadina Cres, Toronto
 Date: 16/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 11.97 | | 11.97 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.45 | 3.8% | 0.45 | 3.8% |
| HDPE (#2) | | | | | | | | | | | | | 0.27 | 2.3% | 0.27 | 2.3% |
| PP (#5) | | | | | | | | | | | | | 0.90 | 7.5% | 0.90 | 7.5% |
| PS (#6) | | | | | | | | | | | | | 0.20 | 1.7% | 0.20 | 1.7% |
| Glass | | | | | | | | | | | | | 0.25 | 2.1% | 0.25 | 2.1% |
| Aluminum | | | | | | | | | | | | | 0.15 | 1.3% | 0.15 | 1.3% |
| Steel | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Gable Top | | | | | | | | | | | | | 0.20 | 1.7% | 0.20 | 1.7% |
| Aseptic | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Fine Papers | | | | | | | | | | | | | 0.10 | 0.8% | 0.10 | 0.8% |
| Newsprint | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | | | 0.35 | 2.9% | 0.35 | 2.9% |
| Other Paper Fibres | | | | | | | | | | | | | 0.35 | 2.9% | 0.35 | 2.9% |
| Corrugated Cardboard | | | | | | | | | | | | | 0.20 | 1.7% | 0.20 | 1.7% |
| Compostable Fibres | | | | | | | | | | | | | 1.08 | 9.0% | 1.08 | 9.0% |
| Organic Food Waste | | | | | | | | | | | | | 3.09 | 25.8% | 3.09 | 25.8% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.01 | 0.1% | 0.01 | 0.1% |
| Coffee Cups | | | | | | | | | | | | | 0.50 | 4.2% | 0.50 | 4.2% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 0.50 | 4.2% | 0.50 | 4.2% |
| Styrofoam | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| Textiles | | | | | | | | | | | | | 3.02 | 25.2% | 3.02 | 25.2% |
| 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 | | | | | | | | | | | | | 0.10 | 0.8% | 0.10 | 0.8% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.25 | 2.1% | 0.25 | 2.1% |
| Total QAQC Check | | | | | | | | | | | | | 11.97 | 100.0% | 11.97 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 2.42 | 20.2% | 2.42 | 20.2% |
| Total Mixed Fibres | | | | | | | | | | | | | 0.80 | 6.7% | 0.80 | 6.7% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.70 | 5.8% | 0.70 | 5.8% |
| Other Recyclables | | | | | | | | | | | | | 11.02 | 92.1% | 11.02 | 92.1% |
| Non-Recyclables | | | | | | | | | | | | | 0.25 | 2.1% | 0.25 | 2.1% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus

Site: Anthropology 19 Ursula Franklin St, Toronto

Date: 16/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|--------|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 0.50 | | 3.60 | | 4.65 | | 0.30 | | 0.90 | | | | 0.0% | | 9.95 | |
| Total Percent of Sample (in %): | 5.0% | | 36.2% | | 46.7% | | 3.0% | | 9.0% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.05 | 10.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.05 | 0.5% |
| HDPE (#2) | 0.00 | 0.0% | 0.00 | 0.0% | 0.03 | 0.6% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.03 | 0.3% |
| PP (#5) | 0.05 | 10.0% | 0.00 | 0.0% | 0.40 | 8.6% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.45 | 4.5% |
| PS (#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% |
| 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% |
| Aluminum | 0.00 | 0.0% | 1.50 | 41.7% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.50 | 15.1% |
| Steel | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 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% | 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% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Fine Papers | 0.05 | 10.0% | 0.10 | 2.8% | 0.10 | 2.2% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.25 | 2.5% |
| 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 | 0.05 | 10.0% | 0.00 | 0.0% | 0.02 | 0.4% | 0.02 | 6.7% | 0.00 | 0.0% | | | | | 0.09 | 0.9% |
| Other Paper Fibres | 0.05 | 10.0% | 0.00 | 0.0% | 0.05 | 1.1% | 0.03 | 10.0% | 0.00 | 0.0% | | | | | 0.13 | 1.3% |
| Corrugated Cardboard | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Compostable Fibres | 0.04 | 8.0% | 0.00 | 0.0% | 0.40 | 8.6% | 0.05 | 16.7% | 0.90 | 100.0% | | | | | 1.39 | 14.0% |
| Organic Food Waste | 0.01 | 2.0% | 0.20 | 5.6% | 0.65 | 14.0% | 0.15 | 50.0% | 0.00 | 0.0% | | | | | 1.01 | 10.2% |
| Compostable Dishware | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Coffee Cups | 0.00 | 0.0% | 0.00 | 0.0% | 0.02 | 0.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.02 | 0.2% |
| Coffee Pods | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.13 | 26.0% | 0.60 | 16.7% | 0.23 | 4.9% | 0.05 | 16.7% | 0.00 | 0.0% | | | | | 1.01 | 10.2% |
| Styrofoam | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Mixed 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 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% |
| Scrap Metals | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 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 & Ballasts | 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 | 0.00 | 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% |
| Textiles | 0.00 | 0.0% | 0.00 | 0.0% | 0.20 | 4.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.20 | 2.0% |
| 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 | 0.00 | 0.0% | 1.20 | 33.3% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.20 | 12.1% |
| Latex/Nitrile 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% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other / Non recyclable | 0.07 | 14.0% | 0.00 | 0.0% | 2.55 | 54.8% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.62 | 26.3% |
| Total QAQC Check | 0.50 | 100.0% | 3.60 | 100.0% | 4.65 | 100.0% | 0.30 | 100.0% | 0.90 | 100.0% | | | | | 9.95 | 100.0% |
| Total Mixed Containers | 0.10 | 20.0% | 1.50 | 41.7% | 0.43 | 9.2% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.03 | 20.4% |
| Total Mixed Fibres | 0.15 | 30.0% | 0.10 | 2.8% | 0.17 | 3.7% | 0.05 | 16.7% | 0.00 | 0.0% | | | | | 0.47 | 4.7% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.05 | 10.0% | 1.60 | 44.4% | 0.10 | 2.2% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.75 | 17.6% |
| Other Recyclables | 0.38 | 76.0% | 2.00 | 55.6% | 2.00 | 43.0% | 0.30 | 100.0% | 0.90 | 100.0% | | | | | 5.58 | 56.1% |
| Non-Recyclables | 0.07 | 14.0% | 0.00 | 0.0% | 2.55 | 54.8% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.62 | 26.3% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
Site: Student Commons 230 College St, Toronto
Date: 17/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | 6.92 | | 2.87 | | 4.75 | | | | | | 14.54 | |
| Total Percent of Sample (in %): | 0.0% | | 0.0% | | 47.6% | | 19.7% | | 32.7% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | | | | | 0.25 | 3.6% | 0.05 | 1.7% | 0.00 | 0.0% | | | | | 0.30 | 2.1% |
| HDPE (#2) | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| PP (#5) | | | | | 0.35 | 5.1% | 0.00 | 0.0% | 0.20 | 4.2% | | | | | 0.55 | 3.8% |
| PS (#6) | | | | | 0.10 | 1.4% | 0.00 | 0.0% | 0.20 | 4.2% | | | | | 0.30 | 2.1% |
| Glass | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Aluminum | | | | | 0.10 | 1.4% | 0.00 | 0.0% | 0.10 | 2.1% | | | | | 0.20 | 1.4% |
| Steel | | | | | 0.00 | 0.0% | 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% | | | | | 0.00 | 0.0% |
| Aseptic | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Fine Papers | | | | | 0.05 | 0.7% | 0.00 | 0.0% | 0.70 | 14.7% | | | | | 0.75 | 5.2% |
| Newsprint | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Boxboard | | | | | 0.50 | 7.2% | 0.00 | 0.0% | 0.45 | 9.5% | | | | | 0.95 | 6.5% |
| Other Paper Fibres | | | | | 0.20 | 2.9% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.20 | 1.4% |
| Corrugated Cardboard | | | | | 2.05 | 29.6% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.05 | 14.1% |
| Compostable Fibres | | | | | 0.70 | 10.1% | 0.00 | 0.0% | 1.85 | 38.9% | | | | | 2.55 | 17.5% |
| Organic Food Waste | | | | | 1.25 | 18.1% | 2.80 | 97.6% | 0.15 | 3.2% | | | | | 4.20 | 28.9% |
| Compostable Dishware | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | 0.02 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.02 | 0.1% |
| Coffee Cups | | | | | 0.15 | 2.2% | 0.02 | 0.7% | 0.30 | 6.3% | | | | | 0.47 | 3.2% |
| Coffee Pods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | 1.10 | 15.9% | 0.00 | 0.0% | 0.40 | 8.4% | | | | | 1.50 | 10.3% |
| Styrofoam | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Mixed Plastics | | | | | 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% |
| Lab Glass | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Metals | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.05 | 1.1% | | | | | 0.05 | 0.3% |
| Electronic Wastes | | | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | 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% |
| 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 | | | | | 0.05 | 0.7% | 0.00 | 0.0% | 0.05 | 1.1% | | | | | 0.10 | 0.7% |
| Latex/Nitrile Gloves | | | | | 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% |
| Other / Non recyclable | | | | | 0.05 | 0.7% | 0.00 | 0.0% | 0.30 | 6.3% | | | | | 0.35 | 2.4% |
| Total QAQC Check | | | | | 6.92 | 100.0% | 2.87 | 100.0% | 4.75 | 100.0% | | | | | 14.54 | 100.0% |
| Total Mixed Containers | | | | | 0.80 | 11.6% | 0.05 | 1.7% | 0.50 | 10.5% | | | | | 1.35 | 9.3% |
| Total Mixed Fibres | | | | | 0.75 | 10.8% | 0.00 | 0.0% | 1.15 | 24.2% | | | | | 1.90 | 13.1% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | 2.20 | 31.8% | 0.00 | 0.0% | 0.80 | 16.8% | | | | | 3.00 | 20.6% |
| Other Recyclables | | | | | 4.67 | 67.5% | 2.87 | 100.0% | 3.65 | 76.8% | | | | | 11.19 | 77.0% |
| Non-Recyclables | | | | | 0.05 | 0.7% | 0.00 | 0.0% | 0.30 | 6.3% | | | | | 0.35 | 2.4% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Fields Institute 222 College St, Toronto
 Date: 17/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|--------|-----------|--------|-----------|---|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | 1.73 | | 5.88 | | | | | | | | 7.61 | |
| Total Percent of Sample (in %): | 0.0% | | 0.0% | | 22.7% | | 77.3% | | 0.0% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | | | | | 0.00 | 0.0% | 0.55 | 9.4% | | | | | | | 0.55 | 7.2% |
| HDPE (#2) | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| PP (#5) | | | | | 0.05 | 2.9% | 0.40 | 6.8% | | | | | | | 0.45 | 5.9% |
| PS (#6) | | | | | 0.00 | 0.0% | 0.01 | 0.2% | | | | | | | 0.01 | 0.1% |
| Glass | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Aluminum | | | | | 0.00 | 0.0% | 0.30 | 5.1% | | | | | | | 0.30 | 3.9% |
| 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% | 0.01 | 0.2% | | | | | | | 0.01 | 0.1% |
| Fine Papers | | | | | 0.10 | 5.8% | 0.20 | 3.4% | | | | | | | 0.30 | 3.9% |
| Newsprint | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Boxboard | | | | | 0.43 | 24.9% | 0.30 | 5.1% | | | | | | | 0.73 | 9.6% |
| Other Paper Fibres | | | | | 0.00 | 0.0% | 0.40 | 6.8% | | | | | | | 0.40 | 5.3% |
| Corrugated Cardboard | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Compostable Fibres | | | | | 0.43 | 24.9% | 1.25 | 21.3% | | | | | | | 1.68 | 22.1% |
| Organic Food Waste | | | | | 0.40 | 23.1% | 1.02 | 17.3% | | | | | | | 1.42 | 18.7% |
| Compostable Dishware | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | 0.00 | 0.0% | 0.08 | 1.4% | | | | | | | 0.08 | 1.1% |
| Coffee Cups | | | | | 0.20 | 11.6% | 0.35 | 6.0% | | | | | | | 0.55 | 7.2% |
| Coffee Pods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | 0.10 | 5.8% | 0.91 | 15.5% | | | | | | | 1.01 | 13.3% |
| Styrofoam | | | | | 0.00 | 0.0% | 0.05 | 0.9% | | | | | | | 0.05 | 0.7% |
| Mixed 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% |
| Scrap Metals | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Scrap Woods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Electronic Wastes | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | 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% |
| 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% |
| Latex/Nitrile 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% |
| Other / Non recyclable | | | | | 0.02 | 1.2% | 0.05 | 0.9% | | | | | | | 0.07 | 0.9% |
| Total QAQC Check | | | | | 1.73 | 100.0% | 5.88 | 100.0% | | | | | | | 7.61 | 100.0% |
| Total Mixed Containers | | | | | 0.05 | 2.9% | 1.27 | 21.6% | | | | | | | 1.32 | 17.3% |
| Total Mixed Fibres | | | | | 0.53 | 30.6% | 0.90 | 15.3% | | | | | | | 1.43 | 18.8% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | 0.10 | 5.8% | 0.50 | 8.5% | | | | | | | 0.60 | 7.9% |
| Other Recyclables | | | | | 1.61 | 93.1% | 5.33 | 90.6% | | | | | | | 6.94 | 91.2% |
| Non-Recyclables | | | | | 0.02 | 1.2% | 0.05 | 0.9% | | | | | | | 0.07 | 0.9% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
Site: Ramsay Wright Laboratories 25 Harbord St, Toronto
Date: 18/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|--------|-----------|--------|-----------|---|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | 2.05 | | 3.58 | | | | | | | | 5.63 | |
| Total Percent of Sample (in %): | 0.0% | | 0.0% | | 36.4% | | 63.6% | | 0.0% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | | | | | 0.10 | 4.9% | 0.30 | 8.4% | | | | | | | 0.40 | 7.1% |
| HDPE (#2) | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| PP (#5) | | | | | 0.60 | 29.3% | 0.10 | 2.8% | | | | | | | 0.70 | 12.4% |
| PS (#6) | | | | | 0.00 | 0.0% | 0.10 | 2.8% | | | | | | | 0.10 | 1.8% |
| Glass | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Aluminum | | | | | 0.00 | 0.0% | 0.15 | 4.2% | | | | | | | 0.15 | 2.7% |
| 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% |
| Fine Papers | | | | | 0.00 | 0.0% | 0.55 | 15.4% | | | | | | | 0.55 | 9.8% |
| Newsprint | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Boxboard | | | | | 0.10 | 4.9% | 0.53 | 14.8% | | | | | | | 0.63 | 11.2% |
| Other Paper Fibres | | | | | 0.50 | 24.4% | 0.60 | 16.8% | | | | | | | 1.10 | 19.5% |
| Corrugated Cardboard | | | | | 0.00 | 0.0% | 0.05 | 1.4% | | | | | | | 0.05 | 0.9% |
| Compostable Fibres | | | | | 0.45 | 22.0% | 0.70 | 19.6% | | | | | | | 1.15 | 20.4% |
| Organic Food Waste | | | | | 0.00 | 0.0% | 0.20 | 5.6% | | | | | | | 0.20 | 3.6% |
| Compostable Dishware | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | 0.00 | 0.0% | 0.03 | 0.8% | | | | | | | 0.03 | 0.5% |
| Coffee Cups | | | | | 0.00 | 0.0% | 0.10 | 2.8% | | | | | | | 0.10 | 1.8% |
| Coffee Pods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | 0.20 | 9.8% | 0.05 | 1.4% | | | | | | | 0.25 | 4.4% |
| Styrofoam | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Scrap Woods | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Electronic Wastes | | | | | 0.00 | 0.0% | 0.00 | 0.0% | | | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | 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% |
| 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% | 0.02 | 0.6% | | | | | | | 0.02 | 0.4% |
| Latex/Nitrile 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% |
| Other / Non recyclable | | | | | 0.10 | 4.9% | 0.10 | 2.8% | | | | | | | 0.20 | 3.6% |
| Total QAQC Check | | | | | 2.05 | 100.0% | 3.58 | 100.0% | | | | | | | 5.63 | 100.0% |
| Total Mixed Containers | | | | | 0.70 | 34.1% | 0.65 | 18.2% | | | | | | | 1.35 | 24.0% |
| Total Mixed Fibres | | | | | 0.60 | 29.3% | 1.68 | 46.9% | | | | | | | 2.28 | 40.5% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | 0.00 | 0.0% | 0.75 | 20.9% | | | | | | | 0.75 | 13.3% |
| Other Recyclables | | | | | 1.95 | 95.1% | 2.73 | 76.3% | | | | | | | 4.68 | 83.1% |
| Non-Recyclables | | | | | 0.10 | 4.9% | 0.10 | 2.8% | | | | | | | 0.20 | 3.6% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
Site: Lash Miller Chemical Labs 80 St George St, Toronto
Date: 18/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|--------|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 4.28 | | 1.95 | | 14.90 | | 0.82 | | 5.44 | | | | | | 27.39 | |
| Total Percent of Sample (in %): | 15.6% | | 7.1% | | 54.4% | | 3.0% | | 19.9% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.00 | 0.0% | 0.03 | 1.5% | 1.45 | 9.7% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.48 | 5.4% |
| HDPE (#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% |
| PP (#5) | 0.00 | 0.0% | 0.05 | 2.6% | 1.40 | 9.4% | 0.03 | 3.7% | 0.00 | 0.0% | | | | | 1.48 | 5.4% |
| PS (#6) | 0.03 | 0.7% | 0.00 | 0.0% | 0.20 | 1.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.23 | 0.8% |
| 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% |
| Aluminum | 0.03 | 0.7% | 0.20 | 10.3% | 0.65 | 4.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.88 | 3.2% |
| Steel | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 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% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Aseptic | 0.00 | 0.0% | 0.02 | 1.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.02 | 0.1% |
| Fine Papers | 0.04 | 0.9% | 0.00 | 0.0% | 0.41 | 2.8% | 0.10 | 12.2% | 0.04 | 0.7% | | | | | 0.59 | 2.2% |
| 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 | 0.10 | 2.3% | 0.10 | 5.1% | 0.05 | 0.3% | 0.05 | 6.1% | 0.00 | 0.0% | | | | | 0.30 | 1.1% |
| Other Paper Fibres | 0.04 | 0.9% | 0.06 | 3.1% | 0.10 | 0.7% | 0.20 | 24.4% | 0.00 | 0.0% | | | | | 0.40 | 1.5% |
| Corrugated Cardboard | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Compostable Fibres | 0.96 | 22.4% | 0.54 | 27.7% | 2.75 | 18.5% | 0.02 | 2.4% | 5.37 | 98.7% | | | | | 9.64 | 35.2% |
| Organic Food Waste | 0.50 | 11.7% | 0.10 | 5.1% | 1.90 | 12.8% | 0.10 | 12.2% | 0.00 | 0.0% | | | | | 2.60 | 9.5% |
| Compostable Dishware | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | 0.00 | 0.0% | 0.11 | 0.7% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.11 | 0.4% |
| Coffee Cups | 0.00 | 0.0% | 0.04 | 2.1% | 0.36 | 2.4% | 0.02 | 2.4% | 0.03 | 0.6% | | | | | 0.45 | 1.6% |
| Coffee Pods | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.37 | 8.6% | 0.05 | 2.6% | 1.75 | 11.7% | 0.30 | 36.6% | 0.00 | 0.0% | | | | | 2.47 | 9.0% |
| Styrofoam | 0.15 | 3.5% | 0.02 | 1.0% | 0.20 | 1.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.37 | 1.4% |
| Mixed 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 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% |
| Scrap Metals | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 1.14 | 26.6% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.14 | 4.2% |
| Bulbs & Ballasts | 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 | 0.00 | 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% |
| Textiles | 0.00 | 0.0% | 0.00 | 0.0% | 0.05 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.05 | 0.2% |
| 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 | 0.10 | 2.3% | 0.57 | 29.2% | 0.22 | 1.5% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.89 | 3.2% |
| Latex/Nitrile 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% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other / Non recyclable | 0.82 | 19.2% | 0.17 | 8.7% | 3.30 | 22.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 4.29 | 15.7% |
| Total QAQC Check | 4.28 | 100.0% | 1.95 | 100.0% | 14.90 | 100.0% | 0.82 | 100.0% | 5.44 | 100.0% | | | | | 27.39 | 100.0% |
| Total Mixed Containers | 0.06 | 1.4% | 0.30 | 15.4% | 3.70 | 24.8% | 0.03 | 3.7% | 0.00 | 0.0% | | | | | 4.09 | 14.9% |
| Total Mixed Fibres | 0.18 | 4.2% | 0.16 | 8.2% | 0.56 | 3.8% | 0.35 | 42.7% | 0.04 | 0.7% | | | | | 1.29 | 4.7% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.07 | 1.6% | 0.20 | 10.3% | 1.06 | 7.1% | 0.10 | 12.2% | 0.04 | 0.7% | | | | | 1.47 | 5.4% |
| Other Recyclables | 3.39 | 79.2% | 1.58 | 81.0% | 10.54 | 70.7% | 0.72 | 87.8% | 5.40 | 99.3% | | | | | 21.63 | 79.0% |
| Non-Recyclables | 0.82 | 19.2% | 0.17 | 8.7% | 3.30 | 22.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 4.29 | 15.7% |

General Comments and Observations:

Waste Audit Data Collection Sheet
Client: University of Toronto, St. George Campus

Site: Sidney Smith Hall 100 St George St, Toronto

Date: 21/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|---|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 1.82 | | | | 11.26 | | 11.16 | | 2.20 | | | | 2.68 | | 29.12 | |
| Total Percent of Sample (in %): | 6.3% | | 0.0% | | 38.7% | | 38.3% | | 7.6% | | 0.0% | | 9.2% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.10 | 5.5% | | | 0.80 | 7.1% | 0.50 | 4.5% | 0.00 | 0.0% | | | 0.00 | 0.0% | 1.40 | 4.8% |
| HDPE (#2) | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.02 | 0.7% | 0.02 | 0.1% |
| PP (#5) | 0.15 | 8.2% | | | 0.25 | 2.2% | 0.36 | 3.2% | 0.00 | 0.0% | | | 0.35 | 13.1% | 1.11 | 3.8% |
| PS (#6) | 0.04 | 2.2% | | | 0.10 | 0.9% | 0.10 | 0.9% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.24 | 0.8% |
| Glass | 0.00 | 0.0% | | | 0.25 | 2.2% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.25 | 0.9% |
| Aluminum | 0.08 | 4.4% | | | 0.30 | 2.7% | 0.15 | 1.3% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.53 | 1.8% |
| Steel | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 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% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aseptic | 0.00 | 0.0% | | | 0.05 | 0.4% | 0.02 | 0.2% | 0.00 | 0.0% | | | 0.11 | 4.1% | 0.18 | 0.6% |
| Fine Papers | 0.10 | 5.5% | | | 0.20 | 1.8% | 0.03 | 0.3% | 0.00 | 0.0% | | | 0.04 | 1.5% | 0.37 | 1.3% |
| 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 | 0.10 | 5.5% | | | 0.80 | 7.1% | 1.20 | 10.8% | 0.00 | 0.0% | | | 0.50 | 18.7% | 2.60 | 8.9% |
| Other Paper Fibres | 0.06 | 3.3% | | | 0.51 | 4.5% | 0.25 | 2.2% | 0.00 | 0.0% | | | 0.25 | 9.3% | 1.07 | 3.7% |
| Corrugated Cardboard | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Fibres | 0.52 | 28.6% | | | 3.00 | 26.6% | 2.90 | 26.0% | 2.15 | 97.7% | | | 0.50 | 18.7% | 9.07 | 31.1% |
| Organic Food Waste | 0.05 | 2.7% | | | 2.95 | 26.2% | 1.60 | 14.3% | 0.00 | 0.0% | | | 0.62 | 23.1% | 5.22 | 17.9% |
| Compostable Dishware | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Coffee Cups | 0.05 | 2.7% | | | 0.50 | 4.4% | 0.50 | 4.5% | 0.00 | 0.0% | | | 0.02 | 0.7% | 1.07 | 3.7% |
| Coffee Pods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | 0.20 | 11.0% | | | 1.20 | 10.7% | 1.10 | 9.9% | 0.05 | 2.3% | | | 0.20 | 7.5% | 2.75 | 9.4% |
| Styrofoam | 0.02 | 1.1% | | | 0.05 | 0.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.07 | 0.2% |
| Mixed 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 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% |
| Scrap Metals | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.25 | 2.2% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.25 | 0.9% |
| Bulbs & Ballasts | 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 | 0.00 | 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% |
| Textiles | 0.00 | 0.0% | | | 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% | 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 | 0.00 | 0.0% | | | 0.10 | 0.9% | 0.30 | 2.7% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.40 | 1.4% |
| Latex/Nitrile 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% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | 0.35 | 19.2% | | | 0.20 | 1.8% | 1.90 | 17.0% | 0.00 | 0.0% | | | 0.07 | 2.6% | 2.52 | 8.7% |
| Total QAQC Check | 1.82 | 100.0% | | | 11.26 | 100.0% | 11.16 | 100.0% | 2.20 | 100.0% | | | 2.68 | 100.0% | 29.12 | 100.0% |
| Total Mixed Containers | 0.37 | 20.3% | | | 1.75 | 15.5% | 1.13 | 10.1% | 0.00 | 0.0% | | | 0.48 | 17.9% | 3.73 | 12.8% |
| Total Mixed Fibres | 0.26 | 14.3% | | | 1.51 | 13.4% | 1.48 | 13.3% | 0.00 | 0.0% | | | 0.79 | 29.5% | 4.04 | 13.9% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.18 | 9.9% | | | 0.75 | 6.7% | 0.18 | 1.6% | 0.00 | 0.0% | | | 0.04 | 1.5% | 1.15 | 3.9% |
| Other Recyclables | 1.29 | 70.9% | | | 10.31 | 91.6% | 9.08 | 81.4% | 2.20 | 100.0% | | | 2.57 | 95.9% | 25.45 | 87.4% |
| Non-Recyclables | 0.35 | 19.2% | | | 0.20 | 1.8% | 1.90 | 17.0% | 0.00 | 0.0% | | | 0.07 | 2.6% | 2.52 | 8.7% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Medical Sciences Building 1 King's College Cir, Toronto
 Date: 21/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 7.94 | | 7.94 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.40 | 5.0% | 0.40 | 5.0% |
| HDPE (#2) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PP (#5) | | | | | | | | | | | | | 0.55 | 6.9% | 0.55 | 6.9% |
| PS (#6) | | | | | | | | | | | | | 0.60 | 7.6% | 0.60 | 7.6% |
| Glass | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aluminum | | | | | | | | | | | | | 0.10 | 1.3% | 0.10 | 1.3% |
| Steel | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Gable Top | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aseptic | | | | | | | | | | | | | 0.04 | 0.5% | 0.04 | 0.5% |
| Fine Papers | | | | | | | | | | | | | 0.30 | 3.8% | 0.30 | 3.8% |
| Newsprint | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | | | 0.70 | 8.8% | 0.70 | 8.8% |
| Other Paper Fibres | | | | | | | | | | | | | 0.20 | 2.5% | 0.20 | 2.5% |
| Corrugated Cardboard | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Fibres | | | | | | | | | | | | | 1.30 | 16.4% | 1.30 | 16.4% |
| Organic Food Waste | | | | | | | | | | | | | 2.10 | 26.4% | 2.10 | 26.4% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Coffee Cups | | | | | | | | | | | | | 0.30 | 3.8% | 0.30 | 3.8% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 0.80 | 10.1% | 0.80 | 10.1% |
| Styrofoam | | | | | | | | | | | | | 0.10 | 1.3% | 0.10 | 1.3% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| 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 | | | | | | | | | | | | | 0.20 | 2.5% | 0.20 | 2.5% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.25 | 3.1% | 0.25 | 3.1% |
| Total QAQC Check | | | | | | | | | | | | | 7.94 | 100.0% | 7.94 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 1.69 | 21.3% | 1.69 | 21.3% |
| Total Mixed Fibres | | | | | | | | | | | | | 1.20 | 15.1% | 1.20 | 15.1% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.40 | 5.0% | 0.40 | 5.0% |
| Other Recyclables | | | | | | | | | | | | | 7.29 | 91.8% | 7.29 | 91.8% |
| Non-Recyclables | | | | | | | | | | | | | 0.25 | 3.1% | 0.25 | 3.1% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Early Learning Centre 7 Glen Morris St, Toronto
 Date: 21/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 5.06 | | 5.06 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.45 | 8.9% | 0.45 | 8.9% |
| HDPE (#2) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PP (#5) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PS (#6) | | | | | | | | | | | | | 0.02 | 0.4% | 0.02 | 0.4% |
| Glass | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aluminum | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Steel | | | | | | | | | | | | | 0.69 | 13.6% | 0.69 | 13.6% |
| Gable Top | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aseptic | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Fine Papers | | | | | | | | | | | | | 0.10 | 2.0% | 0.10 | 2.0% |
| Newsprint | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | | | 0.31 | 6.1% | 0.31 | 6.1% |
| Other Paper Fibres | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Corrugated Cardboard | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Fibres | | | | | | | | | | | | | 2.33 | 46.0% | 2.33 | 46.0% |
| Organic Food Waste | | | | | | | | | | | | | 0.69 | 13.6% | 0.69 | 13.6% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.02 | 0.4% | 0.02 | 0.4% |
| Coffee Cups | | | | | | | | | | | | | 0.10 | 2.0% | 0.10 | 2.0% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 0.20 | 4.0% | 0.20 | 4.0% |
| Styrofoam | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.05 | 1.0% | 0.05 | 1.0% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| 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 | | | | | | | | | | | | | 0.10 | 2.0% | 0.10 | 2.0% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Total QAQC Check | | | | | | | | | | | | | 5.06 | 100.0% | 5.06 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 1.16 | 22.9% | 1.16 | 22.9% |
| Total Mixed Fibres | | | | | | | | | | | | | 0.41 | 8.1% | 0.41 | 8.1% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.79 | 15.6% | 0.79 | 15.6% |
| Other Recyclables | | | | | | | | | | | | | 4.27 | 84.4% | 4.27 | 84.4% |
| Non-Recyclables | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Chestnut Residence 89 Chestnut St, Toronto
 Date: 22/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|--------|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | 11.06 | | | | 11.06 | |
| Total Percent of Sample (in %): | 0.0% | | 0.0% | | 0.0% | | 0.0% | | 0.0% | | 100.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| HDPE (#2) | | | | | | | | | | | 0.20 | 1.8% | | | 0.20 | 1.8% |
| 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 | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Fine Papers | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Newsprint | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | 0.76 | 6.9% | | | 0.76 | 6.9% |
| Other Paper Fibres | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Corrugated Cardboard | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Compostable Fibres | | | | | | | | | | | 0.03 | 0.3% | | | 0.03 | 0.3% |
| Organic Food Waste | | | | | | | | | | | 3.75 | 33.9% | | | 3.75 | 33.9% |
| Compostable Dishware | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Coffee Cups | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Coffee Pods | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | 6.22 | 56.2% | | | 6.22 | 56.2% |
| Styrofoam | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Scrap Woods | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | 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% |
| 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 | | | | | | | | | | | 0.10 | 0.9% | | | 0.10 | 0.9% |
| Latex/Nitrile Gloves | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Total QAQC Check | | | | | | | | | | | 11.06 | 100.0% | | | 11.06 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | 0.20 | 1.8% | | | 0.20 | 1.8% |
| Total Mixed Fibres | | | | | | | | | | | 0.76 | 6.9% | | | 0.76 | 6.9% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |
| Other Recyclables | | | | | | | | | | | 11.06 | 100.0% | | | 11.06 | 100.0% |
| Non-Recyclables | | | | | | | | | | | 0.00 | 0.0% | | | 0.00 | 0.0% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: BCIT 40 St George St, Toronto
 Date: 21/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 16.12 | | 16.12 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.45 | 2.8% | 0.45 | 2.8% |
| HDPE (#2) | | | | | | | | | | | | | 0.20 | 1.2% | 0.20 | 1.2% |
| PP (#5) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PS (#6) | | | | | | | | | | | | | 0.02 | 0.1% | 0.02 | 0.1% |
| Glass | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aluminum | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Steel | | | | | | | | | | | | | 0.69 | 4.3% | 0.69 | 4.3% |
| Gable Top | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aseptic | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Fine Papers | | | | | | | | | | | | | 0.10 | 0.6% | 0.10 | 0.6% |
| Newsprint | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | | | 1.07 | 6.6% | 1.07 | 6.6% |
| Other Paper Fibres | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Corrugated Cardboard | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Fibres | | | | | | | | | | | | | 2.36 | 14.6% | 2.36 | 14.6% |
| Organic Food Waste | | | | | | | | | | | | | 4.44 | 27.5% | 4.44 | 27.5% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.02 | 0.1% | 0.02 | 0.1% |
| Coffee Cups | | | | | | | | | | | | | 0.10 | 0.6% | 0.10 | 0.6% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 6.42 | 39.8% | 6.42 | 39.8% |
| Styrofoam | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.05 | 0.3% | 0.05 | 0.3% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| 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 | | | | | | | | | | | | | 0.20 | 1.2% | 0.20 | 1.2% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Total QAQC Check | | | | | | | | | | | | | 16.12 | 100.0% | 16.12 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 1.36 | 8.4% | 1.36 | 8.4% |
| Total Mixed Fibres | | | | | | | | | | | | | 1.17 | 7.3% | 1.17 | 7.3% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.79 | 4.9% | 0.79 | 4.9% |
| Other Recyclables | | | | | | | | | | | | | 15.33 | 95.1% | 15.33 | 95.1% |
| Non-Recyclables | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
Site: Faculty of Dentistry 124 Edward St, Toronto
Date: 22/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|---|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 3.73 | | | | 26.02 | | 3.96 | | 1.97 | | | | | | 35.68 | |
| Total Percent of Sample (in %): | 10.5% | | 0.0% | | 72.9% | | 11.1% | | 5.5% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.35 | 9.4% | | | 0.60 | 2.3% | 0.20 | 5.1% | 0.00 | 0.0% | | | | | 1.15 | 3.2% |
| HDPE (#2) | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| PP (#5) | 0.00 | 0.0% | | | 0.35 | 1.3% | 0.20 | 5.1% | 0.00 | 0.0% | | | | | 0.55 | 1.5% |
| PS (#6) | 0.40 | 10.7% | | | 0.10 | 0.4% | 0.03 | 0.8% | 0.00 | 0.0% | | | | | 0.53 | 1.5% |
| Glass | 0.25 | 6.7% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.25 | 0.7% |
| Aluminum | 0.04 | 1.1% | | | 0.05 | 0.2% | 0.10 | 2.5% | 0.00 | 0.0% | | | | | 0.19 | 0.5% |
| Steel | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Gable Top | 0.30 | 8.0% | | | 0.00 | 0.0% | 0.15 | 3.8% | 0.00 | 0.0% | | | | | 0.45 | 1.3% |
| Aseptic | 0.40 | 10.7% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.40 | 1.1% |
| Fine Papers | 0.40 | 10.7% | | | 0.75 | 2.9% | 0.10 | 2.5% | 0.13 | 6.6% | | | | | 1.38 | 3.9% |
| Newsprint | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Boxboard | 0.00 | 0.0% | | | 0.60 | 2.3% | 0.25 | 6.3% | 0.00 | 0.0% | | | | | 0.85 | 2.4% |
| Other Paper Fibres | 0.00 | 0.0% | | | 0.55 | 2.1% | 0.10 | 2.5% | 0.09 | 4.6% | | | | | 0.74 | 2.1% |
| Corrugated Cardboard | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Compostable Fibres | 0.60 | 16.1% | | | 3.90 | 15.0% | 1.40 | 35.4% | 1.75 | 88.8% | | | | | 7.65 | 21.4% |
| Organic Food Waste | 0.30 | 8.0% | | | 1.45 | 5.6% | 0.75 | 18.9% | 0.00 | 0.0% | | | | | 2.50 | 7.0% |
| Compostable Dishware | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | | | 0.40 | 1.5% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.40 | 1.1% |
| Coffee Cups | 0.30 | 8.0% | | | 1.50 | 5.8% | 0.05 | 1.3% | 0.00 | 0.0% | | | | | 1.85 | 5.2% |
| Coffee Pods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.35 | 9.4% | | | 1.20 | 4.6% | 0.53 | 13.4% | 0.00 | 0.0% | | | | | 2.08 | 5.8% |
| Styrofoam | 0.00 | 0.0% | | | 0.07 | 0.3% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.07 | 0.2% |
| Mixed 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 Glass | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Metals | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | 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 | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Textiles | 0.00 | 0.0% | | | 0.20 | 0.8% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.20 | 0.6% |
| 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 | 0.02 | 0.5% | | | 0.50 | 1.9% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.52 | 1.5% |
| Latex/Nitrile 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% |
| Other / Non recyclable | 0.02 | 0.5% | | | 13.80 | 53.0% | 0.10 | 2.5% | 0.00 | 0.0% | | | | | 13.92 | 39.0% |
| Total QAQC Check | 3.73 | 100.0% | | | 26.02 | 100.0% | 3.96 | 100.0% | 1.97 | 100.0% | | | | | 35.68 | 100.0% |
| Total Mixed Containers | 1.74 | 46.6% | | | 1.10 | 4.2% | 0.68 | 17.2% | 0.00 | 0.0% | | | | | 3.52 | 9.9% |
| Total Mixed Fibres | 0.40 | 10.7% | | | 1.90 | 7.3% | 0.45 | 11.4% | 0.22 | 11.2% | | | | | 2.97 | 8.3% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.69 | 18.5% | | | 0.80 | 3.1% | 0.20 | 5.1% | 0.13 | 6.6% | | | | | 1.82 | 5.1% |
| Other Recyclables | 3.02 | 81.0% | | | 11.42 | 43.9% | 3.66 | 92.4% | 1.84 | 93.4% | | | | | 19.94 | 55.9% |
| Non-Recyclables | 0.02 | 0.5% | | | 13.80 | 53.0% | 0.10 | 2.5% | 0.00 | 0.0% | | | | | 13.92 | 39.0% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus

Site: Rehabilitation Sciences Buildin 500 University Ave, Toronto

Date: 22/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|---|--------------|--------|-----------|--------|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 12.44 | | | | 11.34 | | 1.30 | | 2.73 | | | | | | 27.81 | |
| Total Percent of Sample (in %): | 44.7% | | 0.0% | | 40.8% | | 4.7% | | 9.8% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.20 | 1.6% | | | 0.60 | 5.3% | 0.05 | 3.8% | 0.00 | 0.0% | | | | | 0.85 | 3.1% |
| HDPE (#2) | 0.00 | 0.0% | | | 0.30 | 2.6% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.30 | 1.1% |
| PP (#5) | 0.35 | 2.8% | | | 1.03 | 9.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 1.38 | 5.0% |
| PS (#6) | 0.35 | 2.8% | | | 0.10 | 0.9% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.45 | 1.6% |
| Glass | 0.00 | 0.0% | | | 0.50 | 4.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.50 | 1.8% |
| Aluminum | 0.04 | 0.3% | | | 0.50 | 4.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.54 | 1.9% |
| Steel | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Gable Top | 0.05 | 0.4% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.05 | 0.2% |
| Aseptic | 0.05 | 0.4% | | | 0.05 | 0.4% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.10 | 0.4% |
| Fine Papers | 0.15 | 1.2% | | | 0.30 | 2.6% | 0.00 | 0.0% | 0.10 | 3.7% | | | | | 0.55 | 2.0% |
| Newsprint | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Boxboard | 5.30 | 42.6% | | | 0.20 | 1.8% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 5.50 | 19.8% |
| Other Paper Fibres | 0.40 | 3.2% | | | 0.30 | 2.6% | 0.15 | 11.5% | 0.00 | 0.0% | | | | | 0.85 | 3.1% |
| Corrugated Cardboard | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Compostable Fibres | 1.30 | 10.5% | | | 0.90 | 7.9% | 0.20 | 15.4% | 2.50 | 91.6% | | | | | 4.90 | 17.6% |
| Organic Food Waste | 2.55 | 20.5% | | | 1.95 | 17.2% | 0.60 | 46.2% | 0.00 | 0.0% | | | | | 5.10 | 18.3% |
| Compostable Dishware | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Coffee Cups | 0.30 | 2.4% | | | 0.60 | 5.3% | 0.10 | 7.7% | 0.00 | 0.0% | | | | | 1.00 | 3.6% |
| Coffee Pods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.90 | 7.2% | | | 1.30 | 11.5% | 0.20 | 15.4% | 0.10 | 3.7% | | | | | 2.50 | 9.0% |
| Styrofoam | 0.10 | 0.8% | | | 0.01 | 0.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.11 | 0.4% |
| Mixed 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 Glass | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Metals | 0.00 | 0.0% | | | 0.80 | 7.1% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.80 | 2.9% |
| Scrap Woods | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 0.00 | 0.0% | | | 0.00 | 0.0% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Bulbs & Ballats | 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 | 0.00 | 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) | 0.00 | 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 | 0.10 | 0.8% | | | 0.10 | 0.9% | 0.00 | 0.0% | 0.03 | 1.1% | | | | | 0.23 | 0.8% |
| Latex/Nitrile 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% |
| Other / Non recyclable | 0.30 | 2.4% | | | 1.80 | 15.9% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.10 | 7.6% |
| Total QAQC Check | 12.44 | 100.0% | | | 11.34 | 100.0% | 1.30 | 100.0% | 2.73 | 100.0% | | | | | 27.81 | 100.0% |
| Total Mixed Containers | 1.04 | 8.4% | | | 3.08 | 27.2% | 0.05 | 3.8% | 0.00 | 0.0% | | | | | 4.17 | 15.0% |
| Total Mixed Fibres | 5.85 | 47.0% | | | 0.80 | 7.1% | 0.15 | 11.5% | 0.10 | 3.7% | | | | | 6.90 | 24.8% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.19 | 1.5% | | | 1.30 | 11.5% | 0.00 | 0.0% | 0.10 | 3.7% | | | | | 1.59 | 5.7% |
| Other Recyclables | 11.95 | 96.1% | | | 8.24 | 72.7% | 1.30 | 100.0% | 2.63 | 96.3% | | | | | 24.12 | 86.7% |
| Non-Recyclables | 0.30 | 2.4% | | | 1.80 | 15.9% | 0.00 | 0.0% | 0.00 | 0.0% | | | | | 2.10 | 7.6% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: Financial Services 215 Huron St, Toronto
 Date: 17/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 3.45 | | 3.45 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.20 | 5.8% | 0.20 | 5.8% |
| HDPE (#2) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PP (#5) | | | | | | | | | | | | | 0.10 | 2.9% | 0.10 | 2.9% |
| PS (#6) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Glass | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aluminum | | | | | | | | | | | | | 0.20 | 5.8% | 0.20 | 5.8% |
| 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% |
| Fine Papers | | | | | | | | | | | | | 0.05 | 1.4% | 0.05 | 1.4% |
| 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% |
| Compostable Fibres | | | | | | | | | | | | | 1.60 | 46.4% | 1.60 | 46.4% |
| Organic Food Waste | | | | | | | | | | | | | 0.50 | 14.5% | 0.50 | 14.5% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Coffee Cups | | | | | | | | | | | | | 0.15 | 4.3% | 0.15 | 4.3% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 0.30 | 8.7% | 0.30 | 8.7% |
| Styrofoam | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| Textiles | | | | | | | | | | | | | 0.30 | 8.7% | 0.30 | 8.7% |
| 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 | | | | | | | | | | | | | 0.02 | 0.6% | 0.02 | 0.6% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.03 | 0.9% | 0.03 | 0.9% |
| Total QAQC Check | | | | | | | | | | | | | 3.45 | 100.0% | 3.45 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 0.50 | 14.5% | 0.50 | 14.5% |
| Total Mixed Fibres | | | | | | | | | | | | | 0.05 | 1.4% | 0.05 | 1.4% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.25 | 7.2% | 0.25 | 7.2% |
| Other Recyclables | | | | | | | | | | | | | 3.17 | 91.9% | 3.17 | 91.9% |
| Non-Recyclables | | | | | | | | | | | | | 0.03 | 0.9% | 0.03 | 0.9% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: McLennan Labs/Physics 60 St George St, Toronto
 Date: 18/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|--------|--------|---|--------------|--------|-----------|---|-----------|--------|-------------|---|-----------|---|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | 1.27 | | | | 6.91 | | | | 4.11 | | | | | | 12.29 | |
| Total Percent of Sample (in %): | 10.3% | | 0.0% | | 56.2% | | 0.0% | | 33.4% | | 0.0% | | 0.0% | | 100.0% | |
| Composition of Garbage: | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % | kg | % |
| PET (#1) | 0.00 | 0.0% | | | 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% | | | | | 0.00 | 0.0% |
| PP (#5) | 0.10 | 7.9% | | | 0.15 | 2.2% | | | 0.00 | 0.0% | | | | | 0.25 | 2.0% |
| PS (#6) | 0.02 | 1.6% | | | 0.10 | 1.4% | | | 0.00 | 0.0% | | | | | 0.12 | 1.0% |
| Glass | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Aluminum | 0.05 | 3.9% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.05 | 0.4% |
| Steel | 0.00 | 0.0% | | | 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% | | | | | 0.00 | 0.0% |
| Aseptic | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Fine Papers | 0.10 | 7.9% | | | 0.00 | 0.0% | | | 0.04 | 1.0% | | | | | 0.14 | 1.1% |
| Newsprint | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Boxboard | 0.10 | 7.9% | | | 0.20 | 2.9% | | | 0.00 | 0.0% | | | | | 0.30 | 2.4% |
| Other Paper Fibres | 0.10 | 7.9% | | | 0.10 | 1.4% | | | 0.00 | 0.0% | | | | | 0.20 | 1.6% |
| Corrugated Cardboard | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Compostable Fibres | 0.25 | 19.7% | | | 1.43 | 20.7% | | | 4.07 | 99.0% | | | | | 5.75 | 46.8% |
| Organic Food Waste | 0.30 | 23.6% | | | 1.35 | 19.5% | | | 0.00 | 0.0% | | | | | 1.65 | 13.4% |
| Compostable Dishware | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Other Fiber Drink Cups | 0.00 | 0.0% | | | 0.03 | 0.4% | | | 0.00 | 0.0% | | | | | 0.03 | 0.2% |
| Coffee Cups | 0.00 | 0.0% | | | 0.25 | 3.6% | | | 0.00 | 0.0% | | | | | 0.25 | 2.0% |
| Coffee Pods | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| LDPE Plastic Films | 0.20 | 15.7% | | | 0.78 | 11.3% | | | 0.00 | 0.0% | | | | | 0.98 | 8.0% |
| Styrofoam | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Mixed Plastics | 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% |
| Lab Glass | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Metals | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Scrap Woods | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Electronic Wastes | 0.00 | 0.0% | | | 0.00 | 0.0% | | | 0.00 | 0.0% | | | | | 0.00 | 0.0% |
| Bulbs & Ballasts | 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% |
| Textiles | 0.00 | 0.0% | | | 0.90 | 13.0% | | | 0.00 | 0.0% | | | | | 0.90 | 7.3% |
| 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 | 0.00 | 0.0% | | | 1.25 | 18.1% | | | 0.00 | 0.0% | | | | | 1.25 | 10.2% |
| Latex/Nitrile Gloves | 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% |
| Other / Non recyclable | 0.05 | 3.9% | | | 0.37 | 5.4% | | | 0.00 | 0.0% | | | | | 0.42 | 3.4% |
| Total QAQC Check | 1.27 | 100.0% | | | 6.91 | 100.0% | | | 4.11 | 100.0% | | | | | 12.29 | 100.0% |
| Total Mixed Containers | 0.17 | 13.4% | | | 0.25 | 3.6% | | | 0.00 | 0.0% | | | | | 0.42 | 3.4% |
| Total Mixed Fibres | 0.30 | 23.6% | | | 0.30 | 4.3% | | | 0.04 | 1.0% | | | | | 0.64 | 5.2% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | 0.15 | 11.8% | | | 0.00 | 0.0% | | | 0.04 | 1.0% | | | | | 0.19 | 1.5% |
| Other Recyclables | 1.07 | 84.3% | | | 6.54 | 94.6% | | | 4.07 | 99.0% | | | | | 11.68 | 95.0% |
| Non-Recyclables | 0.05 | 3.9% | | | 0.37 | 5.4% | | | 0.00 | 0.0% | | | | | 0.42 | 3.4% |

General Comments and Observations:

Waste Audit Data Collection Sheet

Client: University of Toronto, St. George Campus
 Site: CCBR 160 College St, Toronto
 Date: 21/08/2023

| Area of Collection: | Offices | | Labs | | Public Areas | | Cafeteria | | Washrooms | | Living Area | | Unlabeled | | Total | |
|--------------------------------------|---------|---|--------|---|--------------|---|-----------|---|-----------|---|-------------|---|-----------|--------|--------|--------|
| Colour Code | Blue | | Yellow | | Black | | Green | | Red | | White | | Unlabeled | | | |
| Total Weight of Sample (in kg): | | | | | | | | | | | | | 4.90 | | 4.90 | |
| 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 | % |
| PET (#1) | | | | | | | | | | | | | 0.50 | 10.2% | 0.50 | 10.2% |
| HDPE (#2) | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| PP (#5) | | | | | | | | | | | | | 0.30 | 6.1% | 0.30 | 6.1% |
| PS (#6) | | | | | | | | | | | | | 0.20 | 4.1% | 0.20 | 4.1% |
| Glass | | | | | | | | | | | | | 0.35 | 7.1% | 0.35 | 7.1% |
| Aluminum | | | | | | | | | | | | | 0.30 | 6.1% | 0.30 | 6.1% |
| Steel | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Gable Top | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Aseptic | | | | | | | | | | | | | 0.20 | 4.1% | 0.20 | 4.1% |
| Fine Papers | | | | | | | | | | | | | 0.06 | 1.2% | 0.06 | 1.2% |
| Newsprint | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Boxboard | | | | | | | | | | | | | 0.50 | 10.2% | 0.50 | 10.2% |
| Other Paper Fibres | | | | | | | | | | | | | 0.12 | 2.4% | 0.12 | 2.4% |
| Corrugated Cardboard | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Fibres | | | | | | | | | | | | | 1.02 | 20.8% | 1.02 | 20.8% |
| Organic Food Waste | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Compostable Dishware | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other Fiber Drink Cups | | | | | | | | | | | | | 0.14 | 2.9% | 0.14 | 2.9% |
| Coffee Cups | | | | | | | | | | | | | 0.29 | 5.9% | 0.29 | 5.9% |
| Coffee Pods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| LDPE Plastic Films | | | | | | | | | | | | | 0.85 | 17.3% | 0.85 | 17.3% |
| Styrofoam | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Mixed 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% |
| Scrap Metals | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Scrap Woods | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Electronic Wastes | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Bulbs & Ballasts | | | | | | | | | | | | | 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% |
| 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 | | | | | | | | | | | | | 0.02 | 0.4% | 0.02 | 0.4% |
| Latex/Nitrile Gloves | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Single Use Plastics | | | | | | | | | | | | | 0.00 | 0.0% | 0.00 | 0.0% |
| Other / Non recyclable | | | | | | | | | | | | | 0.05 | 1.0% | 0.05 | 1.0% |
| Total QAQC Check | | | | | | | | | | | | | 4.90 | 100.0% | 4.90 | 100.0% |
| Total Mixed Containers | | | | | | | | | | | | | 1.85 | 37.8% | 1.85 | 37.8% |
| Total Mixed Fibres | | | | | | | | | | | | | 0.68 | 13.9% | 0.68 | 13.9% |
| | | | | | | | | | | | | | | | | |
| O.Reg.103/94 - Mandatory | | | | | | | | | | | | | 0.71 | 14.5% | 0.71 | 14.5% |
| Other Recyclables | | | | | | | | | | | | | 4.14 | 84.5% | 4.14 | 84.5% |
| Non-Recyclables | | | | | | | | | | | | | 0.05 | 1.0% | 0.05 | 1.0% |

General Comments and Observations:

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: University of Toronto, St. George Campus | | | |
| Name of Contact Person: Nabil Yacoub | Telephone #: 416-946-5711 | Email address: n.yacoub@utoronto.ca | |
| Street Address(es) of Entity(ies): 255 McCaul Street, 4th Level | | | |
| Municipality: Toronto, Ontario, M5T 1W7 | | | |
| 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>The University of Toronto is a large multi-building, multi-facility community that has approximately 60 thousand students, staff and faculty occupying several major city blocks with over 140 buildings that generate waste and recycling materials. U of T is required to conduct an annual waste audit since it satisfies Part X of Ontario Regulation (“O. Reg.”) 102/94 – Waste Audits and Waste Reduction Work Plans (“O. Reg.102/94”) which requires educational institutions to conduct waste audits and prepare waste reduction plans on an annual basis if the location or campus has more than 350 full or part-time persons enrolled during the calendar year.</p> |
|--|

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? |
| Organics & Food Waste | <i>Generated in cafeterias/food service and residence locations on campus, or brought in by staff/students. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Yard Waste | <i>Generated by grounds maintenance operations. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Scrap Wood | <i>Generated through woodworking operations. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Scrap Metal | <i>Generated through construction projects/maintenance. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Animal Bedding | <i>Generated through animal research facilities. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Polystyrene | <i>Generated in cafeterias/food service locations on campus, or brought in by staff/students. Also found in foam packaging. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Mixed Containers | <i>Generated in cafeterias/food service locations on campus, or brought in by staff/students. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Laboratory Glass and Plastic | <i>Generated in laboratory settings. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Amber Bottles | <i>Generated in laboratory settings. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Mixed Plastics | <i>Generated in cafeterias/food service locations on campus, or brought in by staff/students. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Coffee Cups | <i>Generated in cafeterias/food service locations on campus, or brought in by staff/students. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Soil & Plants | <i>Generated by grounds maintenance operations. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Light Bulbs | <i>Generated in all indoor and lighted outdoor areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| E-waste | <i>Generated in classroom, residence, and office areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Printer Cartridges | <i>Generated in residence and office areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Mixed Papers | <i>Generated in classroom, residence, and office areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Paper Towels | <i>Generated in washrooms. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Cardboard | <i>Generated in residence and office areas, and through deliveries. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Shredded Paper | <i>Generated in office areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |

| | |
|---------------------------|--|
| Pallets | <i>Generated through deliveries. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Asphalt | <i>Generated through construction projects. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Stone, pavers & screening | <i>Generated through construction projects. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Concrete | <i>Generated through construction projects. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Clean fill | <i>Generated through construction or grounds/maintenance projects. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Catch basin material | <i>Generated through water collection (storm drain/sewer). Debris is caught in the catch basin to prevent it from entering the sewer/water system. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Swap Shop - Out | <i>"Swap Shop" is a place for staff/students to drop off/take reusable items. Generated throughout campus. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Swap Shop – In | <i>"Swap Shop" is a place for staff/students to drop off/take reusable items. Generated throughout campus. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Campus Furniture | <i>Generated in common areas/residences/offices. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Batteries | <i>Generated in classrooms, offices, and residence areas. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Aero. Misc. pick ups | <i>Generated at the Aerospace Library. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</i> |
| Waste | <i>Generated in cafeterias/food service areas, offices, residences, common areas, etc. U of T's Environmental Protection Policy* governs the generation and handling of all solid waste.</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 |
|------------------------------|---|---|
| Organics & Food Waste | <i>May be placed into a trash bin and go to landfill.</i> | <i>Composting program currently in place.</i> |
| Yard Waste | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Scrap Wood | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Scrap Metal | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Animal Bedding | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Polystyrene | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Mixed Containers | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Laboratory Glass and Plastic | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Amber Bottles | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Mixed Plastics | <i>May be placed into a trash bin and go to landfill.</i> | <i>Organics compost program currently in place.</i> |
| Coffee Cups | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Soil & Plants | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Light Bulbs | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| E-waste | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Printer Cartridges | <i>May be placed into a trash bin and go to landfill.</i> | <i>Taken away by contractors.</i> |
| Mixed Papers | <i>May be placed into a trash bin and go to landfill.</i> | <i>Reused where possible or recycled</i> |
| Paper Towels | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Cardboard | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Shredded Paper | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Pallets | <i>May be placed into a trash bin and go to landfill.</i> | <i>Reuse program currently in place.</i> |

| | | |
|---------------------------|---|---|
| Asphalt | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Stone, pavers & screening | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Concrete | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Clean fill | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Catch basin material | <i>Catch basin material is well-controlled, as only the vendor can remove it from the basins.</i> | <i>Catch basin material is considered reused. It is collected, dried out, and used as landfill cover. This prevents fresh soil from being dug to use as landfill cover.</i> |
| Swap Shop - Out | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Swap Shop – In | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Campus Furniture | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Batteries | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Aero. Misc. pick ups | <i>May be placed into a trash bin and go to landfill.</i> | <i>Recycling program currently in place.</i> |
| Waste | <i>All non-recyclable waste placed into trash bins will go to landfill.</i> | <i>Non-recyclable waste will not be recycled. If non-recyclable waste is placed into recycling bins, it will contaminate the load and must be removed at processing facility.</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.

.../3

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.

The University of Toronto's current purchasing policy indicates that goods and services must be acquired in a manner that ensures that the University meets its statutory, legal and ethical obligations. The purchase/use of environmentally-friendly/sustainable materials/products is implied in the "ethical" obligations of the University's purchasing policy. The Purchasing Department is currently pursuing the publication of a specific environmental purchasing policy, though it has yet to be finalized.

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.

Once the environmental purchasing policy is finalized, there will be a significant positive shift in the purchasing/procurement of products manufactured with recycled/reused materials. While every effort is currently being made, the purchase of environmentally-friendly products will increase once there is an overriding policy dictating the need to do so. The University of Toronto is strongly committed to reducing their environmental impact as much as possible.

* 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: University of Toronto, St. George Campus | | | |
| Name of Contact Person: Nabil Yacoub | | Telephone #: 416-946-5711 | Email address: n.yacoub@utoronto.ca |
| Street Address(es) of Entity(ies): 255 McCaul Street, 4th Level | | | |
| Municipality: Toronto, Ontario, M5T 1W7 | | | |
| 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

| |
|---|
| Provide a brief overview of the entity(ties): |
| <p>The University of Toronto is a large multi-building, multi-facility community that has approximately 60 thousand students, staff and faculty occupying several major city blocks with over 140 buildings that generate waste and recycling materials. U of T is required to conduct an annual waste audit since it satisfies Part X of Ontario Regulation ("O. Reg.") 102/94 – Waste Audits and Waste Reduction Work Plans ("O. Reg.102/94") which requires educational institutions to conduct waste audits and prepare waste reduction plans on an annual basis if the location or campus has more than 350 full or part-time persons enrolled during the calendar year.</p> |

III. PLANS TO REDUCE, REUSE AND RECYCLE WASTE

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.

| Waste Category (as stated in Part V of your “Report of a Waste Audit”) | Source Separation and 3Rs Program |
|---|---|
| Organics & Food Waste | <i>“Organics 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Yard Waste | <i>“Yard Waste 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Grounds staff will be reminded of existing recycling programs. |
| Scrap Wood | <i>“Scrap Wood 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Scrap Metal | <i>“Scrap Metal 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Animal Bedding | <i>“Animal Bedding 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Polystyrene | <i>“Polystyrene 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Mixed Containers | <i>“Mixed Containers 3Rs Program”</i> <u>Reduce:</u> Staff/students will be encouraged to use a reusable water bottle instead of purchasing a disposable plastic one. <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Laboratory Glass and Plastic | <i>“Laboratory Glass and Plastic 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Amber Bottles | <i>“Amber Bottles 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Mixed Plastics | <i>“Mixed Plastics 3Rs Program”</i> <u>Reduce:</u> Staff/students will be encouraged to use a reusable water bottle instead of purchasing a disposable plastic one. <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Coffee Cups | <i>“Coffee Cups 3Rs Program”</i> <u>Reduce:</u> Staff/students will be encouraged to use a travel mug instead of a paper cup. <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Soil & Plants | <i>“Soil & Plants 3Rs Program”</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Grounds staff will be reminded of existing recycling programs. |
| Light Bulbs | <i>“Light Bulb 3Rs Program”</i> <u>Reduce:</u> None |

| | |
|---------------------------|---|
| | <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| E-waste | <i>"Ewaste 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Printer Cartridges | <i>"Ewaste 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Mixed Papers | <i>"Mixed Paper 3Rs Program"</i> <i>Reduce: Staff/Students will be encouraged to print on both sides of paper to reduce the number of pages used.</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Paper Towels | <i>"Paper Towel 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Cardboard | <i>"Cardboard 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Shredded Paper | <i>"Shredded Paper 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |
| Pallets | <i>"Pallets 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: Receiving staff/students will be reminded of the existing reuse program.</i> <i>Recycle: None.</i> |
| Asphalt | <i>"Asphalt 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff and contractors will be reminded of existing recycling programs.</i> |
| Stone, pavers & screening | <i>"Stone, Pavers & Screening 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: Staff and contractors will be reminded of existing recycling programs.</i> <i>Recycle: None</i> |
| Concrete | <i>"Concrete 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff and contractors will be reminded of existing recycling programs.</i> |
| Clean fill | <i>"Clean Fill 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: None</i> <i>Recycle: Staff and contractors will be reminded of existing recycling programs.</i> |
| Swap Shop - Out | <i>"Swap Shop 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: Staff/students will be reminded of existing recycling programs.</i> <i>Recycle: None</i> |
| Swap Shop – In | <i>"Swap Shop 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: Staff/students will be reminded of existing recycling programs.</i> <i>Recycle: None</i> |
| Campus Furniture | <i>"Campus Furniture 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: Staff/students will be reminded of existing recycling programs.</i> <i>Recycle: None</i> |
| Batteries | <i>"Batteries 3Rs Program"</i> <i>Reduce: None</i> <i>Reuse: The use of rechargeable batteries will be encouraged.</i> <i>Recycle: Staff/students will be reminded of existing recycling programs.</i> |

| | |
|-------------------------|--|
| Miscellaneous Recycling | <i>"Misc. 3Rs Program"</i> <u>Reduce:</u> None <u>Reuse:</u> None <u>Recycle:</u> Staff/students will be reminded of existing recycling programs. |
| Waste | All non-recyclable waste is sent to landfill, including catch basin material. |

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 # |
| Nabil Yacoub | All UofT 3Rs Programs | 416-946-5711 |
| | (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 |
| Organics & Food Waste | <i>Organics 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Yard Waste | <i>Yard Wastes 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Scrap Wood | <i>Scrap Wood 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Scrap Metal | <i>Scrap Metal 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Animal Bedding | <i>Animal Bedding 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Polystyrene | <i>Polystyrene 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Mixed Containers | <i>Mixed Containers 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Laboratory Glass and Plastic | <i>Laboratory Glass and Plastic 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Amber Bottles | <i>Amber Bottles 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Mixed Plastics | <i>Mixed Plastics 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Coffee Cups | <i>Coffee Cups 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Soil & Plants | <i>Soil & Plants 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Light Bulbs | <i>Light Bulbs 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| E-waste | <i>Ewastes 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Printer Cartridges | <i>Printer Cartridges 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Mixed Papers | <i>Mixed Papers 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Paper Towels | <i>Paper Towels 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Cardboard | <i>Cardboard 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Shredded Paper | <i>Shredded Paper 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Pallets | <i>Pallets 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Asphalt | <i>Asphalt 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Stone, pavers & screening | <i>Stone, Pavers & Screening 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Concrete | <i>Concrete 3Rs program currently implemented. Promotion/enforcement may be</i> |

| | |
|----------------------|--|
| | <i>beneficial to increase capture rate.</i> |
| Clean fill | <i>Clean Fill 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Swap Shop - Out | <i>Swap-Shop 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Swap Shop – In | <i>Swap-Shop 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Campus Furniture | <i>Campus Furniture 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Batteries | <i>Batteries 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</i> |
| Aero. Misc. pick ups | <i>Aero. Misc. pick-ups 3Rs program currently implemented. Promotion/enforcement may be beneficial to increase capture rate.</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: |
| <p>Increase awareness of recycling programs at the facility through staff/student/cleaner education programs. Such programs can include placement of posters in strategic locations around the building, and posting information regarding recycling, reuse, and reduction rates throughout the facility. Provide easy access to contact information for help or questions regarding the recycling programs. The recycling program should have as much consistency as possible throughout the entire campus.</p> |

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

| | | |
|--|---------------|--------------|
| I hereby certify that the information provided in this Waste Reduction Work Plan is complete and correct. | | |
| Signature of authorized official: | Title: | Date: |

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Appendix E

Compactor Study Report



University of Toronto – St. George Campus

2023 Compactor Study Audit

Prepared for:

Nabil Yacoub – Waste Management Supervisor

University of Toronto – Facilities & Services

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Prepared by:

WRG | Waste Reduction Group Inc

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Toronto, Ontario, M4S 1A6 Phone (416) 823-4554

Waste Reduction Group Project

August 2023

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Introduction

University of Toronto retained the services of Waste Reduction Group Inc. to conduct a compactor study of three compactors located at the University of Toronto: St. George Campus. The waste audit examined samples of waste (garbage) from a day (1) period on August 23rd-August 25th, 2023. The goal of the study was to gain understanding of the composition of solid wastes generated in those three compactors locations.

Purpose/Methodology

The compactors from 89 Chestnut, Stanford Fleming and Robart's Library were collected and brought to Queensway Transfer Station for the audit team to qualitatively review and document the materials found within the residue stream.

- Wednesday August 23rd: Pick up the compactor at 89 Chestnut and empty it at Queensway transfer station (1400 The Queensway, Etobicoke, ON M8Z 1S4).
- Thursday August 24th: Pick up the compactor from Sandford Fleming and empty it at Queensway transfer station.
- Friday August 25th: Pick up the compactor from Robarts Library and empty it at Queensway transfer station.

The purpose of the compactor study audit was to:

- Qualitatively document the materials found within the compactors at 89 Chestnut, Stanford Fleming and Robart's Library.
- Identify existing opportunities for waste reduction and diversion to assist in the formulation of the recommendation(s).
- Generate recommendations based on findings for improved waste reduction and diversion practices.

Study Results

89 Chestnut St

Date: August 23rd, 2023

Net Weight: 590.00kg

The waste composition was not in line with our expectations for an institute, with a mix of organic, recyclable, non-recyclable materials and quite a lot of bulky materials present in the compactor. The waste stream is predominantly composed of household garbage, including food scraps and packaging



materials. Many instances of improper waste disposal, such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, plastic containers with food residue, food residue on paper products, glass bottles, and hazardous waste. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers.

- Disposable coffee cups and fast-food packaging appear to be overrepresented in the waste.
- Approximately 30% of the waste appears to be food-related, including food scraps and food packaging.
- There are recyclable materials like cardboard boxes and aluminium cans that could have been diverted for recycling.
- Some discarded electronics, like a security camera, could have been repaired or reused.
- Single-use plastics such as plastic bottles, disposable cutlery, and plastic bags are prevalent in the waste.
- There are signs of excessive packaging.
- Large quantity of tissues and paper towels present in the sample.
- there are discarded electronics like printer cartridge and security camera.
- Food scraps and organic materials, which could be composted, are present in the waste.
- Bulky HDPE is present in the sample.
- There are some reusable containers, bags, and bottles in the waste, indicating efforts to reduce single-use items.
- Fast-food packaging and beverage containers with prominent brand labels are noticeable.
- There are no visible signs of hazardous materials or chemicals in the waste.
- Furniture and construction debris seem out of place in this waste stream.
- Approximately 20% of the waste appears to be paper or cardboard.
- There are discarded textiles, including bedding items like comforter, pillows etc.
- Items like glass bottles and intact electronics are commonly discarded without breakage.
- There are items like clothing that could have been donated instead of discarded.
- Single-use plastic items like disposable cutlery and straws appear excessive in quantity.
- Plastics and food-related materials are commonly found together in the waste stream.
- Approximately 40% of the waste appears to be various forms of plastics.



- There are visible signs of organic waste decomposition in the form of decomposed food scraps.
- Discarded items exhibit a variety of colors, including white, black (plastics) and brown (cardboard).
- Some materials, like plastics and cardboard, have been compacted beyond recognition.
- Specific items like cardboard boxes and plastic bottles appear to be overrepresented in the waste, indicating recycling opportunities.
- Consumer behaviours are evident in the high volume of single-use items like plastic bottles and disposable coffee cups.
- Technology-related items, such as old computer peripherals cables and telephones are consistently disposed of.
- Excessive packaging materials could have been avoided through better planning and eco-friendly alternatives.
- Some university and education related items like notes, books etc. are discarded in the waste.
- Materials that could be repurposed for shipping or storage include cardboard boxes and bubble wrap.
- Recurring items from the same brand suggest potential brand loyalty, such as a popular coffee brand.
- There are items still in their original packaging.
- Items related to home improvement, like paint bucket and carpeting material, show disposal patterns.
- Cigarette butts are found in the sample.
- There are discarded personal care items like empty shampoo bottles and toothpaste tubes.
- There are partially consumed packaged products, like half-empty snack bags.
- There are unopened food packages in the waste sample.
- There are no yard or pet waste present in the waste.
- It looks like the sample belonged to a residential building.
- Fast-food packaging appears to be overrepresented in the waste.



Sandford Fleming

Date: August 24th, 2023

Net Weight: 6100.00kg

The waste composition is as expected for a large academic institution, with a significant amount of paper waste, organic waste, and non-recyclable waste. The waste stream is predominantly composed of household garbage, including food scraps, paper products and packaging materials. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers. There are instances of improper waste disposal with materials such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, medical waste, hazardous waste materials and glass bottles. With indications of recycling materials with food residue. There are occurrences of food residue on paper products, indicating potential contamination. There's a noticeable trend toward the use of single-use plastic materials, such as disposable water bottles.

- Disposable coffee cups and fast-food packaging appear to be overrepresented in the waste.
- Large quantity of PPE is present in the sample.
- Large quantity of tissues and paper towels present in the sample.
- Approximately 50% of the waste appears to be food-related, including food scraps and food packaging.
- Unused paper rolls are discarded in the waste.
- Scrap metal is present in the sample.
- Scrap wood is present in the sample.
- Pet waste is present in the sample.
- Bulky HDPE is present in the sample.
- There are recyclable materials like cardboard boxes and aluminium cans that could have been diverted for recycling.
- Some discarded electronics, like, electric and ethernet cables and batteries is present in the sample.
- Single-use items such as plastic bottles, disposable cutlery, and plastic bags are prevalent in the waste.
- There are signs of excessive packaging material present in the sample.
- Food scraps and organic materials, which could be composted, are present in the waste.
- There are some reusable containers, bags, and bottles in the waste, indicating efforts to reduce single-use items.



- Fast-food packaging and beverage containers with prominent brand labels are noticeable.
- There are hazardous materials or medical waste present in the sample.
- Hazardous waste and construction debris seem out of place in this waste stream.
- Approximately 30% of the waste appears to be paper or cardboard.
- U of T merchandise is present in the sample.
- There are discarded textiles, including shoes, clothes, pillows etc.
- Items like glass bottles and intact electronics are commonly discarded without breakage.
- There are items like clothing that could have been donated instead of discarded.
- Single-use plastic items like disposable cutlery and straws appear excessive in quantity.
- Plastics and food-related materials are commonly found together in the waste stream.
- Approximately 60% of the waste appears to be various forms of plastics.
- There are visible signs of organic waste decomposition in the form of decomposed food scraps.
- Discarded items exhibit a variety of colors, including white, black (plastics) and brown (cardboard).
- Some materials, like plastics and cardboard, have been compacted beyond recognition.
- Specific items like cardboard boxes and plastic bottles appear to be overrepresented in the waste, indicating recycling opportunities.
- Consumer behaviours are evident in the high volume of single-use items like plastic bottles and disposable coffee cups.
- Technology-related items, such as old cables and batteries are consistently disposed of.
- Excessive packaging materials could have been avoided through better planning and eco-friendly alternatives.
- Some university and education related items like notes, books etc. are discarded in the waste.
- Materials that could be repurposed for shipping or storage include cardboard boxes and bubble wrap.
- Recurring items from the same brand suggest potential brand loyalty, such as a popular coffee brand.
- There are items still in their original packaging.
- Items related to home improvement, like paint bucket, vacuum bag etc. show disposal patterns.
- There are discarded personal care items like empty shampoo bottles and toothpaste tubes.



- There are partially consumed packaged products, like half-empty snack bags.
- There are unopened food packages in the waste sample.

Robart's Library

Date: August 25th, 2023

Net Weight: 2650.00kg

The waste composition is as expected for a library, with a significant amount of paper waste, packaging waste and non-recyclable waste. With the waste primarily consisting of plastics, paper products, and garbage, including food scraps and packaging materials. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers. There are instances of improper waste disposal with materials such as recyclables (e.g., plastic bottles) mixed in with non-recyclable waste, as plastic containers with food residue, glass bottles. There instances of food residue on paper products, indicating potential contamination. With a noticeable trend towards the use of plastic packaging, including plastic bottles, bags, and food containers.

- U of T merchandise is present in the sample.
- Disposable coffee cups and fast-food packaging appear to be overrepresented in the waste.
- PPE is present in the sample.
- Approximately 20% of the waste appears to be food-related, including food scraps and food packaging.
- Scrap metal is present in the sample.
- Scrap wood is present in the sample.
- Bulky HDPE is present in the sample.
- Large quantity of tissues and paper towels present in the sample.
- There are recyclable materials like cardboard boxes and aluminium cans that could have been diverted for recycling.
- Some discarded electronics, like, audiotapes are present in the sample.
- Single-use items such as plastic bottles, disposable cutlery, and plastic bags are prevalent in the waste.
- There are signs of excessive packaging material present in the sample.
- Food scraps and organic materials, which could be composted, are present in the waste.



- There are some reusable containers, bags, and bottles in the waste, indicating efforts to reduce single-use items.
- Fast-food packaging and beverage containers with prominent brand labels are noticeable.
- There are no hazardous materials or medical waste present in the sample.
- Approximately 20% of the waste appears to be paper.
- U of T merchandise is present in the sample.
- There are discarded textiles, including shoes, clothes, pillows etc.
- Items like glass bottles and intact electronics are commonly discarded without breakage.
- There are items like clothing that could have been donated instead of discarded.
- Single-use plastic items like disposable cutlery and straws appear excessive in quantity.
- Plastics and food-related materials are commonly found together in the waste stream.
- Approximately 70% of the waste appears to be various forms of plastics.
- There are visible signs of organic waste decomposition in the form of decomposed food scraps.
- Discarded items exhibit a variety of colours, including white, black (plastics) and brown (cardboard).
- Some materials, like plastics and cardboard, have been compacted beyond recognition.
- There's a noticeable trend toward the use of single-use plastic materials, such as disposable water bottles.
- Specific items like cardboard boxes and plastic bottles appear to be overrepresented in the waste, indicating recycling opportunities.
- Consumer behaviours are evident in the high volume of single-use items like plastic bottles and disposable coffee cups.
- Old technology-related items, such as cassette tapes are present in the sample.
- Excessive packaging materials could have been avoided through better planning and eco-friendly alternatives.
- Some university and education related items like notes, books etc. are discarded in the waste.
- Materials that could be repurposed for shipping or storage include cardboard boxes and bubble wrap.
- Recurring items from the same brand suggest potential brand loyalty, such as a popular coffee brand.



- There are items still in their original packaging.
- There are discarded personal care items like empty shampoo bottles and toothpaste tubes.
- There are partially consumed packaged products, like half-empty snack bags.
- There are unopened food packages in the waste sample.
- Unused paper rolls are discarded in the waste.

