WASTE AUDIT REPORT & WASTE REDUCTION WORK PLAN

Version 2023-2024

December 2024

Reporting Period: April 1, 2023 – March 31, 2024

Lambton College Fiscal Year 2024

Prepared for:
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Lambton College

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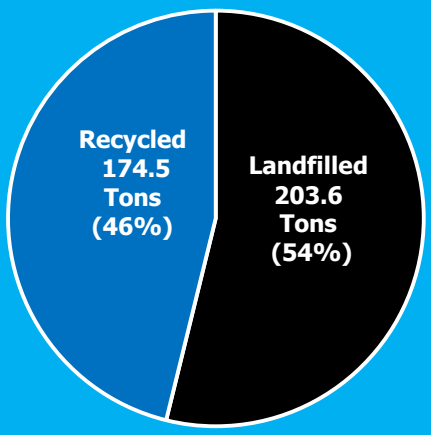
WASTE AUDIT 2023/ 2024

WHAT ARE WE DOING?

Campus Wide Waste Generation



46% Waste Diversion Rate

3 Highest Landfilled Generated Materials

1. 55 Tons (27 %) Pre-Consumer (Edible) Food & Beverage Waste

Equivalent To

Over 60,000 large 12-inch pepperoni and cheese pizzas![12]

2. 46.2 Tons (22%) Paper Towels

Equivalent To

Almost 130,000 single (904 sheet count) Bounty Paper Towel Rolls![13]

3. 42.8 Tons (21 %) Post-Consumer Food & Beverage Waste

Equivalent To

Over 434,000 full single cups of orange peels![14]

HOW CAN WE IMPROVE?

- Implement Organics Collection Program
- Consistency in Waste Labelling
- Expand and Implement New Recycling Initiatives
- Waste & Recycling Training
- Education & Awareness

Campus Wide Waste Diversion Goal

2029-2030

Lambton College

1.0 ACNKOWLEDGEMENTS

I would like to thank all key stakeholders involved for making the 2023-2024 Waste Audit and Waste Reduction Work Plan for Lambton College a success. Due to the continued onset of the COVID-19 pandemic, no audit sort was able to take place this year. However, waste hauler information was still compiled to make this report as accurate and relevant as possible. I would like to thank certain stakeholders involved for making this audit analysis a success:

- **The Lambton College Facilities Management Department** for gathering our common waste & recycling haulage collection information; our asset surplus sale data for sold furniture and other miscellaneous multi-material items that have been diverted from landfill; and gathering of our commercial hazardous waste data.
- **The Lambton College Accounting/ Purchasing Department** for gathering our sold/ donations of electronics and other miscellaneous items.
- **The Lambton College IT Department** and **The School of Information Technology** for the gathering of recycled and refurbished electronics.
- **Xerox Global Services** for collecting information on printer and toner cartridges.
- **Aevitas Inc.** for gathering information on recycled fluorescent tube lights.
- **Call2Recycle** for gathering information on recycled batteries.
- **Trijan Recycling and Premier Recycling** for scrap metal data.
- **Sanimax** for their FOG (Fats, Oils and Grease) data.
- **Other Staff** and **External Players** responsible for uploading divertible data.
- **Lambton College Student Sustainability Club (LCSC)** for assisting with the waste audit sort during Global Recycling Day on Monday, March 18, 2024.

2.0 SYNOPSIS

The 2023-2024 version of Lambton College's Annual Waste Audit and Waste Reduction Work Plan is here. Situated on the traditional territory of the Ojibwe, Potawatomi and Odawa First Nations Lambton College is home to an estimated 3,500 full-time, 6,500 part-time and over 500 international students, with the international student body being one of the highest growth demographics. During the waste collection period (April 1, 2023, to March 31,2024), the calculated campus-wide waste diversion rate (adjusting for contamination) is 46%. This means that 46% of the total weight of all waste generated at Lambton gets recycled, refurbished or redistributed instead of being sent to landfill. Ordered from lowest to highest waste diversion rates for the 7 areas audited are: Lambton INN Residence & Event Centre (17%); North Building (19%); Skilled Trades Training Centre (29%); Community Employment Services (Petrolia Site) (38%); Suncor Sustainability Centre (45%); South Building (Main Campus) (46%) and Fire & Public Safety Centre of Excellence (69%). All key performance indicators (KPIs) are based on certain assumptions to account for the growth and changes happening at the facility. Recommendations are made under the waste reduction work plan and waste management strategy and include landfill and greenhouse gas mitigation measures such as incorporating a college-wide organics collection program, encouraging the use of printing on both sides of paper and capturing more recyclables in the recycling stream. All suggestions will help align with the College's new Strategic Plan of 2025-2030 and other Ministry of Environment regulations and reporting documents.

3.0 INTRODUCTION

3.1 Lambton College

Address: 1457 London Road, Sarnia, ON N7S 6K4

Located in Sarnia, Ontario, Canada Lambton College is an Ontario community college that is situated on the traditional territory of the Ojibwe, Potawatomi and Odawa First Nations. These three individual Nations make up the traditional Three Fires Confederacy (10). It enrolls approximately 3,500 full-time domestic students, 6,500 part-time students and over 500 international students each year. With the international student body increasing, Lambton is producing rapid building expansion to keep up with student and staff demand. Enriching one of the highest students to work success rates in the country and now being considered one of the top research colleges in Canada it channels itself into seven pathways that students and staff can take to advance their levels of education:

- Business & Creative Design, Liberal Studies & English
- Community Services
- Computer Studies
- Fire Sciences
- Health Sciences
- Technology, Energy & Apprenticeship
- Online Education

The college also offers support to the community by offering services at its Community Employment Services (CES) building in Petrolia, Ontario (moving to the Suncor Sustainability Centre come 2025) and the Centre for Entrepreneurship located at The CUBE in South Building (main campus).

3.2 Current Waste Management Systems

3.2.1 Existing Waste Collection Programs

Internally, housekeeping staff (currently employed by BEST - For a cleaner world) is responsible for the collection, handling and disposal of common facility waste – defined as waste/ garbage/ landfill; cardboard (OCC) recycling; paper recycling and containers recycling. Areas of waste generation that they are responsible for are outlined in Table 1 (note – for outdoor waste, housekeeping personal are only responsible for waste collection up to approximately 15 feet from the building).

Furthermore, other waste items (i.e. fluorescent tube lights, batteries, hazardous waste, printer and toner cartridges, electronics, furniture, outdoor waste bins greater than 15 feet from any building, etc.) are handled, transferred and stored by various stakeholders for waste hauler collection, refurbishment and disposal.

Externally, various waste haulers collect all of the college's waste on specific schedules (see Table 2 in 4.2 for a listing of all waste hauler companies).

3.2.2 Waste Collection Schedules and Disposal Best Practices

Table 1 outlines an overview of the college frequency and storage of internal/ external waste collection on site (for waste hauler pickup).

Table 1. Internal and External Waste Collection Program

Waste Program	Internal Collection & Disposal	Collection/ Storage Areas	Internal Collection Schedules		External Waste Hauler	External Waste Hauler Schedule
			Frequency	Operating Hours		
Recycled Paper	Housekeeping staff collect and store in 0.45 cubic yard recycling totes	Multiple	1/day at least	24/hr	Waste Connections of Canada	Weekly
Confidential Paper	Staff place in shred boxes	Multiple	As Needed	As Needed	Xerox - "Shred It"	On call, Monthly
Containers	Housekeeping staff collect and store in 0.45 cubic yard recycling totes	Multiple	1/day at least	24/hr	Waste Connections of Canada	Weekly
OCC (Old Corrugated Cardboard)	Housekeeping staff collect and store in 6 - 8 cubic yard bins	Multiple	1/day at least	24/hr	Waste Connections of Canada	As Needed
Organics	Culinary students seasonally	Lambton INN	1/day at least	7:30 AM - 4:30 PM	Composted on site. Food scraps dissolved into compost and used in garden	N/A
Fluorescent Bulbs	During light bulbs replacements, Facilities Staff store in the blue box inside Shipping & Receiving	South Building (SB)	As Needed	7:30 AM - 4:30 PM	Aevitas	As Needed
Batteries	Facilities Staff collect and store in boxes. Shipped from South Building only through Xerox.	South Building SB); North Building (NB) and Fire Building (FPSCE)	As Needed	8:30 AM - 4:30 PM	Call2Recycle	As Needed
Electronics	Tenants, IT, staff bring to Shipping and Receiving loading docks	South Building	As Needed	As Needed	Digital Friends; Goodwill; Phoenix Project;	As Needed
Printer/Toner Cartridges	Xerox collects and ships	South Building	As Needed	7:30 AM 4:30 PM	Xerox - exchange program	As Needed
Wood Pallets	Xerox stores in Shipping and Receiving Loading dock	South Building	As Needed	7:30 AM - 4:30 PM	Merchants Paper - Kirk* Fire School Local Community Member (works with XEROX) Trash Taxi (Sarnia Site)	As Needed
Hazardous/ Pharmaceutical Waste	Staff and faculty bring to Safe Storage	South Building	As Needed	8:30 AM - 4:30 PM	Ministry approved carrier RPR, Photech Environmental, Provincial Environmental Services Inc., Clean Harbours, Stericycle, Canflow Environmental Services Corp. (FPSCE)	As Needed
Scrap Metal	Staff, Faculty and Students dispose of material in metal bins outside shops	SB; Skilled Trades Training Centre (STTC)	As Needed	As Needed	Trijan Industries; Premier Recycling; Waste Connections of Canada	As Needed
Landfill	Housekeeping staff store in compactor and roll-off bins	Multiple	1-2/ day	24/hr	Waste Connections of Canada	On Call, daily
C&D (Construction & Demolition) - Diverted	N/A	Multiple	N/A	24/hr	Multiple (I.E., Marcotte Disposal)	On Call, daily
FOG (Fats, Oils and Grease) - Diverted	"Chartwells staff store in Sanimax bin Culinary students store in Sanimax bin "	South Building – one Sanimax onken (900 kg of used cooking oil) Lambton INN – one Sanicart (180 kg of used cooking oil)	Onken: 1-4 times/year Sanicart: 1-3 times/year	24/hr	Sanimax	On Call, daily
Miscellaneous (multi-material) - Diverted	Used clothing - staff put in hallway across from Campus Bookstore at South Building. Other items are diverted in various ways.	Multiple	As Needed	As Needed	Multiple (I.E., staff, faculty, students)	AS Needed

* As of November 2018, Merchants Paper no longer collects these.

3.3 Legislation

3.3.1 Acts

3.3.1.1 Environmental Protection Act

The Canadian Environmental Protection Act (EPA) was established in 1999 by the Government of Canada that legislated a law respecting pollution prevention and the protection of the environment and human health in order to contribute to sustainable development (8). Under the act is a list of regulations and guidelines that are required for certain Canadian organizations to comply with in order to mitigate its impacts on global climate change.

3.3.1.2 Resource Recovery and Circular Economy Act

Established in 2016, the Resource Recovery and Circular Economy Act is Ontario's strategy for a Waste-Free Ontario. It is a legislative law that creates an entire life-cycle of all waste produced that would otherwise be sent to the landfill back into the economy for recycling, refurbishing and redistributing. A strong government direction for reducing, reusing and recycling all forms of waste. See all regulations and guidelines under this act in (9).

3.3.2 Regulations

3.3.2.1 O. Reg. 102/ 94 Waste Audits and Waste Reduction Work Plans

An Ontario regulation made under the Environmental Protection Act that requires 10 organization types to develop a quantitative analysis of its waste generated on-site, to measure and calculate key performance indicators and provide suggestions and recommendations for a facility to reduce, reuse and recycle its waste. These reports must be kept on file for at least five years for the Ministry of Environment to review if required. The 10 organizations involved are: retail shopping establishments; retail shopping complexes; large construction projects; large demolition projects; office buildings; restaurants; hotels and motels; hospitals; educational institutions; and large manufacturing establishments (7).

3.3.2.2 O. Reg. 103/94 Industrial, Commercial and Institutional Source Separation Programs

An Ontario regulation that addresses a list of materials that need to be sorted and diverted from landfill for 11 organization types to reduce, reuse and recycle their waste. It is a requirement under O. Reg. 102/94 Waste Audits and Waste Reduction Work Plans. The 11 organizations involved are: retail shopping establishments; retail shopping complexes; large construction projects; large demolition projects; office buildings; multi-unit residential buildings; restaurants; hotels and motels; hospitals; educational institutions; and large manufacturing establishments (6).

3.4 Authorities Having Jurisdiction (AHJ)

3.4.1 RPRA (Resource Productivity & Recovery Authority) Blue Box Program

Beginning in 2021, The Resource Productivity & Recovery Authority (RPRA) has been the regulator mandated by the Government of Ontario to enforce the province's circular economy laws. These laws require organizations (herein defined as producers) to report on several producer responsibility programs (11). Here, Lambton College is legally responsible to report on

two producer responsibility programs: Blue Box and Hazardous and Special Products. The Blue Box program was originally subsidized and supported by the Canadian Stewardship Services Alliance (CSSA) through Stewardship Ontario (SO). Since 2021 Lambton College has been reporting to RPRA through The Blue Box program where it reports on Paper & Paper Packaging produced by the college in addition to Hazardous and Special Products. The login portal can be found on the following RPRA website (11).

4.0 METHODOLOGY

4.1 Buildings Audited

A total of seven buildings and/or campuses were analyzed and audited for this report. A description of each location (I.E, program offerings, room types, square footage, year built, etc.) are described below.

4.1.1 South Building

Address: 1457 London Road, Sarnia, ON N7S 6K4

South Building is Lambton College's main campus. With the new 100,000 square foot addition of the HRAC (Health Research and Athletic Complex) and an additional 7,000 square foot addition to the Centre of Excellence, this building spans over 460,000 square feet of classroom, athletic, office, cafeteria and other spaces that allow for excellent student and staff experience. For a listing of available room types please see Table 4-B in Appendix B.

4.1.2 North Building

Address: 1431 London Road, Sarnia, ON N7S 1P6

The North Building is home to the Ontario Early Years Centre (OEYC), the Early Childhood Education (ECE) program, Corporate Training Centre, Faculty Offices and the Marketing Department (See Table 5-B in Appendix B for listing of all room types). This building covers approximately 33,400 square feet. Please note that approximately 2/3 of this building is being demolished in 2025 with only 1/3 (11,133 square feet) being occupied.

4.1.3 Lambton INN Residence & Event Centre

Address: 1485 London Road, Sarnia, ON N7S 1P6

The Lambton INN Residence & Event Centre is home to Lambton's only student residence, the culinary program and various fine dining and ballroom events (see Table 6-B in Appendix B for a full list of room types). This building covers almost 113, 000 square feet and is the second largest building on campus.

4.1.4 Fire & Public Safety Centre of Excellence

Address: 459 Lasalle Line 26, St. Clair Township, ON N0N 1G0

The Fire & Public Safety Centre of Excellence (FPSCE) building is home to the fire sciences technology program. It contains about 26,000 square feet of building space in two stories with mixed office, washroom, cafeteria and other space (see Table 7-B in Appendix B for a listing of all room types). A holding pond is used for water resources for the fire line training whereby a fire building simulation is used during class periods.

4.1.5 Skilled Trades Training Centre

Address: 1485 London Road BLDG "A", Sarnia, ON N7S 1P6

The Skilled Trades Training Centre (STTC) building is a mixture of office space and skilled training shops including a carpentry shop, welding shop and a new HVAC lab. Encompassing over 23, 000 square feet of operational space on a 1-story makes it a unique space for students to train for various skilled labour licenses and certificates (see Table 8-B in Appendix B for a listing of all room types).

4.1.6 Suncor Sustainability Centre

Address: 1489 London Road Unit A, Sarnia, ON N7S 1P6

The Suncor Sustainability Centre (SSC) was originally office space designed for Lambton's applied research & innovation centre. The Sarnia-Lambton Environmental Association (SLEA) leases two offices and the Community Awareness Emergency (CAER) leased one office inside the SSC. In addition, part of the building was leased by the Industrial Educational Cooperative (IEC) but they managed their own waste. The entire building is 1-storey and contains 11,886 square feet of operational space (please see Table 9-B in Appendix B for a full list of room types. Note – offices and kitchen were combined in the hallway room type sort). In 2025, this building is being renamed as the Experiential Learning Centre (ELC) or Building N. The building will be occupied by employees located in the Community Employment Services (CES) Building in Petrolia. From mid-March 2020 to the end of 2024 this building was essentially vacant.

4.1.7 Community Employment Services

Address: 4248 Oil Heritage Rd Unit 2, Petrolia, ON N0N 1R0

Lambton College's Community Employment Services (CES) building is located at its Petrolia site. It is a one storey building that spans 7,000 square feet and is home to a few Lambton College staff as well as the local communities to use as a source for finding employment (see Table 10-B in Appendix B for a full listing of room types). It has been note that Lambton College is moving out of this building in 2025.

4.2 Haulage Data

4.2.1 Waste Hauler Organizations

Table 2 outlines the current waste haulers involved in the facility's waste management operations.

Table 2. Current Waste Hauler Companies at Lambton College

Waste Hauler Company	Materials Collected	Buildings Collected from		Drop-Box Locations		
Call2 Recycle	Batteries	SB		SB	NB	FPSCE
Aevitas	Fluorescent Tube Lights	SB		SB		
Trijan Industries Ltd.	Scrap Metal	SB	STTC	SB		
Premier Recycling	Scrap Metal	Varies		STTC		
Lambton College Health & Safety	Hazardous Waste	SB	FPSCE			
Stericycle ULC	Hazardous Waste	SB	FPSCE			
RPR Environmental Inc.	Hazardous Waste	SB	FPSCE			
Provincial Environmental Services Inc.	Hazardous Waste	SB	FPSCE			
Daniels Sharpsmart Canada Ltd.	Hazardous Waste	SB	FPSCE			
Marcotte Disposal	Construction and Demolition (C&D)	Varies		Varies		
Lambton College	Organics	LI		LI		
Shred-IT/ Stericycle	Confidential Paper Recycling	SB				
Digital Friends; Lambton College IT Personnel; Lambton College Purchasing Department; Facilities Asset Disposal Surplus Sale; Lambton College Student-Run Phoenix Project	E-Waste/ furniture	SB				
XEROX	Printer Cartridges and Toner Cartridges	SB				
Merchants Paper	Wooded Pallets	SB				
Waste Connections of Canada	Scrap Metal	As Needed		Varies		
Waste Connections of Canada	Containers Recycling	SB, NB, STTC, SSC, LI, FPSCE		Varies		
Waste Connections of Canada	Paper Recycling	SB, NB, STTC, SSC, LI, FPSCE		Varies		
Waste Connections of Canada	OCC (Old Corrugated Cardboard)	Varies		Varies		
Waste Connections of Canada	Landfill Waste	Varies		Varies		
Sanimax	FOG (Fats, Oils and Grease) - Diverted	SB	LI	SB	LI	

SB - South Building
LI - Lambton INN Residence & Event Centre
FPSCE - Fire & Public Safety Centre of Excellence
STTC - Skilled Trades Training Centre
NB - North Building
SSC – Suncor Sustainability Centre
Varies – multiple buildings across multiple campuses. Changes happening constantly.

4.3 Waste Audit Sort

4.3.1 Scheduled Dates and Locations

Table 3 below shows the scheduled working hours, locations and sites audited while conducting the 4-day auditing sort from a 24-hour waste generation period from Monday, March 18, 2024 to Thursday, March 21, 2024.

Table 3. WATE SORTING DATES/TIMES/LOCATIONS

	Waste Generation Date		Waste Generation Period				
Day	**From**	**To**	**From**	**To**	**Hours**	**Bags Drop-Off Location**	**Sorting Locations Audited**
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	South Building Block A and B (SB Cafeteria A-B & Hallway – up to 66 bags/ labels) (SB A-B offices, washrooms, classrooms, labs up to 215 bags)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	South Building Block C, D &E (SB Classrooms, Hallways, Gym/ Fitness C-E up to 77 bags) (SB C-E Offices, Washrooms, Outdoor Three-Stream near Building Entrances, Shops up to 105 bags)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	Lambton INN Training Centre (LI washrooms & Classrooms up to 18 bags) (LI offices up to 13 bags) (LI outdoor 3-stream near building entrances up to 8 bags)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	North Building (Marketing Offices on Second Floor and Marketing Lunchroom)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	STTC (Skilled Trades Training Centre) (Hallways, classrooms, outdoor 3-stream near building entrances, washrooms, offices up to 36 bags)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	CES Petrolia Offices, washrooms, classrooms, cafeteria/ lunchroom up to 23 bags)
1	Tuesday, March 12, 2024	Wednesday, March 13, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	Fireschool Building (washrooms, offices, cafeteria, classrooms, outdoor 3-stream near building entrances, Bay Area up to 52 bags)
2	Wednesday, March 13, 2024	Thursday, March 14, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	South Building Outdoors 3-Stream (Near Building Entrances)
2	Wednesday, March 13, 2024	Thursday, March 14, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	Lambton INN Residence (Residence Bedrooms – up to 71 bags) (Residence lounge, commons areas, hallways up to 14 bags)
3	Thursday, March 14, 2024	Friday, March 15, 2024	5:30 PM	5:30 PM	24.0	South Building C0-159A (Outside ledge/ gate area of Grounds)	Baking Lab (behind Lambton INN)

4.3.2 Sorting Categories

On The 7th Global Recycling Day on Monday, March 18, 2024, The Lambton College Student Sustainability Club (LCSC) - run under Lambton College's Student Administrative Council (SAC) – and a faculty advisor – supported the waste audit sort this year. Further audit sorting also took place on Tuesday, March 19th and Thursday, March 21st, 2024. 44 sorting categories have been identified to organize the waste data. Information on where each material belongs (recycling or landfill) can be found on the City of Sarnia website which dictates the various waste streams (4). See Table 4 below for the 42 sorting categories and their associated waste stream

Table 4. Sample of a Waste Sorting Sheet

Sorting Date/ Time	Location		Stream	Recyclable On Campus
Sorting Item	Day Totals (Kg)	Day Totals (Kg)	Sorting	Recyclable
Office Paper			Paper	YES
Newspaper and Mixed Paper			Paper	YES
Boxboard			Paper	YES
Molded Pulp Containers			Paper	YES
Cardboard (OCC)			Paper	YES
Polycoat/Aseptic Containers			Containers	YES
#1 (PET)			Containers	YES
#2 (HDPE)			Containers	YES
#3 (PVC)			Containers	YES
#4 (LDPE)			Containers	YES
#5 (PP)			Containers	YES
#6 (PS)(Rigid)			Containers	YES
#7 (Other)			Containers	YES
Food and Beverage Cans			Containers	YES
Food and Beverage (Clear and Coloured) Glass			Containers	YES
Office Supplies (Recyclable)			Containers	YES
Coffee Cups (I.e., Tim Horton's and Starbucks Paper Coffee Cups)			Containers	YES
Fountain Cups			Containers	YES
Paper Towels			Landfill	NO
Paper Cups			Landfill	NO
Non-Recyclable Paper			Landfill	NO
Loose Film Bags (#4)			Landfill	NO
Laminated Film			Landfill	NO
Other Plastic			Landfill	NO
Other Glass			Landfill	NO
Other Metal			Landfill	NO
Pre-Consumer Food and Beverage			Landfill	NO
Post-Consumer Food and Beverage			Landfill	NO
Wood Pallets			Wood pallet reusing	YES
Other Wood			Landfill	NO
Electronics			E-Waste Recycling	YES
Cartridges			Printer/Toner Cartridges	YES
Construction and Demolition			Landfill	NO
Office Supplies (Reusable)			Landfill	NO
Unclassified			Landfill	NO
Washroom Waste			Landfill	NO
Textiles			Landfill	NO
Batteries			Batteries Recycling	YES
Fluorescent Bulbs			Light Bulb Recycling	YES
Other hazardous Waste			Hazardous Waste Recycling	YES
Leaf and Yard Waste			Leaf and yard waste recycling	YES
#6 (PS) (Expanded Foam)			Landfill	NO

4.4 Key Performance Indicators (KPIs)

Key performance indicators were used in this report to help the College establish a baseline and compare quantitative measures to previous waste audits. The KPIs used in this report are outlined and defined below.

1) **Waste Diversion Rate:** an equation that calculates the proportion of waste (expressed as a weight in kg or metric tons) that gets redirected or diverted from landfill/ residual divided by the total weight of the waste generated at the facility; expressed as a percentage.

   Waste Diversion Rate (%)

   $$= \frac{sum\ of\ all\ waste\ materials\ recycled,composted,reused\ and/or\ refurbished}{sum\ of\ all\ waste\ materials\ generated}\ \text{X } 100\%$$

2) **Capture Rate:** The proportion of the mass of eligible divertible materials that are successfully diverted from landfill relative to the total amount of divertible materials that are generated at the facility; expressed as a percentage.

   Capture Rate (%)

   $$= \frac{sum\ of\ all\ waste\ materials\ recycled,composted,reused\ and\ refurbished\ correctly}{sum\ of\ alll\ waste\ materials\ that\ are\ eligible\ for\ recycling,composting,reusing\ and/or\ refurbished}\ \text{X } 100\%$$

3) **Waste Generation:** The amount of waste accumulated and consumed at the facility; expressed in weighted units (kg or tons)

4) **Waste Generation Intensity:** The weight of waste generated per unit area per building; expressed in kg/ square footage / year.

   Waste Generation Intensity (mass / unit area/ unit of time)

   $$= \frac{sum\ of\ all\ waste\ materials\ generated}{total\ building\ area\ (square\ feet)}$$

5) **Contamination Rate:** the amount of waste that gets placed in landfill divertible waste streams (i.e. recycling, composting, reuse programs, refurbishing programs) but is incorrectly sorted. Examples include food waste placed in the Glass, Cans and Plastic Containers recycling stream.

5.0 ASSUMPTIONS AND LIMITATIONS

This waste audit report and waste reduction work plan is based on a sample size of a one full-day cycle (24-hour) waste generation period for all buildings located in Lambton County.

See a list below for limitations to this study:

Weather: changes in weather patterns can cause various changes in behaviors towards waste generated on site (I.e., extreme cold weather or stormy events may cause classes to be cancelled and thus less volume of people at the facility during the waste audit period).

Enrollment: with significant growth in building square footage student and staff enrollment could change drastically as a result. This is positively correlated with waste generation (I.e., as enrollment increases so does waste generation).

Sorting dates: the scheduled sorting dates were supposed to take place from Monday to Thursday that represented a typical full class and work schedule week. However, it did not consider the amounts of events (internally and externally) that may have occurred during the waste sorting period. The 2023 to 2024 waste audit sort was the first sort conducted after the World Health Organization (WHO) declare the COVID-19 virus as a global pandemic in mid-March 2020. This year (2023-2024) represented a new normal year across the campus with classes and staff back onsite.

Global Pandemic: A global pandemic could significantly influence the waste audit results, especially when it comes to waste stream composition. The coronavirus called COVID-19 led to the shutdown of the entire college facility on Monday, March 16, 2020.

Hauler and Sorting Calculations: outside of waste sent to be landfilled, hauler calculated weights are unit averages based on research and so may not reach 100% accuracy. But in turn they are well characterized by the total waste diverted at the facility. The 24-hour waste generation sorting days were extrapolated to 346 days – the average number of days the college is open each year.

Waste Generation Period: this report represents waste generated between April 1, 2023 and March 31, 2024. Based on timing and project scope completion, this is an ideal waste audit case when conducting waste audit reports. In addition, starting the audit period in April is ideal for educational institutions because it represents the start of a new fiscal year and is 100% aligned with OCAPPA's (Ontario College Association of Physical Plant Administrators) Annual Benchmarking reports. These reports compare how our sector is operational in various services which includes waste management and generation.

Fixed Building Area, Room Types and Room Locations: the audit assumes that square footage, quantities and types of rooms were constant throughout this report. There can be much variability in room changes that were caused by growth, changes in occupations, deferred maintenance and other factors which are unpredictable to determine on an annual basis.

Confidential Paper: Stericycle is the company that collects the college's confidential paper. There is presently still difficulty in obtaining annual records/ reports. From this, the weight of this recycling stream was taken from the 2014-2015 WA & WRWP.

6.0 RESULTS

The tables and figures in this section outline quantitative characteristics of waste generated and diverted at the facility.

6.1 Waste Generation Summary

Figure 1 below shows the annual waste generations for the seven buildings audited categorized by six waste streams:

- Recycled Paper
- Recycled Containers
- Recycled OCC (old-corrugated cardboard)
- Recycled Organics
- Recycled Other Materials
- Landfilled

Note that the Campus Wide figure is the sum of the seven figures. The figure is also designed with the highest waste generated buildings at the top left and the lowest waste generated buildings at the bottom right. As read (highest waste generated buildings to lowest waste generated buildings):

- South Building
- Lambton INN Residence & Event Centre
- Fire & Public Safety Centre of Excellence (FPSCE) (St. Clair Township site)
- North Building
- Skilled Trades Training Centre
- Community Employment Services (CES) (Petrolia site)
- Suncor Sustainability Centre (SSC)*

*Note: the SSC will be called the Experiential Learning Centre (ELC) (Building N) in 2025.

Table 5 shows the 16 waste categories for the seven building audited sites, adjusting for contamination. Table 1-B is shown in Appendix B and reveals what the waste diversion rate would have been if the diverted waste streams had zero contamination in them. Overall, contamination was high (around 44%) compared to previous waste audits and represented a drop in waste diversion by 4%. With 0% contamination the College's waste diversion rate could reach a new high of 50% assuming normal operating conditions.

Figure 1. Annual Waste Generation for 7 Lambton College Locations (Tons/ Year)

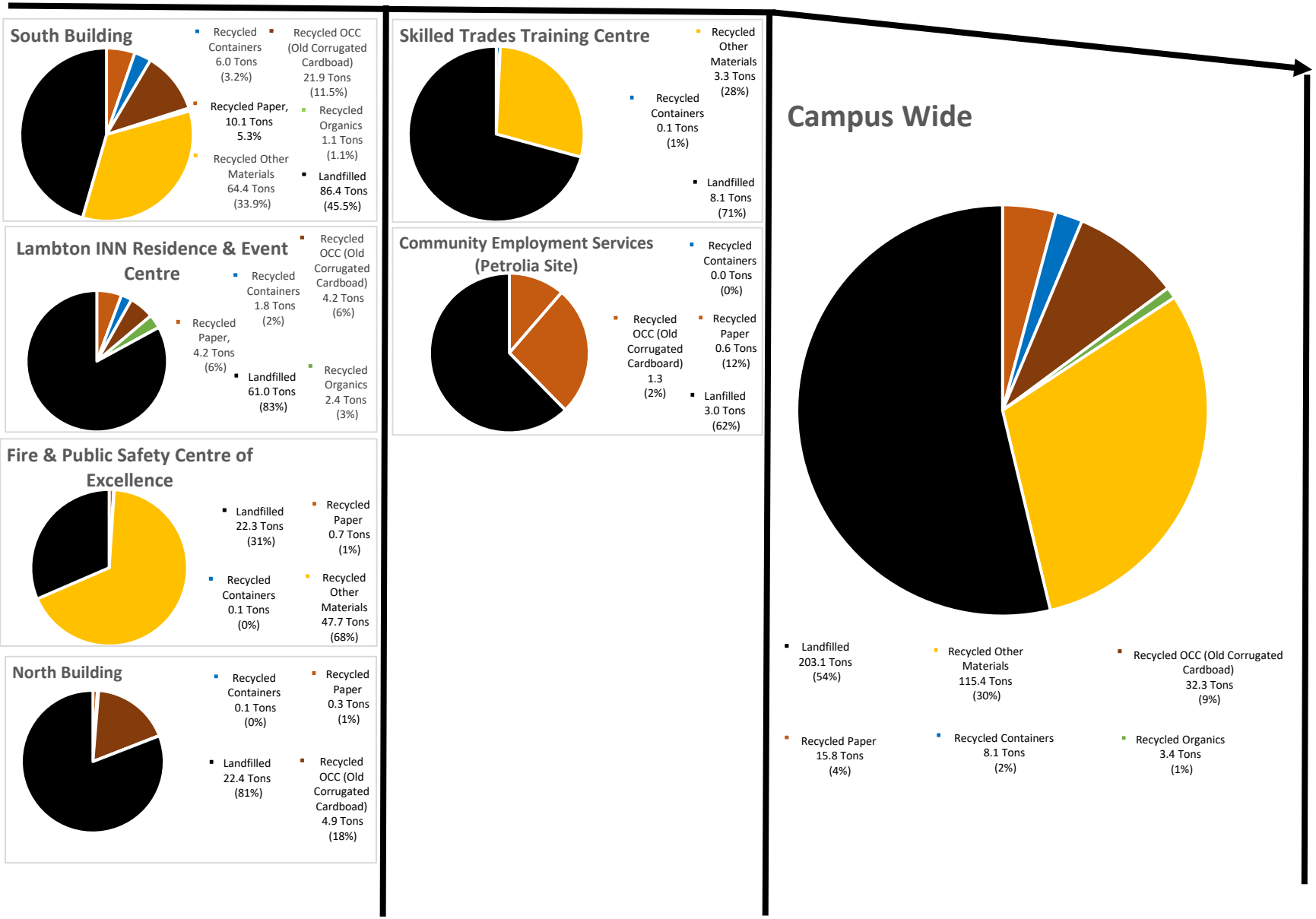


Table 5. Annual Waste Haulage Records for Lambton College by Campus Site (generated from April 1, 2023 to March 31, 2024) (adjusting for contamination)

	Annual Haulage Records (Adjusting for Contamination) (MT)										
Waste Material	**LI**	**SB**	**SSC**	**STTC**	**CES**	**FS**	**ITC**	**NB**	**SH**	**Western (BTAC)**	**Total**
Recycled Paper	4.21	6.52	0.00	0.00	0.55	0.65	0.00	0.29	0.00	0.00	12.23
Confidential Paper	0.00	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60
Containers	1.82	6.00	0.00	0.09	0.00	0.08	0.00	0.07	0.00	0.00	8.06
OCC (Old Corrugated Cardboad)	4.16	21.92	0.00	0.00	1.28	0.00	0.00	4.92	0.00	0.00	32.28
Organics	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
Flourescent Bulbs	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
Batteries	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Electronics	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90
Printer Cartridges and Toner Cartridges	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
Wood Pallets	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
Hazardous Waste	0.00	16.73	0.00	0.00	0.00	47.73	0.00	0.00	0.00	0.00	64.47
Scrap Metal	0.00	15.49	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	18.75
Landfill	61.01	86.38	0.00	8.10	3.03	22.26	0.00	22.36	0.00	0.00	203.15
C&D (Construction & Demolition) - Diverted	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOG (Fats, Oils and Grease) - Diverted	1.49	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54
Miscellaneous (multi-material) - Diverted	0.00	28.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.01
Total	**73.55**	**189.83**	**0.00**	**11.46**	**4.86**	**70.72**	**0.00**	**27.65**	**0.00**	**0.00**	**378.07**

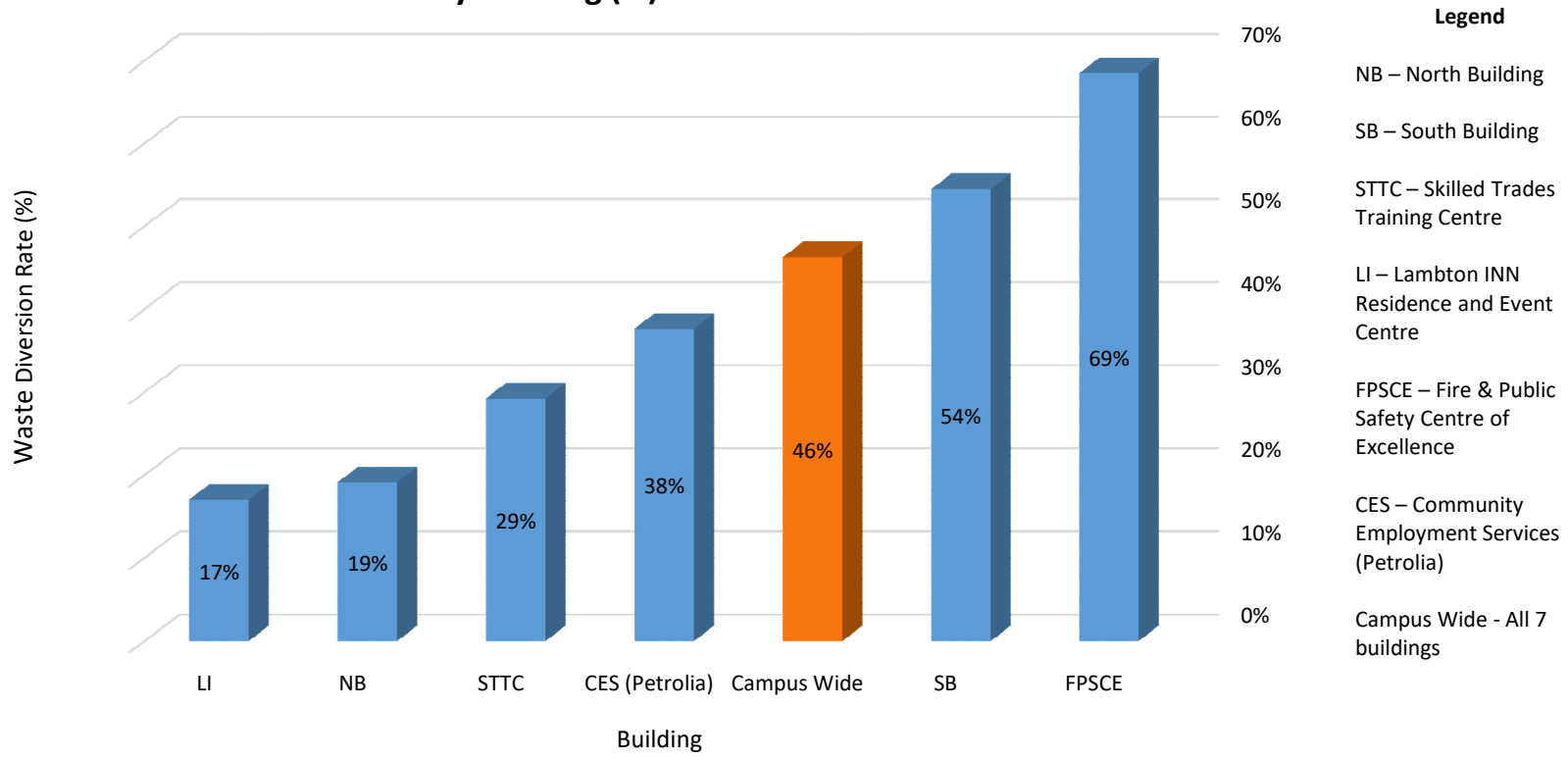
LI - Lambton INN Residence & Event Centre
SB - South Building
SSC - Suncor Sustainability Centre
STTC - Skilled Trades Training Centre
CES - Community Employment Services (Petrolia Site)
FS - Fire School (St. Clair Township Site)
ITC - Industrial Training Centre (St. Clair Township Site)
NB - North Building
SH – Sustainable Smart House
Western (BTAC) - Bluewater Technology Access Centre

6.2 Waste Diversion Rates

Figure 2 below outlines the waste diversion rates for the six buildings audited and compares that to the campus wide waste diversion rate.

Here, we see that four buildings (Lambton INN Residence & Event Centre, North Building, Skilled Trades Training Centre and Community Employment Services (Petrolia Site)) were below the campus average whereas two buildings (South Building and Fire & Public Safety Centre of Excellence) were above.

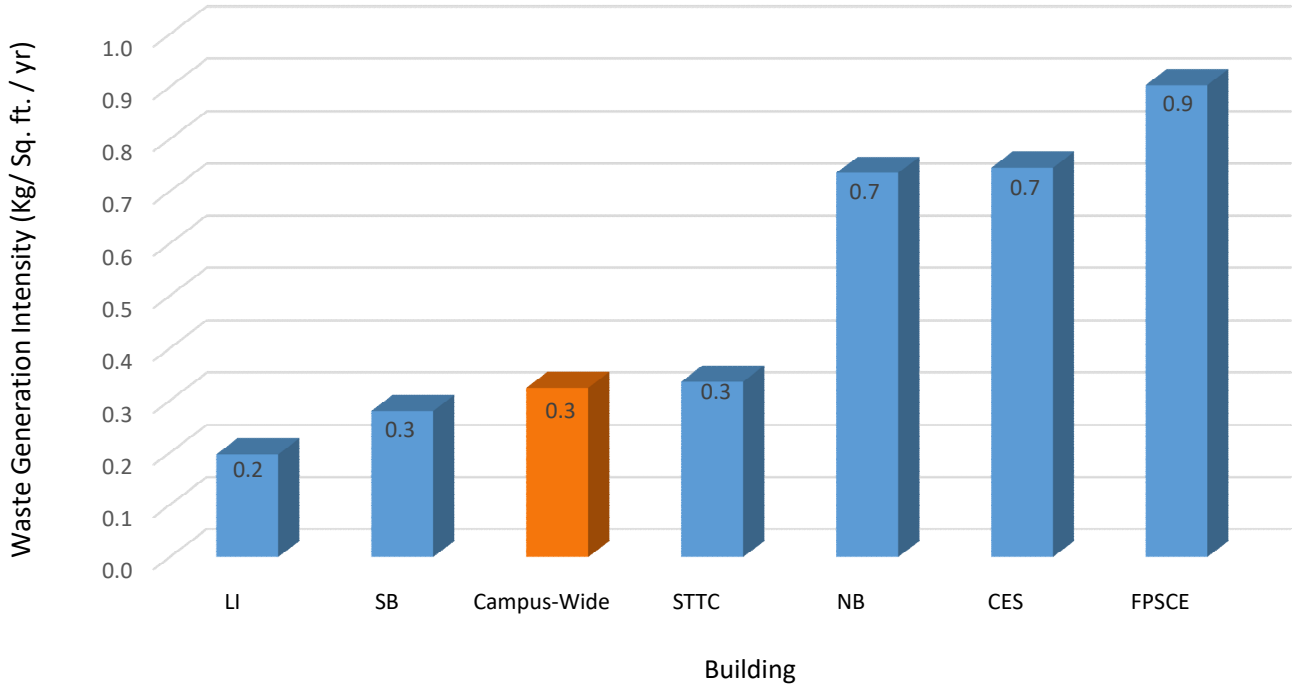
Figure 2. Waste Diversion Rates by Building (%)



6.3 Waste Generation Intensities

Figure 3 below outlines waste generation intensities for the six buildings audited and compares that to the campus wide waste generation intensity. Here, we see that two buildings (Lambton INN Residence & Event Centre and South Building) have lower waste generated intensities compared to the other five buildings (Skilled Trades Training Centre, North Building, Community Employment Services, Fire & Public Safety Centre of Excellence, and Suncor Sustainability Centre) that are higher than the campus average.

Figure 3. Campus-Wide Waste Generation Intensities by Building (Kg/ Sq. ft./yr)



Legend

NB – North Building

SB – South Building

STTC – Skilled Trades Training Centre

LI – Lambton INN Residence and Event Centre

FPSCE – Fire & Public Safety Centre of Excellence

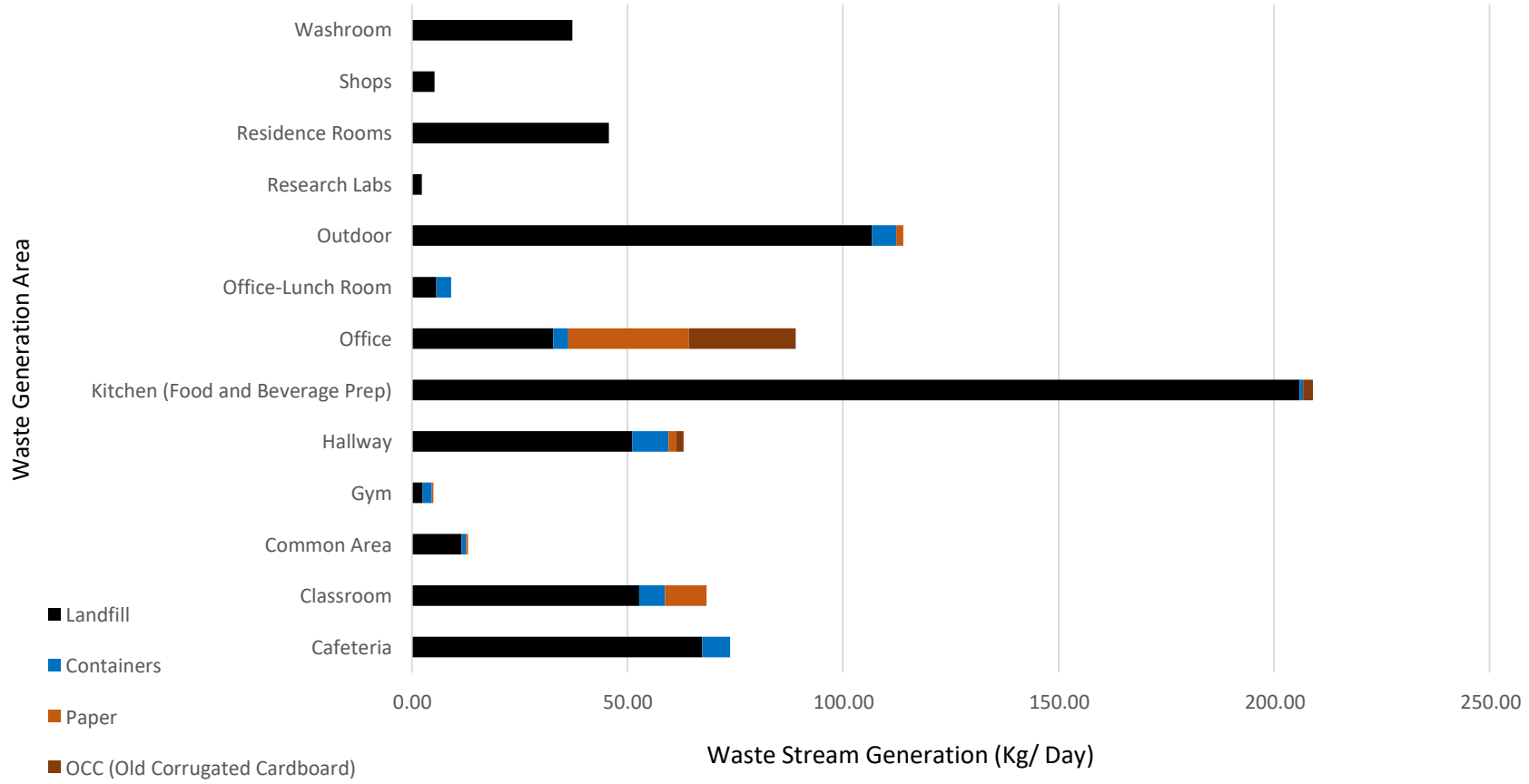
CES – Community Employment Services (Petrolia)

Campus-Wide - All 6 buildings

6.4 Waste Generation Areas

Figure 4 below shows the gross waste generation by the thirteen waste generated areas addressed and is based on the waste audit sort only (note: the waste audit sort data is taken from the 2017-2018 WA & WRWP and the 2023-2024 WA & WRWP). Here, we see that the waste generated in kitchens exceeds all other areas and research labs (I.e., Research Analyzer Lab, Extruder Lab and Biology Lab) are the least generated areas of waste.

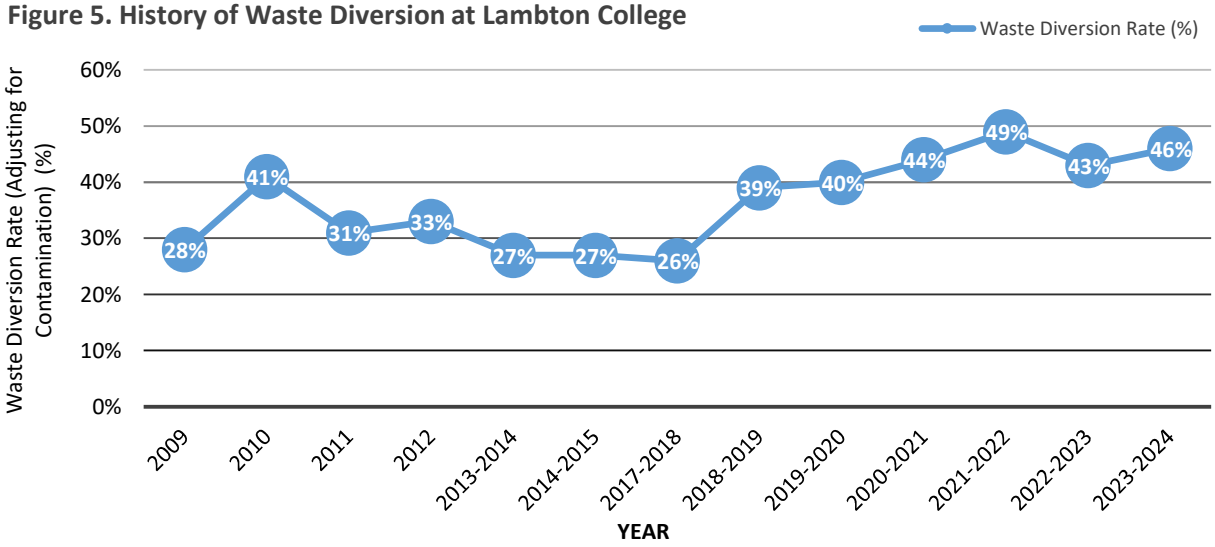
Figure 4. Campus Wide Waste Stream Composition by Area Type



6.5 Waste Diversion History

Figure 5 below shows the history of waste diversion at Lambton College from 2009 to 2023-2024. Of the years audited, 2021-2022 posed to have the highest waste diversion rate (49%) whereas this year's report marks the second highest (46%). Significant differences between year 2021-2022 and the other years was also noted.

Figure 5. History of Waste Diversion at Lambton College



6.6 Waste Generation Per Capita

Table 6 below outlines the estimated student and staff population of Lambton College during the waste auditing period. An estimated staff, faculty and students (full-time equivalent) attended Lambton College. On average, each college enrolled (student and/or employee) individual in Lambton College generated < 1 (0.03) kg per day.

Table 6. Estimated Staff and Student Population during Waste Audit Period (April 1, 2023 to March 31, 2024)

Year	**2023**	**2023**	**2024**	**2023-2024**
Semester	**Spring**	**Fall**	**Winter**	**FTE (Full-Time Equivalent) Total**
Population Category				
Domestic Full Time Students	1,773	278	2,062	3,974
Domestic Part Time Students	163	67	206	403
Apprentice	165	39	174	359
International Full Time	1,702	426	3,021	4,936
International Part Time	12	138	8	89
Domestic Contract Training	0	25	12	25
International Contract Training	0	0	0	0
Domestic Academic Upgrading	95	126	113	271
International Academic Upgrading	0	0	1	1
Full Time Staff			394	394
Part Time Staff	1,242			1,242
Total	**5,152**	**1,099**	**5,991**	**11,693**

6.7 Greenhouse Gas Reductions

Lambton College's waste diversion rate of 46% (campus wide) reveals that approximately 174.92 metric tons are diverted from landfill. This represents, on average, a reduction in its greenhouse gas emissions by 495 metric tons of CO_2 (carbon dioxide) equivalent per year or removing 107 passenger vehicles off the road (1, 2).

7.0 WASTE REDUCTION WORK PLAN

Figures 6-13 outline how the facility can improve on its waste diversion efforts and other KPIs. Please note that all opportunities to divert more from landfill include up to 100% capture rates for all paper and containers recyclables, followed by implementing an organics collection composting program for both internal (kitchen pre-consumed food and beverage waste) and external (post-consumed food and beverage waste) staff and students. Waste reduction/diversion plans are associated with improving waste diversion rates for each building and are outlined below (based on figures 6-13):

- **Campus Wide:** Improve waste diversion from 46% to 76% (Figure 6)
- **South Building:** Improve waste diversion from 54% to 80% (Figure 7)
- **Lambton INN Residence & Event Centre**: Improve waste diversion from 17% to 82% (Figure 8)
- **Fire & Public Safety Centre of Excellence (St. Clair Township Site):** Improve waste diversion from 69% to 78% (Figure 9)
- **North Building:** Improve waste diversion from 19% to 50% (Figure 10)
- **Skilled Trades Training Centre:** Improve waste diversion from 29% to 42% (Figure 11)
- **Community Employment Services (Petrolia Site):** Improve waste diversion from 38% to 78% (Figure 1)

It has been encouraged that Lambton College establish a campus-wide waste diversion rate of **60%** by 20230. This goal will also contribute in part to the college's greenhouse gas reduction road map and action plan (GHG RRAP) greenhouse gas reduction goal of 37% by 2030.

Please see Appendix C below for a listing of all Ministry of the Environment Waste Forms that are required under O. Reg. 102/94. These provide a comprehensive breakdown of waste materials diverted and opportunities to divert under Table VII (pg. 85).

Figure 6. Campus Wide Waste Diversion and Opportunity for Diversion Improvement

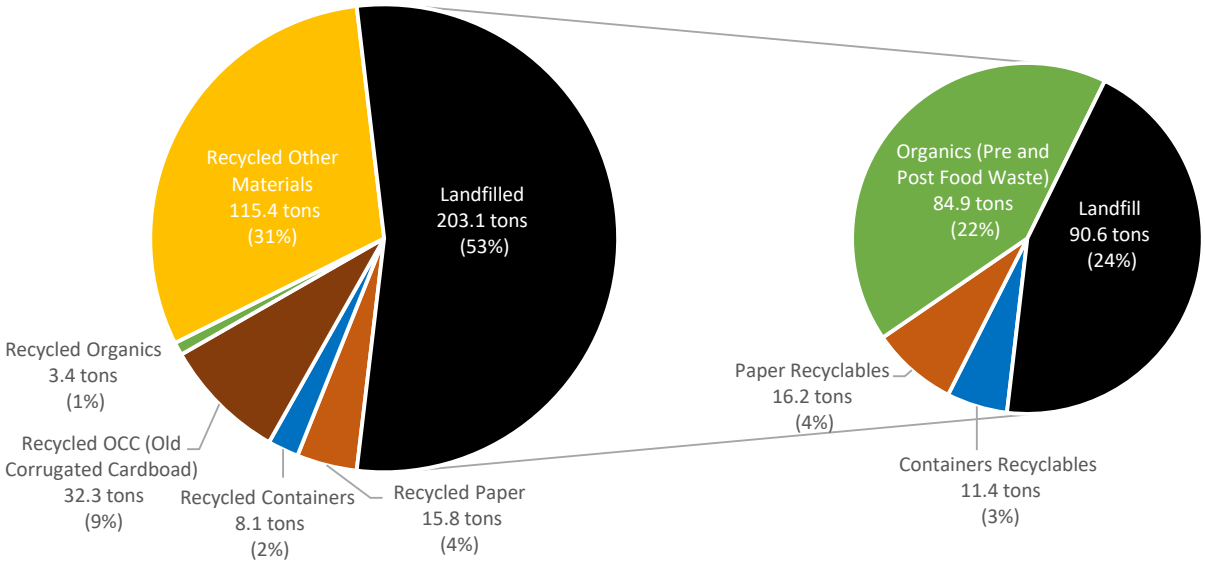


Figure 7. South Building Waste Diversion and Opportunity for Diversion Improvement

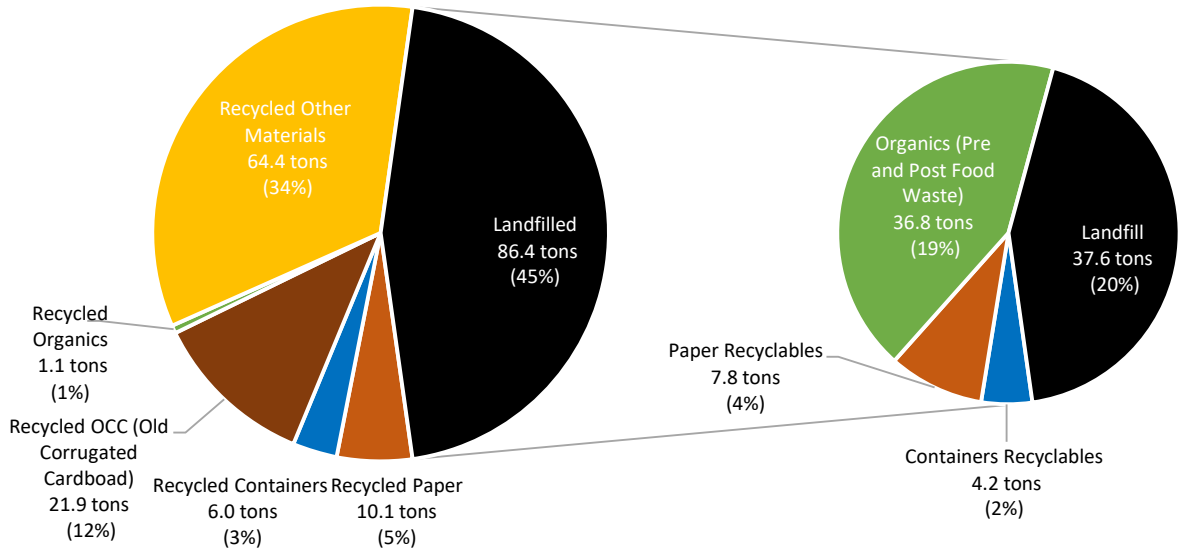


Figure 8. Lambton INN Residence & Event Centre Waste Diversion and Opportunity for Diversion Improvement

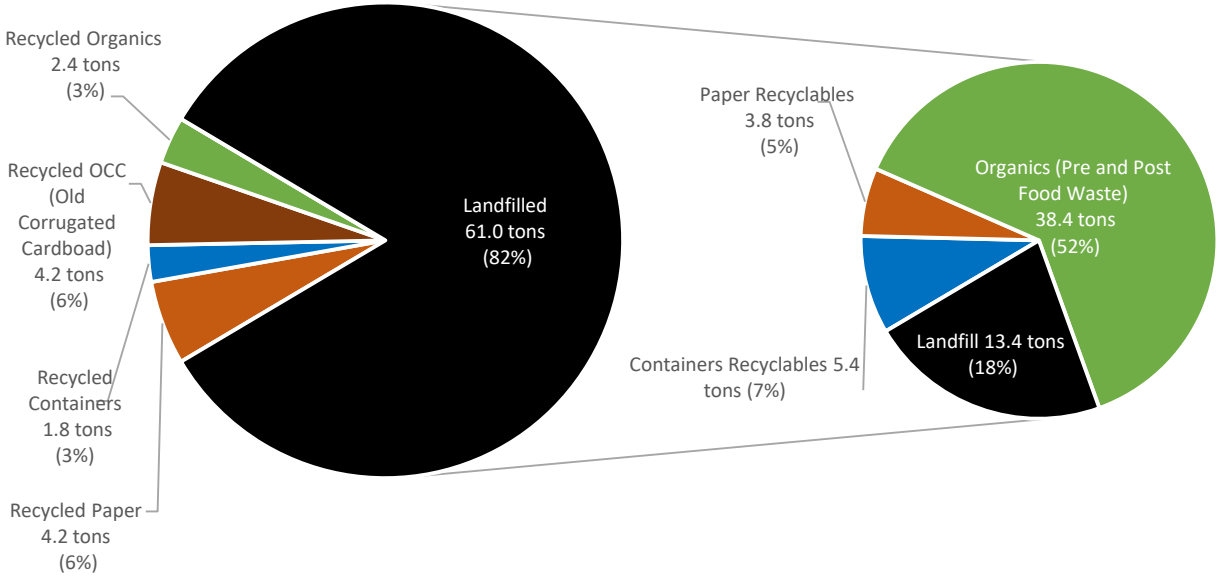


Figure 9. Fire & Public Safety Centre of Excellence (St. Clair Township Site) Waste Diversion and Opportunity for Diversion Improvement

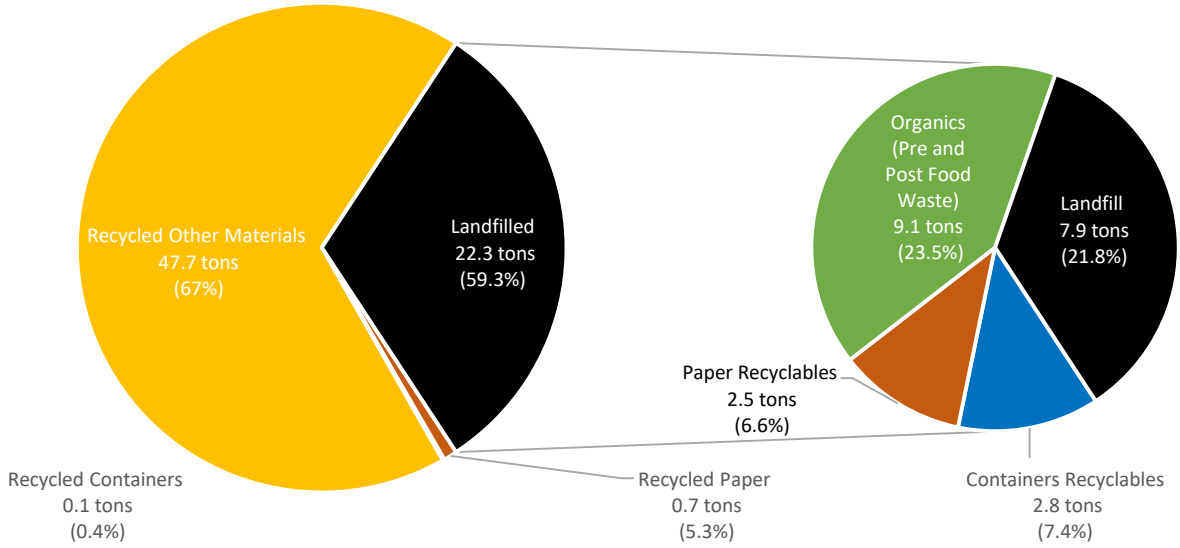


Figure 10. North Building Waste Diverison and Opportunity for Diversion Improvement

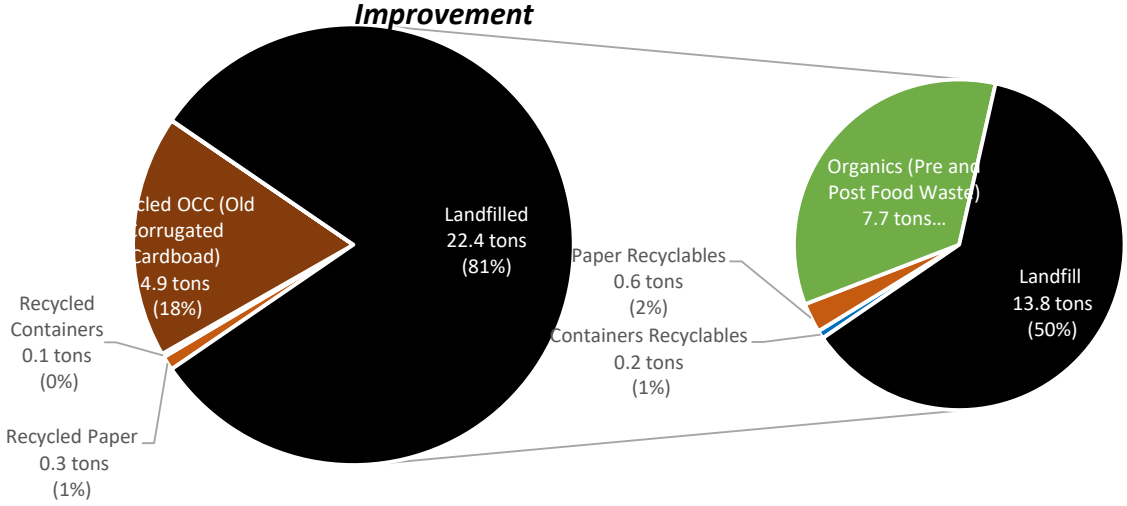


Figure 11. Skilled Trades Training Centre Waste Diversion and Opportunity for Diversion Improvement

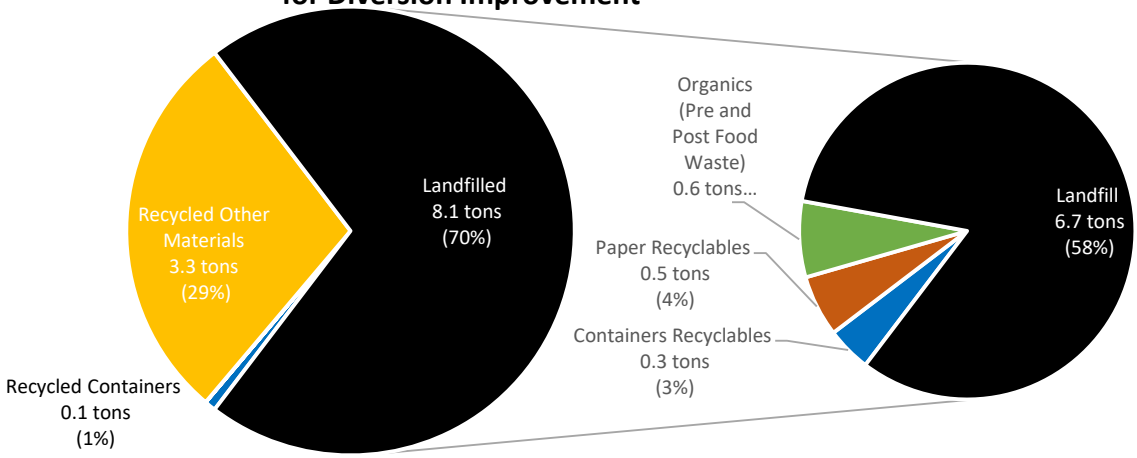
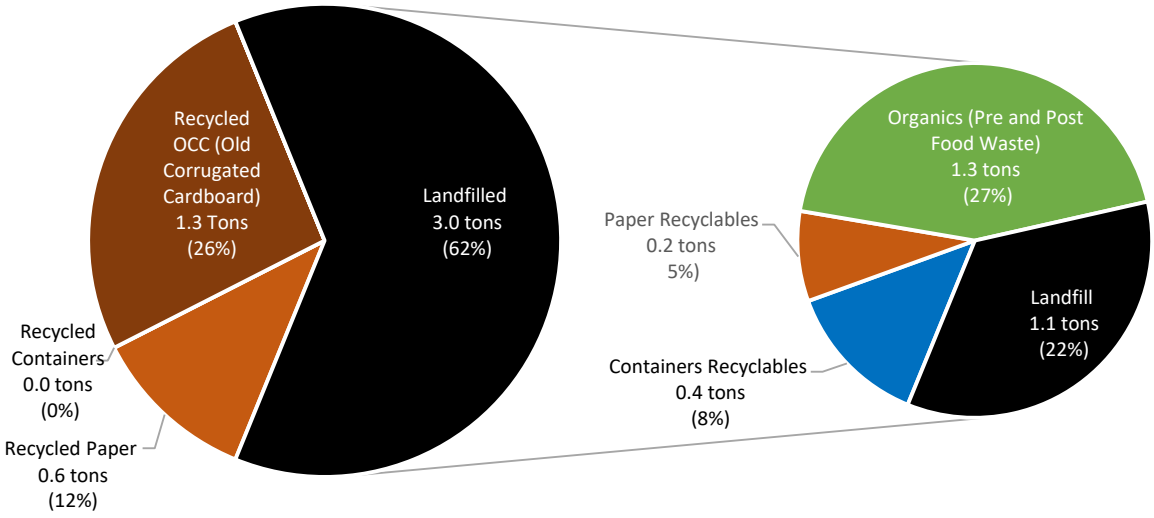


Figure 12. Community Employment Services (Petrolia Site) Waste Diversion and Opportunity for Diversion Improvement



8.0 WASTE MANAGEMENT STRATEGY

8.1 Lambton College's New Strategic Plan 2019-2024

Lambton College has their new strategic plan for 2019-2024 titled "Empowering Today, Shaping Tomorrow. This waste management strategy will properly align with the three pillars noted below:

1) **Our Students:** Prepare students in a world of constant economic, environmental, and social change.
   - The waste management industry is evolving rapidly and demand for increasing waste diversion will fluctuate based on market evaluation of products, exploring various waste collection distribution systems, and examining cost effective measures to help divert material from landfill.
   - Education, raising awareness and maintaining up-to-date information on waste and recycling will play a key part in its facilities and operations.
   - Use of TV screens, notices and newsletters, in-class presentations, campaigns and increasing app user experience will be acted upon.

2) **Our People:** Our people are highly valued and at the centre of a vibrant culture.
   - Developing a universal educational waste management strategy and waste reduction work plan will show the college's investment in the diversity of its people (I.e., coming from varying geographic locations, races, ethnicities, cultures, etc.).
   - All staff, faculty, students, and partners will contribute to the college's waste reduction work plan and waste management strategy by participating in online surveys. Here, their feedback will be acknowledged, reviewed by facilities personnel and decisions that reflect the community's feedback will be implemented to scale.
   - Valuing waste management will enhance the value of the people that contribute to it.

3) **Our Local and Global Community**: Promote inclusivity, fairness and understanding to prepare students for a complex and independent world.
   - The entire life cycle of waste management is on a global scale. Understanding its complexities will not only improve communication channels, education and awareness but also help to establish Lambton College as a leader in the waste and recycling sector.

Lambton College will do its best to maintain, improve and implement measures that are based on the 3Rs (ordered from most important to least): Reduce; Reuse and Recycle.

8.2 Reduce

The facility currently participates in the following reduction opportunities including, but not limited to:

- Some paper products (office computer paper, paper towels, and toilet paper) are made of recycled fibre materials.
- Some washrooms and change rooms use hand dryers instead of paper towel dispensers.

- Staff and students bringing in their own lunches with their own dishware and cutlery to reduce the use of disposables.
- Certain meetings and/or events use ceramic or other reusable dishes to reduce the use of disposables.
- Tim Horton's vendor in the cafeteria offers a reusable mug incentive to reduce the use of paper coffee cups.
- Staff and students programing their computerized device(s) to print on double-sided paper.

It has been encouraged that the facility expands on the following reduction opportunities including, but not limited to:

- Increase the use of double-sided printing to cut the use of printed paper by 50%.
- Discourage the use of purchased 0% recycled paper for office use (I.e., through Xerox or otherwise).
- Purchase of additional hand dryers for washrooms to reduce paper towel usage.
- Encourage food service staff to sell reusable coffee mugs at cashiers.
- Hosting "Waste-Free Lunch days."
- Increasing the use of "for here" dishware (I.e., ceramic plates and metal cutlery) for cafeteria use and Creation's lunch events on Thursdays and Fridays.
- Promote the use of reusable water bottles, estimate cost and reduction savings compared to purchasing bottled water.

8.3 Reuse

The facility currently participates in the following reuse opportunities including, but not limited to:

- Textbooks for Change Program: students and staff have the option to donate textbooks to third world countries.
- Wooded pallets (blue-colored) are reused and distributed.
- Wooded pallets (none-colored) are broken down, stripped and sold as firewood.
- Staff and students bring in reusable Tupperware containers, coffee mugs, etc. for lunches, coffee, etc.
- Some meetings use reusable dishware.
- Asset Surplus Sale.
- Printer inkjet/ toner cartridges exchange program.

It has been encouraged that the facility expands on the following reuse opportunities including, but not limited to:

- Increase the Textbooks for Change drop-off locations.
- Find additional vendors for blue-colored wooded pallets.
- Find additional vendors for non-colored wooded pallets.
- Improve the tracking and monitoring of all assets sold and distributed by the college.

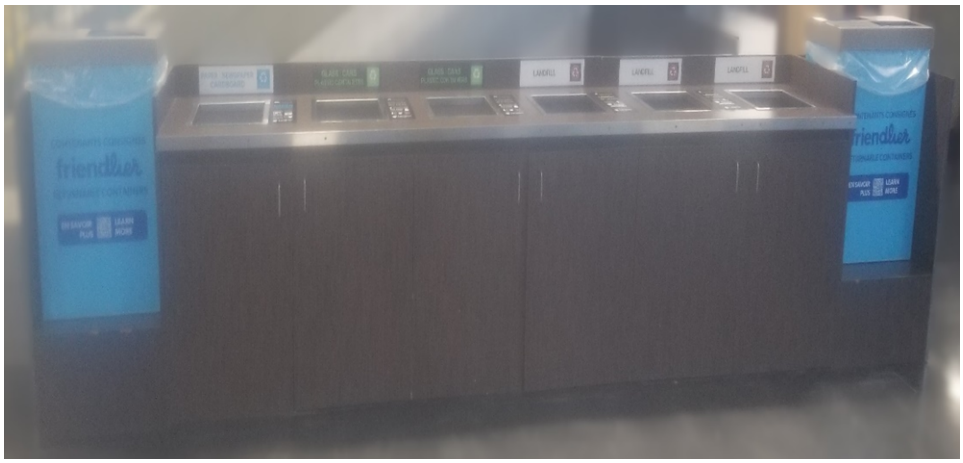
8.4 Recycle

Table 7 below shows the waste/ landfill and recycling streams for the thirteen room categories identified.

Table 7. Room Categories and Waste Collectibles at Lambton College

#	ROOM TYPE	WASTE STREAMS			
1	Cafeteria	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
2	Classroom	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
3	Gymnasium/ Fitness Centre	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
4	Hallway	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Glass, Cans & Plastic Containers	Landfill
5	Kitchen (Food and Beverage Prep)	Waste/Landfill	Paper Recycling	Containers Recycling	
6	Lounge/ Common Area	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
7	Office	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
8	Office - Lunch Room	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Glass, Cans & Plastic Containers	Landfill
9	Outdoor	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
10	Research Lab	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
11	Residence (Bedroom)	Paper, Newspaper & Cardboard	Glass, Cans & Plastic Containers	Landfill	
12	Shop	Landfill			
13	Washroom	Landfill			

Table 8 shows four photos and lists their areas where more than one waste stream is available on campus. All other areas (washrooms, kitchens, shops, residence rooms, etc.) have either one waste/landfill bin or a landfill bin plus a small blue bin for recycling (commingled or two-stream).

Table 8. Photos of Various Waste Streams by Room Area	
Room Type (s)	Photo
Classroom, Gymnasium, Office, Research Lab (All Buildings)	
Hallways, Office-Lunch Room, Student/ Staff Lunchrooms (All Buildings)	
Cafeteria(s), Student Lounge/ Common Area + Friendlier Reusable Take-Out Containers (South Building)	
Outdoor	 Building Entrances  West Mall

In addition, Lambton College recycles:

- Batteries
- Scrap Metal
- Hazardous Waste
- Wooded Pallets
- Leaf and Yard Waste
- Electronics
- Printer Toner and Inkjet Cartridges
- Construction and Demolition Recycling Programs
- Fluorescent light bulbs and non-PCB ballasts
- Kitchen oils/ grease for all food service vendors and culinary program
- Seasonal pre-consumer food waste composting program by the culinary program
- Plastic Containers #1-7 (except for #6 Expanded Styrofoam)
- Fountain Cups
- Coffee Cups (I.e., Tim Horton's and Starbucks)
- Cardboard Recycling program
- Multi-Material (Miscellaneous) products through Asset Disposal sale or other
- Pens, markers, highlighters, mechanical pencils

It has been encouraged that the facility expands on the following recycling/ waste diversion opportunities including, but not limited to:

- **Uniformity:** create a universal waste & recycling labelling bin system across campus. Depending on the bin system, three waste streams will be read left to right:
    - Paper, Newspaper & Cardboard – use of clear-lined plastic bags
    - Glass, Cans & Plastic Containers – use of clear-lined plastic bags
    - Landfill – use of black-lined plastic bags

- **Battery Recycling Expansion:** increase the number of drop-off depots. Currently, batteries can be collected by all staff and students at:
    - South Building – Facilities Management Office (B0-152)
    - Fire & Public Safety Centre of Excellence Building – Reception Desk
    - North Building – Ontario Early Years Centre (OEYC)

- **Organics/ Compost Collection Program**: develop a pre- and post- organics collection program to increase and/or develop a capture rate for pre- and post- food & beverage waste. Perform analysis on on-site composting vs. waste hauler system.

- **Ontario Electronic Stewardship (OES) Program:** develop a post-consumer electronic recycling program whereby staff and students can bring in unwanted electronics from home. Partnering with the Ontario Electronic Stewardship (OES) and/or Lambton College's student-run Phoenix Project is recommended.

- **New Waste Vendor Partnerships:** partner with new waste vendors/ haulers such as Terracycle for recycling normally non-recyclable materials such as wrappers, office supplies, cigarette butts/ ashes, pens and makers, etc.

- **LED Lighting Replacement:** replace all old fluorescent tube lighting with LEDs to increase light life-expectancy thereby reducing the number of fluorescent tube lights that get generated onsite and recycled annually.

- **Hazardous Waste Expansion:** in hazardous waste areas that seem grey, consider alternative options for non-identified hazardous waste materials to be recycled.

- **Waste Infrastructure Expansion:** where necessary, if the volume of captured recyclables exceeds the facility's capacity it has been recommended to install new recycling infrastructure such as a new recycling roll-off bin, purchasing of more recycling totes or other options to optimize but also minimally disrupt the student-staff experience.

- **Increase Training and Education for Housekeeping, Food Vendor, Student, Staff/ Faculty and Other Personnel:** for those that are responsible for collecting, handling and distributing various materials of waste receiving the proper training and education for all new stakeholders involved is imperative to increasing waste management best practices at the facility.

- **Integration within the Campus Environment:** continue to host campaigns, surveys, in-class presentations, and other promotional materials on an annual basis to encourage new and experienced staff, faculty, students, and visitors to participate in the facility's waste management best practices whereby up-to-date information will be provided.

APPENDIX A WASTE AUDIT
MATERIAL CATEGORY LIST

Table 1-A. Waste Category Descriptions

Material Category	Sorting Category	Item	Recyclable	Waste Stream	Potential Waste Stream	Potentially Recyclable
Paper	Office Paper	Ad mail	YES	Paper, Newspaper, Cardboard		
		Bills, Statements	YES	Paper, Newspaper, Cardboard		
		Copy Paper	YES	Paper, Newspaper, Cardboard		
		Office Paper	YES	Paper, Newspaper, Cardboard		
		Writing Paper	YES	Paper, Newspaper, Cardboard		
		Books (Hard covers removed)	YES	Paper, Newspaper, Cardboard		
		Printing Paper	YES	Paper, Newspaper, Cardboard		
		Fine Paper	YES	Paper, Newspaper, Cardboard		
		Kraft or Brown Envelopes	YES	Paper, Newspaper, Cardboard		
	Newspaper and Mixed Paper	Kraft Paper	YES	Paper, Newspaper, Cardboard		
		Coloured Paper	YES	Paper, Newspaper, Cardboard		
		Newspaper	YES	Paper, Newspaper, Cardboard		
		Phonebooks	YES	Paper, Newspaper, Cardboard		
		Other Newsprint-Type Materials	YES	Paper, Newspaper, Cardboard		
		Brown Wrapping Paper	YES	Paper, Newspaper, Cardboard		
		Magazines	YES	Paper, Newspaper, Cardboard		
		Flyers	YES	Paper, Newspaper, Cardboard		
		Paperback books	YES	Paper, Newspaper, Cardboard		
		Catalogues	YES	Paper, Newspaper, Cardboard		
	Boxboard	clean pizza boxes, cereal boxes, toiler paper tubes,	YES	Paper, Newspaper, Cardboard		
	Molded Pulp Containers	egg cartons, drink trays, etc.	YES	Paper, Newspaper, Cardboard	Organics	YES
	Cardboard	OCC (Old Corrugated Cardboard - large pizza boxes, bankers boxes, packing/shipping boxes, etc.)	YES	Paper, Newspaper, Cardboard		
	Polycoat/Aseptic Containers	Milk and juice cartons, Tetra Pak boxes, rinsed	YES	Glass, Cans, Plastic Containers		
	Paper Towels	Paper Towels, Tissue Paper, Napkins	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	YES
	Paper Cups	Paper Disposable Cups	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	YES
	Non-Recyclable Paper	Compostable Paper	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	YES
	Coffee Cups	Tim Horton's, Starbucks, etc. Coffee Cups	YES	Glass, Cans, Plastic Containers	Organics	YES
	Fountain Cups	Fast Food Cups (I.e., McDonald's, soft drinks, etc.)	YES	Glass, Cans, Plastic Containers		

Material Category	Sorting Category	Item	Recyclable	Waste Stream	Potential Waste Stream	Potentially Recyclable
Plastic	#1 (PET)	PET (#1) - Soft drink bottles, water bottles, juice bottles, liquor bottles, cooking oil bottles, peanut butter containers, dish soap bottles, mouth wash bottles, clear egg cartons, bakery, clamshells, trays, oven/ microwave trays	YES	Glass, Cans, Plastic Containers		
	#2 (HDPE)	Plastic juice, milk, laundry soap, shampoo, and windshield washer containers	YES	Glass, Cans, Plastic Containers		
	#3 (PVC)	squeeze bottles, shampoo bottles, mouthwash bottles, cooking oil and peanut butter jars, detergent and window cleaner bottles	YES	Glass, Cans, Plastic Containers		
	#4 (LDPE)	coatings for paper milk cartons and hot & cold beverage cups; some squeezable bottles (honey, mustard), food storage containers, container lids	YES	Glass, Cans, Plastic Containers		
	#5 (PP)	Food containers (ketchup, yogurt, cottage cheese, margarine, syrup, take-out), bottle caps, margarine tubs and lids	YES	Glass, Cans, Plastic Containers		
	#6 (PS)(Rigid)	Yogurt Containers, take-out plastic containers, Tim Horton's Plastic Ice Capps Containers	YES	Glass, Cans, Plastic Containers		
	#6 (PS) Expanded Foam)	Packing foam, take-out cups, plates, trays and containers	NO	Waste/ Landfill/ Non-Recyclable Waste	Glass, Cans, Plastic Containers	YES
	#7(Other)	Bioplastics, Baby bottles, sippy cups, water bottles, three- and five-gallon large water storage containers, metal food can liners, juice and ketchup containers, oven-baking bags, carbonless paper receipts	YES	Glass, Cans, Plastic Containers		
	Film Bags (#4)	Grocery bags and Other Recyclable Plastic Film (#2 and #4 Plastics)	YES	Glass, Cans, Plastic Containers (only if bundled)		
	Laminated Film	Non-Recyclable Film (e.g. chip bags, cling wrap, outer garbage bags etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste		
	Other Plastic	Plastic Products (Britta filters, CDs, DVDs, plastic shelving units, shower curtains, coffee pods, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste		
Glass	Food and Beverage (Clear and Coloured) Glass	Jars, Bottles etc purchased through food and beverage	YES	Glass, Cans, Plastic Containers		
	Other Glass	Other Glass and Broken Bottles from glass products	NO	Waste/ Landfill/ Non-Recyclable Waste		
Metal	Food and Beverage Cans	Foil wrap, plates and trays, beverage cans (i.e. pop), cans (food and beverage, empty paint cans)	YES	Glass, Cans, Plastic Containers (only if bundled)		
	Other Metal	Metal Products (hangers, rods, electronics, copper wiring, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste		

Material Category	Sorting Category	Item	Recyclable	Waste Stream	Potential Waste Stream	Potentially Recyclable
Organics	Pre-Consumer	Food Preparation Waste (Coffee Grinds, pre-service food from kitchen, culinary program, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	
	Post-Consumer	Food from Plate Scrapings and Lunch Bags (cafeterias, lounges, staff and student kitchens, banana and orange peels, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	YES
	Leaf and Yard Waste	Grass clippings, mulch, plants, etc.	NO	Waste/ Landfill/ Non-Recyclable Waste	Organics	YES
Wood	Wood Pallets	Wooden Shipping Pallets.	NO	Waste/ Landfill/ Non-Recyclable Waste	Wood Recycling	YES
	Other Wood	Other Wood Waste	NO	Waste/ Landfill/ Non-Recyclable Waste		YES
Electronics	Electronics	Computers, Electrical Equipment, etc.	NO	Waste/ Landfill/ Non-Recyclable Waste	Electronics Recycling	YES
	Cartridges	Printer and Toner Cartridges	NO	Waste/ Landfill/ Non-Recyclable Waste	Electronics Recycling	YES
Construction and Demolition	Construction and Demolition	Construction and Demolition Materials (mortar, cement, nailed wood, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste		YES
Miscellaneous	Office Supplies	Reusable	NO	Waste/ Landfill/ Non-Recyclable Waste	Donation	YES
	Office Supplies	Recyclable	NO	Waste/ Landfill/ Non-Recyclable Waste	Donation	YES
	Unclassified	Non-Classified Materials (i.e. multi-material objects like rope, brooms, etc.)	NO	Waste/ Landfill/ Non-Recyclable Waste	Donation	YES
	Washroom Waste	Feminine Hygiene Products, Diapers, etc.	NO	Waste/ Landfill/ Non-Recyclable Waste	Feminine Hygiene Waste	YES
	Textiles	Reusable	NO	Waste/ Landfill/ Non-Recyclable Waste	Donation	YES
	Textiles	Non-Reusable	NO	Waste/ Landfill/ Non-Recyclable Waste	Donation	YES
Hazardous	Batteries	Rechargeable and Non-Rechargeable	YES	Battery Recycling Tubs on campus		
	Fluorescent Bulbs	Tubes and Compact bulbs	YES	Blue box in Shipping and Receiving		
	Other hazardous Waste	Paints, Full Aerosols, Medical Waste etc.	NO	Hazardous Waste	Hazardous Waste Recycling at Clean Harbours	YES

APPENDIX B DETAILED WASTE DATA

Table 1-B. Annual Waste Haulage Records for Lambton College by Campus Site (generated from April 1, 2023 to March 31, 2024) (2024Fiscal) (without adjusting for contamination)

	Annual Haulage Records (MT)										
Waste Material	**LI**	**SB**	**SSC**	**STTC**	**CES**	**FS**	**ITC**	**NB**	**SH**	**Western (BTAC)**	**Total**
Recycled Paper	6.34	9.83	0.00	0.00	0.83	0.98	0.00	0.44	0.00	0.00	18.42
Confidential Paper	0.00	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60
Containers	3.81	12.53	0.00	0.20	0.00	0.16	0.00	0.15	0.00	0.00	16.84
OCC (Old Corrugated Cardboad)	4.16	21.92	0.00	0.00	1.28	0.00	0.00	4.92	0.00	0.00	32.28
Organics	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
Flourescent Bulbs	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
Batteries	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Electronics	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90
Printer Cartridges and Toner Cartridges	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
Wood Pallets	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
Hazardous Waste	0.00	16.73	0.00	0.00	0.00	47.73	0.00	0.00	0.00	0.00	64.47
Scrap Metal	0.00	15.49	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	18.75
Landfill	56.89	76.54	0.00	8.00	2.75	21.85	0.00	22.14	0.00	0.00	188.17
C&D (Construction & Demolition) - Diverted	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOG (Fats, Oils and Grease) - Diverted	1.49	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54
Miscellaneous (multi-material) - Diverted	0.00	28.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.01
Total	**73.55**	**189.83**	**0.00**	**11.46**	**4.86**	**70.72**	**0.00**	**27.65**	**0.00**	**0.00**	**378.07**

LI - Lambton INN Residence & Event Centre
SB - South Building
SSC - Suncor Sustainability Centre
STTC - Skilled Trades Training Centre
CES - Community Employment Services (Petrolia Site)
FS - Fire School (St. Clair Township Site)
ITC - Industrial Training Centre (St. Clair Township Site)
NB - North Building
SH - Smarthouse

Table 2-B. Gross Waste Generation at Lambton College and its associated audited sites organized by building area

GROSS WEIGH-IN (ALL LAMBTON COLLEGE CAMPUSES AND BUILDINGS)

	Bag Weights Categories Day Totals (Kg)						Annual Waste Totals Categories (combines sorting categories and waste haulage totals) (MT)											
Waste Generation Location	Landfill	Paper	Containers	OCC	Organics	Total	Landfill	Paper	Containers	OCC	Organics	Metal	Wood	Electronics	Hazardous	C&D	Misc.	Total
LI - Classroom		0.2				0.2	0.00	0.07	0.00	0.00								0.07
LI - Hallway			0.05			0.05	0.00	0.00	0.02	0.00								0.02
LI - Kitchen (Food and Beverage Prep)						0	0.00	0.00	0.00	0.00								0.00
LI - Lounge/ Common Area						0	0.00	0.00	0.00	0.00								0.00
LI - Office						0	0.00	0.00	0.00	0.00								0.00
LI - Outdoor						0	0.00	0.00	0.00	0.00								0.00
LI - Residence (Bedroom)						0	0.00	0.00	0.00	0.00								0.00
LI - Washroom	1.2					1.2	0.42	0.00	0.00	0.00								0.42
SB - Cafeteria	12.2	2.2	8.6			23	4.22	0.76	2.98	0.00								7.96
SB - Classroom	24.23	0.12	1.15			25.5	8.38	0.04	0.40	0.00								8.82
SB - Gym/ Fitness Centre	0.07	0.06	0.82			0.95	0.02	0.02	0.28	0.00								0.33
SB - Hallway	27.4	1.4	6.5			35.3	9.48	0.48	2.25	0.00								12.21
SB - Kitchen (Food and Beverage Prep)	3.8					3.8	1.31	0.00	0.00	0.00								1.31
SB - Lounge/ Common Area		0.01				0.01	0.00	0.00	0.00	0.00								0.00
SB - Office	13.81	0.94	1.14			15.89	4.78	0.33	0.39	0.00								5.50
SB - Office - Lunch Room			1			1	0.00	0.00	0.35	0.00								0.35
SB - Outdoor	8.2		1.6			9.8	2.84	0.00	0.55	0.00								3.39
SB - Research Lab	1.13	0.01	0.03			1.17	0.39	0.00	0.01	0.00								0.40
SB - Washroom	11.4					11.4	3.94	0.00	0.00	0.00								3.94

	Bag Weights Categories Day Totals (Kg)						Annual Waste Totals Categories (combines sorting categories and waste haulage totals) (MT)											
Waste Generation Location	Landfill	Paper	Containers	OCC	Organics	Total	Landfill	Paper	Containers	OCC	Organics	Metal	Wood	Electronics	Hazardous	C&D	Misc.	Total
SSC - Classroom																		0.00
SSC - Hallway																		0.00
SSC - Lounge/ Common Area																		0.00
SSC - Office																		0.00
SSC - Office - Lunch Room																		0.00
SSC - Outdoor																		0.00
SSC - Washroom																		0.00
STTC - Classroom	0.3					0.3	0.10	0.00	0.00	0.00								0.10
STTC - Hallway	0.1	0.1	0.5			0.7	0.03	0.03	0.17	0.00								0.24
STTC - Lounge/ Common Area	0.92					0.92	0.32	0.00	0.00	0.00								0.32
STTC - Office	0.2	9.3				9.5	0.07	3.22	0.00	0.00								3.29
STTC - Office - Lunch Room						0	0.00	0.00	0.00	0.00								0.00
STTC - Outdoor	1.5					1.5	0.52	0.00	0.00	0.00								0.52
STTC - Shop	2.6					2.6	0.90	0.00	0.00	0.00								0.90
STTC - Washroom	1.8					1.8	0.62	0.00	0.00	0.00								0.62
CES - Classroom						0	0.00	0.00	0.00	0.00								0.00
CES - Hallway						0	0.00	0.00	0.00	0.00								0.00
CES - Lounge/ Common Area						0	0.00	0.00	0.00	0.00								0.00
CES - Office			3.7			3.7	0.00	0.00	1.28	0.00								1.28
CES - Office - Lunch Room	3.3		0.4			3.7	1.14	0.00	0.14	0.00								1.28
CES - Washroom	0.4					0.4	0.14	0.00	0.00	0.00								0.14
							0.00	0.00	0.00	0.00								0.00

	Sorting Categories Day Totals (Kg)						Annual Waste Totals Categories (combines sorting categories and waste haulage totals) (MT)											
Waste Generation Location	**Landfill**	**Paper**	**Containers**	**OCC**	**Organics**	**Total**	**Landfill**	**Paper**	**Containers**	**OCC**	**Organics**	**Metal**	**Wood**	**Electronics**	**Hazardous**	**C&D**	**Misc.**	**Total**
FS - Cafeteria	1.50	0.10	2.50			4.10	0.52	0.03	0.87	0.00								1.42
FS - Classroom	4.20					4.20	1.45	0.00	0.00	0.00								1.45
FS - Hallway	0.20		0.70			0.90	0.07	0.00	0.24	0.00								0.31
FS - Lounge/ Common Area	0.90		0.60			1.50	0.31	0.00	0.21	0.00								0.52
FS - Office	0.50					0.50	0.17	0.00	0.00	0.00								0.17
FS - Office - Lunch Room						0.00	0.00	0.00	0.00	0.00								0.00
FS - Washroom	1.20					1.20	0.42	0.00	0.00	0.00								0.42
ITC - Classroom						0.00	0.00	0.00	0.00	0.00								0.00
ITC - Office						0.00	0.00	0.00	0.00	0.00								0.00
ITC - Office - Lunch Room						0.00	0.00	0.00	0.00	0.00								0.00
ITC - Washroom						0.00	0.00	0.00	0.00	0.00								0.00
NB - Classroom		0.20				0.20	0.00	0.07	0.00	0.00								0.07
NB - Hallway	1.30	0.01	0.20			1.51	0.45	0.00	0.07	0.00								0.52
NB - Lounge/ Common Area	1.42					1.42	0.49	0.00	0.00	0.00								0.49
NB - Office	0.80					0.80	0.28	0.00	0.00	0.00								0.28
NB - Office - Lunch Room	0.01	0.10				0.11	0.00	0.03	0.00	0.00								0.04
NB - Outdoor						0.00	0.00	0.00	0.00	0.00								0.00
NB - Washroom	0.90					0.90	0.31	0.00	0.00	0.00								0.31
SH - Hallway						0.00	0.00	0.00	0.00	0.00								0.00
SH - Office						0.00	0.00	0.00	0.00	0.00								0.00
SH - Research Lab						0.00	0.00	0.00	0.00	0.00								0.00
SH - Washroom						0.00	0.00	0.00	0.00	0.00								0.00
Sub-Total	**127.49**	**14.75**	**29.49**	**0.00**	**0.00**	**171.73**	**44.11**	**5.10**	**10.20**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**59.42**

	Annual Waste Totals Categories (combines sorting categories and waste haulage totals) (MT)											
	Landfill	Paper	Containers	OCC	Organics	Metal	Wood	Electronics	Hazardous	C&D	Misc.	Total
	Annual Haulage Records + Adjustments (MT)											
Paper Contamination	6.20	-6.20										
Containers Contamination	8.78		-8.78									
OCC Contamination				32.28								
Organics Contamination												
Recycled Paper		13.32										
Confidential Paper		3.60										
Containers			6.63									
OCC (Old Corrugated Cardboard)												
Organics					0.86							
Fluorescent Bulbs									0.29			
Batteries									0.02			
Electronics								2.90				
Printer Cartridges and Toner Cartridges								0.70				
Wood Pallets							0.22					
Hazardous Waste									64.47			
Scrap Metal						18.75						
C&D (Construction & Demolition) - Diverted										0.00		
FOG (Fats, Oils and Grease) - Diverted					2.54							
Miscellaneous (multi-material) - Diverted											28.01	
Landfill	144.06											
Sub-Total	159.04	10.72	-2.15	32.28	3.40	18.75	0.22	3.60	64.78	0.00	28.01	**318.65**
GRAND TOTAL	203.15	15.83	8.06	32.28	3.40	18.75	0.22	3.60	64.78	0.00	28.01	***378.07***

Total Audit Days: 2

LANDFILL: 203.15
DIVERTED: 174.92
CONTAMINATION: 14.98
TOTAL: 378.07

Estimated Waste Diversion Rate (omitting NB demolition site and SB vehicle Adjusting for Contamination): **46.27%**

Estimated Annual Quantities Based On: 346 Days/ Year

LANDFILL: 203.15
DIVERTED: 174.92
CONTAMINATION: 14.98
TOTAL: **378.07**

Table 3-B. Campus Wide Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria	67.3	6.5	0.0			73.8
Classroom	52.7	6.0	9.6			68.3
Common Area	11.6	1.1	0.4			13.1
Gym	2.5	2.1	0.4			5.0
Hallway	51.1	8.4	1.8	1.7		63.0
Kitchen (Food and Beverage Prep)	205.9	0.8	0.0	2.3		209.0
Office	32.8	3.5	27.9	24.9		89.1
Office-Lunch Room	5.7	3.4	0.0	0.0		9.1
Outdoor	106.7	5.7	1.6	0.0		114.0
Research Labs	2.3	0.0	0.0	0.0		2.3
Residence Rooms	45.7			0.0		45.7
Shops	5.3		0.0	0.0		5.3
Washroom	37.2			0.0		37.2
Total	**626.8**	**37.5**	**41.7**	**28.9**	**0.0**	**734.9**

Table 4-B. Daily South Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria	65.9	6.5				72.4
Classroom	42.6	4.5	7.2			54.3
Common Area	11.2	1.1	0.2			12.5
Gym	2.5	2.1	0.4			5
Hallway	35.5	6.3	1.5	1.7		45
Kitchen (Food and Beverage Prep)	170.8	0.8		2.3		173.9
Office	21.3	1.5	15.9	24.9		63.6
Office-Lunch Room	5	1				6
Outdoor	92.7	5.7	1.6			100
Research Labs	2.3					2.3
Shops	3.8					3.8
Washroom	32.2					32.2
Total	**482**	**29.5**	**26.8**	**28.9**	**0**	**571.0**

Table 5-B. Lambton INN Residence & Event Centre Centre Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria						0.0
Classroom		1.1				1.1
Common Area	0.3					0.3
Gym						0.0
Hallway	1.1	1.6				2.7
Kitchen (Food and Beverage Prep)	35.1					35.1
Office	0.3					0.3
Office-Lunch Room						0.0
Outdoor	12.1					12.1
Research Labs						0.0
Residence Rooms	45.7					45.7
Shops						0.0
Washroom	2.2					2.2
Total	**96.8**	**2.7**	**0.0**	**0.0**	**0.0**	**99.5**

Table 6-B. Daily Fire & Public Safety Centre of Excellence Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria	1.4					1.4
Classroom	4.6		1.4			6
Common Area						0
Gym						0
Hallway	13.9	0.2				14.1
Kitchen (Food and Beverage Prep)						0
Office	0.5		9.5			10
Office-Lunch Room						0
Outdoor						0
Research Labs						0
Washroom	0.6					0.6
Total	**21**	**0.2**	**10.9**	**0**	**0**	**32.1**

Table 7-B. Daily North Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria						0.0
Classroom	2.5	0.4	1.0			3.9
Common Area	0.1					0.1
Gym						0.0
Hallway	0.6	0.2	0.3			1.1
Kitchen (Food and Beverage Prep)						0.0
Office	6.7	0.7	2.5			9.9
Office-Lunch Room						0.0
Outdoor	1.9					1.9
Research Labs						0.0
Washroom	1.3					1.3
Total	**13.1**	**1.3**	**3.8**	**0.0**	**0.0**	**18.2**

Table 8-B. Skilled Trades Training Centre Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria						0.0
Classroom	0.4					0.4
Common Area						0.0
Gym						0.0
Hallway		0.1				0.1
Kitchen (Food and Beverage Prep)						0.0
Office						0.0
Office-Lunch Room						0.0
Outdoor						0.0
Research Labs						0.0
Shops	1.5					1.5
Washroom	0.5					0.5
Total	**2.4**	**0.1**	**0.0**	**0.0**	**0.0**	**2.5**

Table 10-B. Daily Community Employment Services (Petrolia Site) Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Classroom	2.6					2.6
Office	4	1.3				5.3
Office-Lunch Room	0.7	2.4				3.1
Washroom	0.4					0.4
Total	**7.7**	**3.7**	**0**	**0**	**0**	**11.4**

*** Note: These values were calculated on the 4-day audit sort only (2017-2018 WA & WRWP). They do not take into account contamination. Since this site generates so minimal waste, the containers and paper streams are commingled and so the containers weights will include the paper recycling weights.**

Table 9-B. Suncor Sustainability Centre Building Waste Stream Composition by Area Type

	Waste Stream Generation (Kg/ Day)					
Area	Landfill	Containers	Paper	OCC (Old Corrugated Cardboard)	Organics	Total
Cafeteria						0.0
Classroom						0.0
Common Area						0.0
Gym						0.0
Hallway						0.0
Kitchen (Food and Beverage Prep)						0.0
Office						0.0
Office-Lunch Room						0.0
Outdoor						0.0
Research Labs						0.0
Shops						0.0
Washroom						0.0
Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Lambton INN Residence & Event Centre Landfill Sort

Sorting Date/ Time	Location			Stream	Recyclable On Campus	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	RES - Landfill					
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	RES - Landfill	Total	Total		YES/NO	YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
Office Paper	0.01	0.01	3.46	Paper	YES	YES
Newspaper and Mixed Paper	0.15	0.15	51.90	Paper	YES	YES
Boxboard	0.15	0.15	51.90	Paper	YES	YES
Molded Pulp Containers		0.00	0.00	Paper	YES	YES
Cardboard (OCC)		0.00	0.00	Paper	YES	YES
Polycoat/Aseptic Containers		0.00	0.00	Containers	YES	YES
#1 (PET)		0.00	0.00	Containers	YES	YES
#2 (HDPE)		0.00	0.00	Containers	YES	YES
#3 (PVC)		0.00	0.00	Containers	YES	YES
#4 (LDPE)		0.00	0.00	Containers	YES	YES
#5 (PP)		0.00	0.00	Containers	YES	YES
#6 (PS)(Rigid)	0.10	0.10	34.60	Containers	YES	YES
#7 (Other)		0.00	0.00	Containers	YES	YES
Food and Beverage Cans	0.01	0.01	3.46	Containers	YES	YES
Food and Beverage (Clear and Coloured) Glass		0.00	0.00	Containers	YES	YES
Office Supplies (Recyclable)		0.00	0.00	Containers	YES	YES
Coffee Cups	0.10	0.10	34.60	Containers	YES	YES
Fountain Cups		0.00	0.00	Containers	YES	YES
Paper Towels	0.30	0.30	103.80	Waste / Landfill	NO	YES
Paper Cups		0.00	0.00	Waste / Landfill	NO	NO
Non-Recyclable Paper	0.01	0.01	3.46	Waste / Landfill	NO	NO
Loose Film Bags (#4)	0.01	0.01	3.46	Waste / Landfill	NO	NO
Laminated Film		0.00	0.00	Waste / Landfill	NO	NO
Other Plastic	0.05	0.05	17.30	Waste / Landfill	NO	NO
Other Glass		0.00	0.00	Waste / Landfill	NO	NO
Other Metal		0.00	0.00	Waste / Landfill	YES	YES
Pre-Consumer Food and Beverage	0.10	0.10	34.60	Waste / Landfill	NO	YES
Post-Consumer Food and Beverage		0.00	0.00	Waste / Landfill	NO	YES
Wood Pallets		0.00	0.00	Waste / Landfill	NO	NO
Other Wood	0.01	0.01	3.46	Waste / Landfill	NO	NO
Electronics		0.00	0.00	Waste / Landfill	YES	YES
Cartridges		0.00	0.00	Waste / Landfill	YES	YES
Construction and Demolition		0.00	0.00	Waste / Landfill	NO	NO
Office Supplies (Reusable)		0.00	0.00	Waste / Landfill	NO	NO
Unclassified	0.20	0.20	69.20	Waste / Landfill	NO	NO
Washroom Waste		0.00	0.00	Waste / Landfill	NO	NO
Textiles (Reusable)		0.00	0.00	Waste / Landfill	YES	YES
Textiles (Non-Reusable)		0.00	0.00	Waste / Landfill	NO	NO
Batteries		0.00	0.00	Waste / Landfill	YES	YES
Fluorescent Bulbs		0.00	0.00	Waste / Landfill	YES	YES
Other hazardous Waste		0.00	0.00	Waste / Landfill	YES	YES
Leaf and Yard Waste		0.00	0.00	Waste / Landfill	YES	YES
#6 (PS) (Expanded Foam)		0.00	0.00	Waste / Landfill	NO	NO
Total (Kg)	1.20	1.20	415.20			
Total Bag Weights (Kg)	1.20	1.20	415.20			
Percentage of Bag Weights Sorted (Kg)	100.00%	100.00%	100.00%			

Fire & Public Safety Centre of Excellence Landfill Sort

Sorting Date / Time	Location							
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	Cafeteria	Locker Room (Washroom)	Changeroom (Washroom)	Washroom	Hallway	Classroom	Classroom	Office
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)
Office Paper	0.2			0.01	0.02			0.01
Newspaper and Mixed Paper	0.01			0.06	0.01	0.1		
Boxboard	0.01			0.2	0.01	0.5		0.2
Molded Pulp Containers								
Cardboard (OCC)								
Polycoat/Aseptic Containers								
#1 (PET)	0.01					0.01	0.1	0.01
#2 (HDPE)								
#3 (PVC)								
#4 (LDPE)								
#5 (PP)	0.01				0.01	0.2	0.05	0.01
#6 (PS) (Rigid)	0.01			0.01		0.11	0.05	
#7 (Other)								
Food and Beverage Cans	0.02				0.01		0.02	
Food and Beverage (Clear and Coloured) Glass						0.15		0.022
Office Supplies (Recyclable)								
Coffee Cups	0.02			0.1		0.22		
Fountain Cups								
Paper Towels	0.01	0.08	0.1	0.4	0.01	0.01	0.02	0.01
Paper Cups						0.1		
Non-Recyclable Paper						0.022		
Loose Film Bags (#4)	0.01	0.01			0.01	0.21	0.01	0.02
Laminated Film	0.01			0.02	0.01	0.01		0.01
Other Plastic								
Other Glass	0.6							
Other Metal								
Pre-Consumer Food and Beverage	0.3			0.08		1.2	0.44	0.208
Post-Consumer Food and Beverage					0.01			
Wood Pallets								
Other Wood						0.2	0.01	
Electronics								
Cartridges								
Construction and Demolition								
Office Supplies (Reusable)								
Unclassified	0.03			0.02	0.1		0.1	
Washroom Waste		0.01						
Textiles								
Textiles								
Batteries								
Fluorescent Bulbs								
Other hazardous Waste								
Leaf and Yard Waste								
#6 (PS) (Expanded Foam)								
Total (Kg)	1.25	0.1	0.1	0.9	0.2	3.042	0.8	0.5
Total Bag Weights (Kg)	1.50	0.10	0.10	0.90	0.20	3.40	0.80	0.50
Percentage of Bag Weights Sorted (%)	83.33%	100.00%	100.00%	100.00%	100.00%	89.47%		

Fire & Public Safety Centre of Excellence Landfill Sort

Sorting Date/Time	Location				Stream	Recyclable On Campus	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	Washroom	Outdoor					
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
Office Paper			0.24	83.04	Paper	YES	YES
Newspaper and Mixed Paper			0.18	62.28	Paper	YES	YES
Boxboard		0.005	0.925	320.05	Paper	YES	YES
Molded Pulp Containers			0	0	Paper	YES	YES
Cardboard (OCC)			0	0	Paper	YES	YES
Polycoat/Aseptic Containers			0	0	Containers	YES	YES
#1 (PET)		0.005	0.135	46.71	Containers	YES	YES
#2 (HDPE)			0	0	Containers	YES	YES
#3 (PVC)			0	0	Containers	YES	YES
#4 (LDPE)			0	0	Containers	YES	YES
#5 (PP)			0.28	96.88	Containers	YES	YES
#6 (PS)(Rigid)		0.05	0.18	62.28	Containers	YES	YES
#7 (Other)			0	0	Containers	YES	YES
Food and Beverage Cans			0.05	17.3	Containers	YES	YES
Food and Beverage (Clear and Coloured) Glass			0.172	59.512	Containers	YES	YES
Office Supplies (Recyclable)			0	0	Containers	YES	YES
Coffee Cups		0.04	0.34	117.64	Containers	YES	YES
Fountain Cups			0	0	Containers	YES	YES
Paper Towels			0.64	221.44	Waste/ Landfill	NO	YES
Paper Cups			0.1	34.6	Waste/ Landfill	NO	NO
Non-Recyclable Paper			0.022	7.612	Waste/ Landfill	NO	NO
Loose Film Bags (#4)	0.01		0.28	96.88	Waste/ Landfill	NO	NO
Laminated Film			0.06	20.76	Waste/ Landfill	NO	NO
Other Plastic			0	0	Waste/ Landfill	NO	NO
Other Glass			0.6	207.6	Waste/ Landfill	NO	NO
Other Metal			0	0	Waste/ Landfill	YES	YES
Pre-Consumer Food and Beverage		0.2	2.228	770.888	Waste/ Landfill	NO	YES
Post-Consumer Food and Beverage		0.4	0.01	3.46	Waste/ Landfill	NO	YES
Wood Pallets			0	0	Waste/ Landfill	NO	NO
Other Wood			0.21	72.66	Waste/ Landfill	NO	NO
Electronics			0	0	Waste/ Landfill	YES	NO
Cartridges			0	0	Waste/ Landfill	YES	NO
Construction and Demolition			0	0	Waste/ Landfill	NO	NO
Office Supplies (Reusable)			0	0	Waste/ Landfill	NO	NO
Unclassified		0.2	0.25	86.5	Waste/ Landfill	NO	NO
Washroom Waste			0.01	3.46	Waste/ Landfill	NO	NO
Textiles			0	0	Waste/ Landfill	YES	YES
Textiles			0	0	Waste/ Landfill	NO	NO
Batteries			0	0	Waste/ Landfill	YES	YES
Fluorescent Bulbs			0	0	Waste/ Landfill	YES	YES
Other hazardous Waste			0	0	Waste/ Landfill	YES	YES
Leaf and Yard Waste			0	0	Waste/ Landfill	YES	YES
#6 (PS) (Expanded Foam)			0	0	Waste/ Landfill	NO	NO
Total (Kg)	0.01	0.9	6.912	2,391.55			
Total Bag Weights (Kg)	0.10	0.90	8.50	2,941.00			
Percentage of Bag Weights Sorted (Kg)			81.32%	81.32%			

North Building Landfill Sort

Sorting Date/ Time	Location							
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	NB Lounge Second Floor (Cafeteria)	NB OEYC Kitchen (Classroom)	NB - Classroom	NB - Washroom	Thames Valley Children's Centre (Classroom)	NB OEYC (Classroom)	NB Offices (Second Floor)	NB Hallway
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)
Office Paper							0.2	
Newspaper and Mixed Paper			0.01				0.005	0.2
Boxboard					0.01			0.1
Molded Pulp Containers			0.02					
Cardboard (OCC)								
Polycoat/Aseptic Containers								
#1 (PET)	0.009		0.01				0.005	
#2 (HDPE)								
#3 (PVC)								
#4 (LDPE)								
#5 (PP)				0.08			0.005	
#6 (PS) (Rigid)			0.01				0.005	0.01
#7 (Other)								
Food and Beverage Cans							0.005	
Food and Beverage (Clear and Coloured) Glass								
Office Supplies (Recyclable)								
Coffee Cups			0.01				0.005	0.01
Fountain Cups								
Paper Towels		0.009		0.3	0.02	0.2	0.08	0.6
Paper Cups								
Non-Recyclable Paper			0.02	0.02				0.01
Loose Film Bags (#4)	0.001			0.1			0.1	
Laminated Film		0.001	0.3			0.01	0.1	
Other Plastic							0.005	0.005
Other Glass								
Other Metal								
Pre-Consumer Food and Beverage						0.7	0.2	
Post-Consumer Food and Beverage				0.1				
Wood Pallets								
Other Wood			0.02				0.005	
Electronics								
Cartridges								
Construction and Demolition								
Office Supplies (Reusable)								
Unclassified						0.01	0.08	0.1
Washroom Waste				0.3				
Textiles								
Textiles								
Batteries								
Fluorescent Bulbs								
Other hazardous Waste								
Leaf and Yard Waste								
#6 PS (Expanded Foam)								
Total (Kg)	0.01	0.01	0.4	0.9	0.03	0.92	0.8	1.036
Total Bag Weights (Kg)	0.01	0.07	0.40	0.90	0.03	0.92	0.80	1.30
Percentage of Bag Weights Sorted (Kg)	100.00%	14.29%	100.00%	100.00%	100.00%	100.00%	100.00%	79.62%

North Building Landfill Sort

Sorting Date/Time			Stream	Recyclable On Campus	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)					
Sorting Item	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
Office Paper	0.2	69.2	Paper	YES	YES
Newspaper and Mixed Paper	0.215	74.39	Paper	YES	YES
Boxboard	0.11	38.06	Paper	YES	YES
Molded Pulp Containers	0.02	6.92	Paper	YES	YES
Cardboard (OCC)	0	0	Paper	YES	YES
Polycoat/Aseptic Containers	0	0	Containers	YES	YES
#1 (PET)	0.024	8.304	Containers	YES	YES
#2 (HDPE)	0	0	Containers	YES	YES
#3 (PVC)	0	0	Containers	YES	YES
#4 (LDPE)	0	0	Containers	YES	YES
#5 (PP)	0.085	29.41	Containers	YES	YES
#6 (PS)(Rigid)	0.025	8.65	Containers	YES	YES
#7 (Other)	0	0	Containers	YES	YES
Food and Beverage Cans	0.005	1.73	Containers	YES	YES
Food and Beverage (Clear and Coloured) Glass	0	0	Containers	YES	YES
Office Supplies (Recyclable)	0	0	Containers	YES	YES
Coffee Cups	0.025	8.65	Containers	YES	YES
Fountain Cups	0	0	Containers	YES	YES
Paper Towels	1.209	418.314	Waste/ Landfill	NO	YES
Paper Cups	0	0	Waste/ Landfill	NO	NO
Non-Recyclable Paper	0.05	17.3	Waste/ Landfill	NO	NO
Loose Film Bags (#4)	0.201	69.546	Waste/ Landfill	NO	NO
Laminated Film	0.411	142.206	Waste/ Landfill	NO	NO
Other Plastic	0.01	3.46	Waste/ Landfill	NO	NO
Other Glass	0	0	Waste/ Landfill	NO	NO
Other Metal	0	0	Waste/ Landfill	YES	YES
Pre-Consumer Food and Beverage	0.9	311.4	Waste/ Landfill	NO	YES
Post-Consumer Food and Beverage	0.1	34.6	Waste/ Landfill	NO	YES
Wood Pallets	0	0	Waste/ Landfill	NO	NO
Other Wood	0.025	8.65	Waste/ Landfill	NO	NO
Electronics	0	0	Waste/ Landfill	YES	YES
Cartridges	0	0	Waste/ Landfill	YES	YES
Construction and Demolition	0	0	Waste/ Landfill	NO	NO
Office Supplies (Reusable)	0	0	Waste/ Landfill	NO	NO
Unclassified	0.19	65.74	Waste/ Landfill	NO	NO
Washroom Waste	0.3	103.8	Waste/ Landfill	NO	NO
Textiles	0	0	Waste/ Landfill	NO	YES
Textiles	0	0	Waste/ Landfill	NO	NO
Batteries	0	0	Waste/ Landfill	YES	YES
Fluorescent Bulbs	0	0	Waste/ Landfill	YES	YES
Other hazardous Waste	0	0	Waste/ Landfill	YES	YES
Leaf and Yard Waste	0	0	Waste/ Landfill	YES	YES
#6 (PS) (Expanded Foam)	0	0	Waste/ Landfill	NO	NO
Total (Kg)	**4.105**	**1,420.33**			
Total Bag Weights (Kg)	**4.43**	1,532.78			
Percentage of Bag Weights Sorted (Kg)	92.66%	92.66%			

Skilled Trades Training Centre Landfill Sort

Sorting Date/ Time	Location							
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	Washroom	Shops	Unknown	Office	Classroom	Student Lounge Landfill	Hallway	
	Washroom	Shops	Unknown	Office	Classroom	Cafeteria	Hallway	Total
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)
Office Paper	0.05	0.2	0.02	0.05				0.32
Newspaper and Mixed Paper			0.02			0.1		0.12
Boxboard		0.01	0.2	0.01		0.01		0.23
Molded Pulp Containers			0.01					0.01
Cardboard (OCC)	0.01							0.01
Polycoat/Aseptic Containers								0
#1 (PET)	0.1		0.05		0.01		0.07	0.23
#2 (HDPE)								0
#3 (PVC)								0
#4 (LDPE)								0
#5 (PP)			0.01			0.05	0.005	0.065
#6 (PS) (Rigid)	0.05	0.01	0.05	0.02	0.01	0.01		0.15
#7 (Other)								0
Food and Beverage Cans			0.01	0.005	0.1		0.005	0.12
Food and Beverage (Clear and Coloured) Glass								0
Office Supplies (Recyclable)								0
Coffee Cups	0.05	0.01	0.20	0.01		0.01		0.275
Fountain Cups								0
Paper Towels	0.81	0.1	0.05	0.01	0.01	0.12		1.1
Paper Cups								0
Non-Recyclable Paper			0.05	0.005	0.01			0.065
Loose Film Bags (#4)	0.3	0.2	0.1				0.005	0.605
Laminated Film	0.01	0.01	0.01			0.01		0.04
Other Plastic	0.03		0.1	0.005				0.135
Other Glass								0
Other Metal	0.02	1.80	0.01				0.01	1.84
Pre-Consumer Food and Beverage		0.10	0.10	0.08		0.60		0.88
Post-Consumer Food and Beverage	0.10							0.1
Wood Pallets								0
Other Wood	0.10			0.01				0.105
Electronics								0
Cartridges								0
Construction and Demolition								0
Office Supplies (Reusable)		0.01						0.01
Unclassified	0.15	0.11	0.10			0.01		0.37
Washroom Waste	0.02							0.02
Textiles (Reusable)								0
Textiles (Non-Reusable)								0
Batteries								0
Fluorescent Bulbs								0
Other hazardous Waste								0
Leaf and Yard Waste								0
#6 (PS) (Expanded Foam)		0.01						0.01
Total (Kg)	**1.80**	**2.57**	**1.09**	**0.20**	**0.14**	**0.92**	**0.10**	**6.81**
Total Bag Weights (Kg)	**1.80**	2.60	1.50	0.20	0.30	0.92	0.10	**7.42**
Percentage of Bag Weights Sorted (Kg)	100.00%	98.85%	72.67%	97.50%	46.67%	100.00%	95.00%	91.78%

Skilled Trades Training Centre Landfill Sort

	Stream	Recyclable On Campus	Recyclable On Campus
Total		YES/NO	YES/NO
Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
110.72	Paper	YES	YES
41.52	Paper	YES	YES
79.58	Paper	YES	YES
3.46	Paper	YES	YES
3.46	Paper	YES	YES
0	Containers	YES	YES
79.58	Containers	YES	YES
0	Containers	YES	YES
0	Containers	YES	YES
0	Containers	YES	YES
22.49	Containers	YES	YES
51.9	Containers	YES	YES
0	Containers	YES	YES
41.52	Containers	YES	YES
0	Containers	YES	YES
0	Containers	YES	YES
95.15	Containers	YES	YES
0.00	Containers	YES	YES
380.6	Waste/ Landfill	NO	YES
0	Waste/ Landfill	NO	NO
22.49	Waste/ Landfill	NO	NO
209.33	Waste/ Landfill	NO	NO
13.84	Waste/ Landfill	NO	NO
46.71	Waste/ Landfill	NO	NO
0	Waste/ Landfill	NO	NO
636.64	Waste/ Landfill	YES	YES
304.48	Waste/ Landfill	NO	YES
34.60	Waste/ Landfill	NO	YES
0.00	Waste/ Landfill	NO	NO
36.33	Waste/ Landfill	NO	NO
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	NO	NO
3.46	Waste/ Landfill	NO	NO
128.02	Waste/ Landfill	NO	NO
6.92	Waste/ Landfill	NO	NO
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	NO	NO
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	YES	YES
0.00	Waste/ Landfill	YES	YES
3.46	Waste/ Landfill	NO	NO
2,356.26			
2,567.32			
91.78%			

Community Employment Services (Petrolia Site) Landfill Sort

Sorting Date / Time	Location				Stream	Recyclable On Campus	Recyclable On Campus
Monday, March 8, 2024 (8:30 AM - 3:00 PM)	Staff Kitchen (Cafeteria)	Washroom					
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
Office Paper	0.1		0.1	34.6	Paper	YES	YES
Newspaper and Mixed Paper	0.4	0.01	0.41	141.86	Paper	YES	YES
Boxboard	0.02		0.02	6.92	Paper	YES	YES
Molded Pulp Containers			0	0	Paper	YES	YES
Cardboard (OCC)			0	0	Paper	YES	YES
Polycoat/Aseptic Containers	0.05		0.05	17.3	Containers	YES	YES
#1 (PET)			0	0	Containers	YES	YES
#2 (HDPE)			0	0	Containers	YES	YES
#3 (PVC)			0	0	Containers	YES	YES
#4 (LDPE)			0	0	Containers	YES	YES
#5 (PP)	0.3		0.3	103.8	Containers	YES	YES
#6 (PS) (Rigid)	0.1		0.1	34.6	Containers	YES	YES
#7 (Other)			0	0	Containers	YES	YES
Food and Beverage Cans	0.05		0.05	17.3	Containers	YES	YES
Food and Beverage (Clear and Coloured) Glass			0	0	Containers	YES	YES
Office Supplies (Recyclable)			0	0	Containers	YES	YES
Coffee Cups	0.1		0.1	34.6	Containers	YES	YES
Fountain Cups			0	0	Containers	YES	YES
Paper Towels	0.3	0.3	0.6	207.6	Waste / Landfill	NO	YES
Paper Cups			0	0	Waste / Landfill	NO	NO
Non-Recyclable Paper		0.01	0.01	3.46	Waste / Landfill	NO	NO
Loose Film Bags (#4)		0.08	0.08	27.68	Waste / Landfill	NO	NO
Laminated Film	0.1		0.1	34.6	Waste / Landfill	NO	NO
Other Plastic			0	0	Waste / Landfill	NO	NO
Other Glass			0	0	Waste / Landfill	NO	NO
Other Metal			0	0	Waste / Landfill	YES	YES
Pre-Consumer Food and Beverage	1.78		1.78	615.88	Waste / Landfill	NO	YES
Post-Consumer Food and Beverage			0	0	Waste / Landfill	NO	YES
Wood Pallets			0	0	Waste / Landfill	NO	NO
Other Wood			0	0	Waste / Landfill	NO	NO
Electronics			0	0	Waste / Landfill	YES	YES
Cartridges			0	0	Waste / Landfill	YES	YES
Construction and Demolition			0	0	Waste / Landfill	NO	NO
Office Supplies (Reusable)			0	0	Waste / Landfill	NO	NO
Unclassified			0	0	Waste / Landfill	NO	NO
Washroom Waste			0	0	Waste / Landfill	NO	NO
Textiles (Reusable)			0	0	Waste / Landfill	YES	YES
Textiles (Non-Reusable)			0	0	Waste / Landfill	NO	NO
Batteries			0	0	Waste / Landfill	YES	YES
Fluorescent Bulbs			0	0	Waste / Landfill	YES	YES
Other hazardous Waste			0	0	Waste / Landfill	YES	YES
Leaf and Yard Waste			0	0	Waste / Landfill	YES	YES
#6 (PS) (Expanded Foam)			0	0	Waste / Landfill	NO	NO
Total (Kg)	3.3	0.4	3.7	1,280.20			
Total Bag Weights (Kg)	3.30	0.40	3.70	1,280.20			
Percentage of Bag Weights Sorted (Kg)	100.00%	100.00%	100.00%	100.00%			

Lambton INN Residence & Event Centre Containers Sort

Sorting Date/ Time	Location			Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	LI Containers Unknown				
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	Unknown	Total	Total		YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper		0.00	0.00	Paper	YES
Newspaper and Mixed Paper		0.00	0.00	Paper	YES
Boxboard		0.00	0.00	Paper	YES
Molded Pulp Containers		0.00	0.00	Paper	YES
Cardboard (OCC)		0.00	0.00	Paper	YES
Polycoat/Aseptic Containers		0.00	0.00	Containers	YES
#1 (PET)	0.01	0.01	3.46	Containers	YES
#2 (HDPE)		0.00	0.00	Containers	YES
#3 (PVC)		0.00	0.00	Containers	YES
#4 (LDPE)		0.00	0.00	Containers	YES
#5 (PP)		0.00	0.00	Containers	YES
#6 (PS)(Rigid)	0.01	0.01	3.46	Containers	YES
#7 (Other)		0.00	0.00	Containers	YES
Food and Beverage Cans		0.00	0.00	Containers	YES
Food and Beverage (Clear and Coloured) Glass		0.00	0.00	Containers	YES
Office Supplies (Recyclable)		0.00	0.00	Containers	YES
Coffee Cups		0.00	0.00	Containers	YES
Fountain Cups			0.00	Containers	YES
Paper Towels		0.00	0.00	Waste/ Landfill	NO
Paper Cups		0.00	0.00	Waste/ Landfill	NO
Non-Recyclable Paper		0.00	0.00	Waste/ Landfill	NO
Loose Film Bags (#4)	0.01	0.01	3.46	Waste/ Landfill	NO
Laminated Film		0.00	0.00	Waste/ Landfill	NO
Other Plastic		0.00	0.00	Waste/ Landfill	NO
Other Glass		0.00	0.00	Waste/ Landfill	NO
Other Metal		0.00	0.00	Waste/ Landfill	YES
Pre-Consumer Food and Beverage		0.00	0.00	Waste/ Landfill	NO
Post-Consumer Food and Beverage		0.00	0.00	Waste/ Landfill	NO
Wood Pallets		0.00	0.00	Waste/ Landfill	NO
Other Wood		0.00	0.00	Waste/ Landfill	NO
Electronics		0.00	0.00	Waste/ Landfill	YES
Cartridges		0.00	0.00	Waste/ Landfill	YES
Construction and Demolition		0.00	0.00	Waste/ Landfill	NO
Office Supplies (Reusable)		0.00	0.00	Waste/ Landfill	NO
Unclassified		0.00	0.00	Waste/ Landfill	NO
Washroom Waste		0.00	0.00	Waste/ Landfill	NO
Textiles (Reusable)		0.00	0.00	Waste/ Landfill	YES
Textiles (Non-Reusable)		0.00	0.00	Waste/ Landfill	NO
Batteries		0.00	0.00	Waste/ Landfill	YES
Fluorescent Bulbs		0.00	0.00	Waste/ Landfill	YES
Other hazardous Waste		0.00	0.00	Waste/ Landfill	YES
Leaf and Yard Waste		0.00	0.00	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)		0.00	0.00	Waste/ Landfill	NO
Total (Kg)	0.03	0.03	10.38		
Total Bag Weights (Kg)	0.05	0.05	17.30		
Percentage of Bag Weights Sorted (Kg)	60.00%	60.00%	60.00%		

Fire & Public Safety Centre of Excellence Containers Sort

Sorting Date/ Time	Location					Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	FS Outdoors Container Recycling	FS - Hallway Container Recycling	Cafeteria Containers	Total	Total		YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper			0.01	0.01	3.46	Paper	YES
Newspaper and Mixed Paper		0.01		0.01	3.46	Paper	YES
Boxboard	0.01	0.01	0.1	0.12	41.52	Paper	YES
Molded Pulp Containers				0	0	Paper	YES
Cardboard (OCC)				0	0	Paper	YES
Polycoat/ Aseptic Containers				0	0	Containers	YES
#1 (PET)	0.1	0.01	0.6	0.71	245.66	Containers	YES
#2 (HDPE)				0	0	Containers	YES
#3 (PVC)				0	0	Containers	YES
#4 (LDPE)				0	0	Containers	YES
#5 (PP)			0.02	0.02	6.92	Containers	YES
#6 (PS) (Rigid)	0.01		0.01	0.02	6.92	Containers	YES
#7 (Other)				0	0	Containers	YES
Food and Beverage Cans	0.18		0.3	0.48	166.08	Containers	YES
Food and Beverage (Clear and Coloured) Glass				0	0	Containers	YES
Office Supplies (Recyclable)				0	0	Containers	YES
Coffee Cups	0.01		0.1	0.11	38.06	Containers	YES
Fountain Cups				0	0	Containers	YES
Paper Towels	0.05		0.1	0.15	51.9	Waste/ Landfill	NO
Paper Cups	0.005			0.005	1.73	Waste/ Landfill	NO
Non-Recyclable Paper	0.05			0.05	17.3	Waste/ Landfill	NO
Loose Film Bags (#4)	0.17		0.2	0.37	128.02	Waste/ Landfill	NO
Laminated Film	0.01	0.01	0.01	0.03	10.38	Waste/ Landfill	NO
Other Plastic				0	0	Waste/ Landfill	NO
Other Glass				0	0	Waste/ Landfill	NO
Other Metal				0	0	Waste/ Landfill	YES
Pre-Consumer Food and Beverage		0.66		0.66	228.36	Waste/ Landfill	NO
Post-Consumer Food and Beverage				0	0	Waste/ Landfill	NO
Wood Pallets				0	0	Waste/ Landfill	NO
Other Wood			0.01	0.01	3.46	Waste/ Landfill	NO
Electronics				0	0	Waste/ Landfill	YES
Cartridges				0	0	Waste/ Landfill	YES
Construction and Demolition				0	0	Waste/ Landfill	NO
Office Supplies (Reusable)				0	0	Waste/ Landfill	NO
Unclassified				0	0	Waste/ Landfill	NO
Washroom Waste				0	0	Waste/ Landfill	NO
Textiles (Reusable)				0	0	Waste/ Landfill	YES
Textiles (Non-Reusable)				0	0	Waste/ Landfill	NO
Batteries				0	0	Waste/ Landfill	YES
Fluorescent Bulbs				0	0	Waste/ Landfill	YES
Other hazardous Waste				0	0	Waste/ Landfill	YES
Leaf and Yard Waste				0	0	Waste/ Landfill	YES
#6 (PS) Expanded Foam)				0	0	Waste/ Landfill	NO
Total (Kg)	0.60	0.70	1.46	2.76	953.23		
Total Bag Weights (Kg)	0.60	0.70	2.50	3.80	1,314.80		
Percentage of Bag Weights Sorted (Kg)	99.17%	100.00%		72.50%	72.50%		

North Building Containers Sort

Sorting Date/Time	Location					Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	NB Glass, Cans, Plastic Containers Hallway	NB Office Plastic Containers	NB Classroom Plastic /Metal	Total	Total		YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper				0.00	0.00	Paper	YES
Newspaper and Mixed Paper				0.00	0.00	Paper	YES
Boxboard				0.00	0.00	Paper	YES
Molded Pulp Containers				0.00	0.00	Paper	YES
Cardboard (OCC)				0.00	0.00	Paper	YES
Polycoat/Aseptic Containers				0.00	0.00	Containers	YES
#1 (PET)	0.01			0.01	3.46	Containers	YES
#2 (HDPE)				0.00	0.00	Containers	YES
#3 (PVC)				0.00	0.00	Containers	YES
#4 (LDPE)				0.00	0.00	Containers	YES
#5 (PP)				0.00	0.00	Containers	YES
#6 (PS) (Rigid)				0.00	0.00	Containers	YES
#7 (Other)				0.00	0.00	Containers	YES
Food and Beverage Cans				0.00	0.00	Containers	YES
Food and Beverage (Clear and Coloured) Glass				0.00	0.00	Containers	YES
Office Supplies (Recyclable)				0.00	0.00	Containers	YES
Coffee Cups				0.00	0.00	Containers	YES
Fountain Cups				0.00	0.00	Containers	YES
Paper Towels				0.00	0.00	Waste/ Landfill	NO
Paper Cups				0.00	0.00	Waste/ Landfill	NO
Non Recyclable Paper				0.00	0.00	Waste/ Landfill	NO
Loose Film Bags (#4)	0.03			0.03	10.38	Waste/ Landfill	NO
Laminated Film				0.00	0.00	Waste/ Landfill	NO
Other Plastic				0.00	0.00	Waste/ Landfill	NO
Other Glass				0.00	0.00	Waste/ Landfill	NO
Other Metal				0.00	0.00	Waste/ Landfill	YES
Pre-Consumer Food and Beverage	0.16			0.16	55.36	Waste/ Landfill	NO
Post Consumer Food and Beverage				0.00	0.00	Waste/ Landfill	NO
Wood Pallets				0.00	0.00	Waste/ Landfill	NO
Other Wood				0.00	0.00	Waste/ Landfill	NO
Electronics				0.00	0.00	Waste/ Landfill	YES
Cartridges				0.00	0.00	Waste/ Landfill	YES
Construction and Demolition				0.00	0.00	Waste/ Landfill	NO
Office Supplies (Reusable)				0.00	0.00	Waste/ Landfill	NO
Unclassified				0.00	0.00	Waste/ Landfill	NO
Washroom Waste				0.00	0.00	Waste/ Landfill	NO
Textiles (Reusable)				0.00	0.00	Waste/ Landfill	YES
Textiles (Non-Reusable)				0.00	0.00	Waste/ Landfill	NO
Batteries				0.00	0.00	Waste/ Landfill	YES
Fluorescent Bulbs				0.00	0.00	Waste/ Landfill	YES
Other hazardous Waste				0.00	0.00	Waste/ Landfill	YES
Leaf and Yard Waste				0.00	0.00	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)				0.00	0.00	Waste/ Landfill	NO
Total (Kg)	0.20	0.00	0.00	0.20	69.20		
Total Bag Weights (kg)	0.20			0.20	69.20		
Percentage of Bag Weights Sorted (Kg)	100.00%	#DIV/0!	#DIV/0!	100.00%	100.00%		

Skilled Trades Training Centre Containers Sort

Sorting Date / Time	Location				Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	STTC Cans Hallway	STTC Cans Hallway	Total	Total		YES/NO
Sorting Item			Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper			0.00	0.00	Paper	YES
Newspaper and Mixed Paper			0.00	0.00	Paper	YES
Boxboard			0.00	0.00	Paper	YES
Molded Pulp Containers			0.00	0.00	Paper	YES
Cardboard (OCC)			0.00	0.00	Paper	YES
Polycoat/Aseptic Containers			0.00	0.00	Containers	YES
#1 (PET)		0.20	0.20	69.20	Containers	YES
#2 (HDPE)			0.00	0.00	Containers	YES
#3 (PVC)			0.00	0.00	Containers	YES
#4 (LDPE)			0.00	0.00	Containers	YES
#5 (PP)			0.00	0.00	Containers	YES
#6 (PS)(Rigid)	0.01		0.01	3.46	Containers	YES
#7 (Other)			0.00	0.00	Containers	YES
Food and Beverage Cans			0.00	0.00	Containers	YES
Food and Beverage (Clear and Coloured) Glass	0.01		0.01	3.46	Containers	YES
Office Supplies (Recyclable)			0.00	0.00	Containers	YES
Coffee Cups	0.01		0.01	3.46	Containers	YES
Fountain Cups			0.00	0.00	Containers	YES
Paper Towels			0.00	0.00	Waste / Landfill	NO
Paper Cups			0.00	0.00	Waste / Landfill	NO
Non-Recyclable Paper			0.00	0.00	Waste / Landfill	NO
Loose Film Bags (#4)		0.01	0.01	3.46	Waste / Landfill	NO
Laminated Film			0.00	0.00	Waste / Landfill	NO
Other Plastic			0.00	0.00	Waste / Landfill	NO
Other Glass			0.00	0.00	Waste / Landfill	NO
Other Metal			0.00	0.00	Waste / Landfill	YES
Pre-Consumer Food and Beverage			0.00	0.00	Waste / Landfill	NO
Post-Consumer Food and Beverage			0.00	0.00	Waste / Landfill	NO
Wood Pallets			0.00	0.00	Waste / Landfill	NO
Other Wood			0.00	0.00	Waste / Landfill	NO
Electronics			0.00	0.00	Waste / Landfill	YES
Cartridges			0.00	0.00	Waste / Landfill	YES
Construction and Demolition			0.00	0.00	Waste / Landfill	NO
Office Supplies (Reusable)			0.00	0.00	Waste / Landfill	NO
Unclassified			0.00	0.00	Waste / Landfill	NO
Washroom Waste			0.00	0.00	Waste / Landfill	NO
Textiles (Reusable)			0.00	0.00	Waste / Landfill	YES
Textiles (Non-Reusable)			0.00	0.00	Waste / Landfill	NO
Batteries			0.00	0.00	Waste / Landfill	YES
Fluorescent Bulbs			0.00	0.00	Waste / Landfill	YES
Other hazardous Waste			0.00	0.00	Waste / Landfill	YES
Leaf and Yard Waste			0.00	0.00	Waste / Landfill	YES
#6 (PS)(Expanded Foam)			0.00	0.00	Waste / Landfill	NO
Total (Kg)	0.03	0.21	0.24	83.04		
Total Bag Weights (Kg)	0.10	0.40	0.50	173.00		
Percentage of Bag Weights Sorted (Kg)	30.00%	52.50%	48.00%	48.00%		

Community Employment Services (Petrolia Site) Containers Sort

Sorting Date/ Time	Location				Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	Staff Kitchen (Cafeteria)	Office	Total	Total		YES/NO
Sorting Item	Day Totals (kg)		Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper		0.01	0.01	3.46	Paper	YES
Newspaper and Mixed Paper		0.05	0.05	17.3	Paper	YES
Boxboard	0.02	0.02	0.04	13.84	Paper	YES
Molded Pulp Containers			0	0	Paper	YES
Cardboard (OCC)			0	0	Paper	YES
Polycoat/ Aseptic Containers	0.1		0.1	34.6	Containers	YES
#1 (PET)	0.14	0.2	0.34	117.64	Containers	YES
#2 (HDPE)			0	0	Containers	YES
#3 (PVC)			0	0	Containers	YES
#4 (LDPE)			0	0	Containers	YES
#5 (PP)		0.02	0.02	6.92	Containers	YES
#6 (PS) (Rigid)	0.01	0.01	0.02	6.92	Containers	YES
#7 (Other)			0	0	Containers	YES
Food and Beverage Cans	0.1	0.01	0.11	38.06	Containers	YES
Food and Beverage (Clear and Coloured) Glass			0	0	Containers	YES
Office Supplies (Recyclable)			0	0	Containers	YES
Coffee Cups	0.01	0.01	0.02	6.92	Containers	YES
Fountain Cups			0	0	Containers	YES
Paper Towels		0.2	0.2	69.2	Waste/ Landfill	NO
Paper Cups			0	0	Waste/ Landfill	NO
Non-Recyclable Paper			0	0	Waste/ Landfill	NO
Loose Film Bags (#4)	0.02	0.1	0.12	41.52	Waste/ Landfill	NO
Laminated Film		0.04	0.04	13.84	Waste/ Landfill	NO
Other Plastic		0.01	0.01	3.46	Waste/ Landfill	NO
Other Glass			0	0	Waste/ Landfill	NO
Other Metal			0	0	Waste/ Landfill	YES
Pre-Consumer Food and Beverage		0.7	0.7	242.2	Waste/ Landfill	NO
Post-Consumer Food and Beverage			0	0	Waste/ Landfill	NO
Wood Pallets			0	0	Waste/ Landfill	NO
Other Wood		0.01	0.01	3.46	Waste/ Landfill	NO
Electronics			0	0	Waste/ Landfill	YES
Cartridges			0	0	Waste/ Landfill	YES
Construction and Demolition			0	0	Waste/ Landfill	NO
Office Supplies (Reusable)			0	0	Waste/ Landfill	NO
Unclassified			0	0	Waste/ Landfill	NO
Washroom Waste			0	0	Waste/ Landfill	NO
Textiles (Reusable)			0	0	Waste/ Landfill	YES
Textiles (Non-Reusable)			0	0	Waste/ Landfill	NO
Batteries			0	0	Waste/ Landfill	YES
Fluorescent Bulbs			0	0	Waste/ Landfill	YES
Other hazardous Waste			0	0	Waste/ Landfill	YES
Leaf and Yard Waste			0	0	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)			0	0	Waste/ Landfill	NO
Total (Kg)	0.4	1.39	1.79	619.34		
Total Bag Weights (Kg)	0.40	3.70	4.10	1418.6		
Percentage of Bag Weights Sorted (Kg)	100.00%	37.57%	43.66%	43.66%		

Fire & Public Safety Centre of Excellence Paper Sort

Sorting Date/ Time	Location			Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	FS Cafeteria Paper	Total	Total		YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper		0	0	Paper	YES
Newspaper and Mixed Paper	0.03	0.03	10.38	Paper	YES
Boxboard	0.03	0.03	10.38	Paper	YES
Molded Pulp Containers	0.02	0.02	6.92	Paper	YES
Cardboard (OCC)		0	0	Paper	YES
Polycoat/Aseptic Containers		0	0	Containers	YES
#1 (PET)	0.01	0.01	3.46	Containers	YES
#2 (HDPE)		0	0	Containers	YES
#3 (PVC)		0	0	Containers	YES
#4 (LDPE)		0	0	Containers	YES
#5 (PP)		0	0	Containers	YES
#6 (PS)(Rigid)		0	0	Containers	YES
#7 (Other)		0	0	Containers	YES
Food and Beverage Cans		0	0	Containers	YES
Food and Beverage (Clear and Coloured) Glass		0	0	Containers	YES
Office Supplies (Recyclable)		0	0	Containers	YES
Coffee Cups		0	0	Containers	YES
Fountain Cups		0	0	Containers	YES
Paper Towels		0	0	Waste/ Landfill	NO
Paper Cups		0	0	Waste/ Landfill	NO
Non-Recyclable Paper		0	0	Waste/ Landfill	NO
Loose Film Bags (#4)		0	0	Waste/ Landfill	NO
Laminated Film		0	0	Waste/ Landfill	NO
Other Plastic		0	0	Waste/ Landfill	NO
Other Glass		0	0	Waste/ Landfill	NO
Other Metal		0	0	Waste/ Landfill	YES
Pre-Consumer Food and Beverage	0.01	0.01	3.46	Waste/ Landfill	NO
Post-Consumer Food and Beverage		0	0	Waste/ Landfill	NO
Wood Pallets		0	0	Waste/ Landfill	NO
Other Wood		0	0	Waste/ Landfill	NO
Electronics		0	0	Waste/ Landfill	YES
Cartridges		0	0	Waste/ Landfill	YES
Construction and Demolition		0	0	Waste/ Landfill	NO
Office Supplies (Reusable)		0	0	Waste/ Landfill	NO
Unclassified		0	0	Waste/ Landfill	NO
Washroom Waste		0	0	Waste/ Landfill	NO
Textiles (Reusable)		0	0	Waste/ Landfill	YES
Textiles (Non-Reusable)		0	0	Waste/ Landfill	NO
Batteries		0	0	Waste/ Landfill	YES
Fluorescent Bulbs		0	0	Waste/ Landfill	YES
Other hazardous Waste		0	0	Waste/ Landfill	YES
Leaf and Yard Waste		0	0	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)		0	0	Waste/ Landfill	NO
Total (Kg)	0.1	0.1	34.6		
Total Bag Weights (Kg)	0.100	0.100	34.600		
Percentage of Bag Weights Sorted (Kg)	100.00%	100.00%	100.00%		

North Building Paper Sort

Sorting Date/ Time	Location					Stream	Recyclable On Campus
Monday, March 18, 2024 (8:30 AM - 3:00 PM)	NB Hallway PaperSort	NB CEYC Paper (Classroom)	Lounge 202 across office 201 (Cafeteria)	Total	Total		YES/NO
Sorting Item	Hallway			Day Totals(kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper		0.190		0.190	65.740	Paper	YES
Newspaper and Mixed Paper	0.009		0.050	0.059	20.414	Paper	YES
Boxboard			0.050	0.050	17.300	Paper	YES
Molded Pulp Containers				0.000	0.000	Paper	YES
Cardboard (OCC)				0.000	0.000	Paper	YES
Polycoat/Aseptic Containers				0.000	0.000	Containers	YES
#1 (PET)				0.000	0.000	Containers	YES
#2 (HDPE)				0.000	0.000	Containers	YES
#3 (PVC)				0.000	0.000	Containers	YES
#4 (LDPE)				0.000	0.000	Containers	YES
#5 (PP)				0.000	0.000	Containers	YES
#6 (PS)(Rigid)				0.000	0.000	Containers	YES
#7 (Other)				0.000	0.000	Containers	YES
Food and Beverage Cans				0.000	0.000	Containers	YES
Food and Beverage (Clear and Coloured) Glass				0.000	0.000	Containers	YES
Office Supplies (Recyclable)				0.000	0.000	Containers	YES
Coffee Cups				0.000	0.000	Containers	YES
Fountain Cups				0.000	0.000	Containers	YES
Paper Towels				0.000	0.000	Waste/ Landfill	NO
Paper Cups				0.000	0.000	Waste/ Landfill	NO
Non-Recyclable Paper				0.000	0.000	Waste/ Landfill	NO
Loose Film Bags(#4)	0.001	0.010		0.011	3.806	Waste/ Landfill	NO
Laminated Film				0.000	0.000	Waste/ Landfill	NO
Other Plastic				0.000	0.000	Waste/ Landfill	NO
Other Glass				0.000	0.000	Waste/ Landfill	NO
Other Metal				0.000	0.000	Waste/ Landfill	YES
Pre-Consumer Food and Beverage				0.000	0.000	Waste/ Landfill	NO
Post-Consumer Food and Beverage				0.000	0.000	Waste/ Landfill	NO
Wood Pallets				0.000	0.000	Waste/ Landfill	NO
Other Wood				0.000	0.000	Waste/ Landfill	NO
Electronics				0.000	0.000	Waste/ Landfill	YES
Cartridges				0.000	0.000	Waste/ Landfill	YES
Construction and Demolition				0.000	0.000	Waste/ Landfill	NO
Office Supplies (Reusable)				0.000	0.000	Waste/ Landfill	NO
Unclassified				0.000	0.000	Waste/ Landfill	NO
Washroom Waste				0.000	0.000	Waste/ Landfill	NO
Textiles(Reusable)				0.000	0.000	Waste/ Landfill	YES
Textiles (Non-Reusable)				0.000	0.000	Waste/ Landfill	NO
Batteries				0.000	0.000	Waste/ Landfill	YES
Fluorescent Bulbs				0.000	0.000	Waste/ Landfill	YES
Other hazardous Waste				0.000	0.000	Waste/ Landfill	YES
Leaf and Yard Waste				0.000	0.000	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)				0.000	0.000	Waste/ Landfill	NO
Total (Kg)	0.010	0.200	0.100	0.310	107.260		
Total Bag Weights (kg)	0.010	0.200	0.100	0.310	107.260		
Percentage of Bag Weights Sorted (Kg)	100.00%	100.00%	100.00%	100.00%	100.00%		

South Building Landfill Sort

Sorting Date / Time	Location							
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Outdoor - Cafeteria Courtyard	Hallway	Lab	C2-101 Staff Lounge	Cafeteria Landfill	B0 Classroom	CD-160 Shop	Washroom
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Outdoor	Hallway	Lab	Cafeteria	Cafeteria	Classroom	Shop	Washroom
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)
Office Paper			0.010	0.010	0.010		0.050	
Newspaper and Mixed Paper		0.050		0.010	0.010	0.600	0.100	
Boxboard	0.050	0.010		0.010	0.010			0.010
Molded Pulp Containers	0.100	0.100					0.010	
Cardboard (OCC)		0.010	0.010	0.010				
Polycoat/Aseptic Containers	0.010	0.010						
#1 (PET)	0.010				0.010		0.010	
#2 (HDPE)								
#3 (PVC)								
#4 (LDPE)								
#5 (PP)	0.150	0.100		0.050	0.050	0.010		0.010
#6 (PS) (Rigid)	0.100	0.020		0.010	0.010	0.010		
#7 (Other)					0.010			
Food and Beverage Cans	0.010	0.010	0.010		0.010	0.010		
Food and Beverage (Clear and Coloured) Glass								
Office Supplies (Recyclable)								
Coffee Cups	0.200	0.100		0.100		0.010		
Fountain Cups								
Paper Towels	0.100	0.010	0.100		0.400	0.500	0.200	0.500
Paper Cups	0.010				0.300			
Non-Recyclable Paper	0.010				0.010			
Loose Film Bags (#4)						0.100		
Laminated Film	0.010	0.010	0.010	0.010	0.010	0.010	0.010	
Other Plastic	0.010	0.010	0.010	0.050	0.010			
Other Glass								
Other Metal								
Pre-Consumer Food and Beverage	0.300	1.500			2.000	0.100		
Post Consumer Food and Beverage	0.600	0.500		0.100	0.500			
Wood Pellets								
Other Wood	0.010		0.010		0.010			
Electronics								
Cartridges								
Construction and Demolition								
Office Supplies (Reusable)								
Unclassified			0.300		0.010	0.300	0.100	
Washroom Waste								
Textiles (Reusable)			0.400				0.100	
Textiles (Non-Reusable)								
Batteries								
Fluorescent Bulbs								
Other Hazardous Waste							2.000	
Leaf and Yard Waste								
#6 (PS) (Expanded Foam)	0.010							
Total (kg)	1.690	2.440	0.860	0.360	3.370	1.650	2.580	0.520
Total Bag Weights (kg)	8.2	27.4	1.13	0.4	11.8	24.23	3.8	11.4
Percentage of Bag Weights Sorted (%)	20.61%	8.91%	76.11%	90.00%	28.56%	6.81%	67.89%	4.56%

South Building Landfill Sort

Sorting Date / Time	Location				Stream	Recyclable On Campus	Recyclable OnCampus
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	B1-151 Office of The Registrar's	D2-301 Fitness Centre					
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Office	Fitness Centre	SB-Total	SB-Total		YES/NO	YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable	Potentially Recyclable
Office Paper			0.080	27.680	Paper	YES	YES
Newspaper and Mixed Paper			0.770	266.420	Paper	YES	YES
Boxboard	0.010		0.100	34.600	Paper	YES	YES
Molded Pulp Containers			0.210	72.660	Paper	YES	YES
Cardboard (OCC)	0.010		0.040	13.840	Paper	YES	YES
Polycoat/Aseptic Containers			0.020	6.920	Containers	YES	YES
#1 (PET)			0.030	10.380	Containers	YES	YES
#2 (HDPE)			0.000	0.000	Containers	YES	YES
#3 (PVC)			0.000	0.000	Containers	YES	YES
#4 (LDPE)			0.000	0.000	Containers	YES	YES
#5 (PP)	0.010		0.580	161.480	Containers	YES	YES
#6 (PS) (Rigid)	0.010		0.160	55.360	Containers	YES	YES
#7 (Other)			0.010	3.460	Containers	YES	YES
Food and Beverage Cans			0.050	17.300	Containers	YES	YES
Food and Beverage (Clear and Coloured) Glass			0.000	0.000	Containers	YES	YES
Office Supplies (Recyclable)			0.000	0.000	Containers	YES	YES
Coffee Cups	0.050		0.460	159.160	Containers / Paper	YES	YES
Fountain Cups			0.000	0.000	Containers	YES	YES
Paper Towels	0.100	0.070	1.980	685.080	Waste / Landfill	NO	YES
Paper Cups	0.050		0.360	124.560	Waste / Landfill	NO	NO
Non-Recyclable Paper			0.020	6.920	Waste / Landfill	NO	NO
Loose Film Bags (#4)			0.100	34.600	Waste / Landfill	NO	NO
Laminated Film	0.010		0.080	27.680	Waste / Landfill	NO	NO
Other Plastic			0.090	31.140	Waste / Landfill	NO	NO
Other Glass			0.000	0.000	Waste / Landfill	NO	NO
Other Metal			0.000	0.000	Waste / Landfill	YES	YES
Pre-Consumer Food and Beverage	0.400		4.300	1,487.800	Waste / Landfill	NO	YES
Post-Consumer Food and Beverage			1.700	588.200	Waste / Landfill	NO	YES
Wood Pellets			0.000	0.000	Waste / Landfill	NO	NO
Other Wood	0.010		0.040	13.840	Waste / Landfill	NO	NO
Electronics	0.600		0.600	207.600	Waste / Landfill	YES	YES
Cartridges			0.000	0.000	Waste / Landfill	YES	YES
Construction and Demolition			0.000	0.000	Waste / Landfill	NO	NO
Office Supplies (Reusable)			0.000	0.000	Waste / Landfill	NO	NO
Unclassified			0.710	245.660	Waste / Landfill	NO	NO
Washroom Waste			0.000	0.000	Waste / Landfill	NO	NO
Textiles (Reusable)			0.500	173.000	Waste / Landfill	YES	YES
Textiles (Non-Reusable)			0.000	0.000	Waste / Landfill	NO	NO
Batteries			0.000	0.000	Waste / Landfill	NO	YES
Fluorescent Bulbs			0.000	0.000	Waste / Landfill	YES	YES
Other hazardous Waste			2.000	692.000	Waste / Landfill	YES	YES
Leaf and Yard Waste			0.000	0.000	Waste / Landfill	YES	YES
#6 (PS) (Expanded Foam)			0.010	3.460	Waste / Landfill	NO	NO
Total (kg)	1.260	0.070	14.800	5,120.800			
Total Bag Weights (kg)	13.81	0.07	102.24	35,375.04			
Percentage of Bag Weights Sorted (%)	9.12%	100.00%	14.48%	14.48%			

South Building Containers Sort

Sorting Date/Time	Location							
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Classroom-Containers Recycling	Office -Containers Recycling	C2-101 (Staff Lounge) Containers Recycling	Lab Containers Recycling	Containers Outdoor O15 (Cafeteria Courtyard)	S1 Hallway Containers	D2-101 Fitness Centre Containers	Cafeteria Containers
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Classroom	Office	Cafeteria	Lab	Outdoor	Hallway	Fitness Centre	Cafeteria
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)
Office Paper					0.020	0.010		
Newspaper and Mixed Paper					0.02			0.05
Boxboard	0.01				0.03	0.01		0.01
Molded Pulp Containers					0.10			
Cardboard (OCC)						0.01		0.01
Polycoat/Aseptic Containers					0.02			
#1 (PET)	0.20			0.02	0.02	0.50		0.02
#2 (HDPE)								
#3 (PVC)								
#4 (LDPE)								
#5 (PP)	0.02				0.03	0.20		0.40
#6 PS (Rigid)					0.02	0.01		0.20
#7 (Other)								
Food and Beverage Cans	0.02		0.03			0.30	0.10	0.02
Food and Beverage (Clear and Coloured) Glass					0.03			
Office Supplies (Recyclable)								
Coffee Cups					0.10	0.01	0.70	0.70
Fountain Cups								
Paper Towels			0.05		0.10	0.01		0.05
Paper Cups					0.05			
Non-Recyclable Paper					0.03	0.01		
Loose Film Bags (#4)								
Laminated Film	0.01				0.05	0.01	0.01	0.01
Other Plastic	0.01				0.05			
Other Glass								
Other Metal					0.10			
Pre-Consumer Food and Beverage		0.20			0.20	0.50		0.70
Post-Consumer Food and Beverage		0.20					0.01	
Wood Pallets								
Other Wood					0.05			
Electronics			0.90					
Cartridges								
Construction and Demolition								
Office Supplies (Reusable)								
Unclassified					0.10			
Washroom Waste								
Textiles (Reusable)								
Textiles (Non-Reusable)								
Batteries								
Fluorescent Bulbs								
Other hazardous Waste								
Leaf and Yard Waste								
#6 PS (Expanded Foam)								
Total (kg)	0.27	0.40	0.98	0.02	1.17	1.58	0.82	2.17
Total Bag Weights (kg)	1.15	1.14	1.00	0.03	1.80	6.50	0.82	8.60
Percentage of Bag Weights Sorted (kg)	23.48%	35.09%	98.00%	66.67%	65.00%	24.31%	99.39%	25.23%

South Building Paper Sort

Sorting Date/ Time	Location							
Thursday, March 21, 2024 @ 9:30 AM - 3:00 PM)	Office Paper Recycling	Classroom Paper Recycling	Lab Paper Recycling	C2-101 (Staff Lounge)Paper Recycling	B1 Hallway Paper Recycling	B2-101 Fitness Centre Paper	Cafeteria - Paper	
Thursday, March 21, 2024 @ 9:30 AM - 3:00 PM)	Office	Classroom	Lab	Cafeteria	Hallway	Fitness Centre	Cafeteria	Sb-Total
Sorting Item	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)	Day Totals (kg)			Day Totals (kg)
Office Paper	0.350	0.020	0.001		0.050		0.010	0.431
Newspaper and Mixed Paper	0.220			0.003	0.050		0.050	0.323
Boxboard	0.020				0.010		0.100	0.130
Molded Pulp Containers							0.050	0.050
Cardboard (OCC)								0.000
Polycoat/Aseptic Containers								0.000
#1 (PET)						0.010		0.010
#2 (HDPE)								0.000
#3 (PVC)								0.000
#4 (LDPE)								0.000
#5 (PP)	0.010				0.020			0.030
#6 (PS (Rigid))	0.010				0.010		0.050	0.070
#7 (Other)								0.000
Food and Beverage Cans	0.010					0.010	0.100	0.120
Food and Beverage (Clear and Coloured) Glass								0.000
Office Supplies (Recyclable)								0.000
Coffee Cups	0.030				0.100		0.300	0.430
Fountain Cups								0.000
Paper Towels			0.005	0.007	0.100	0.040	0.200	0.352
Paper Cups								0.000
Non-Recyclable Paper	0.010	0.010			0.010			0.030
Loose Film Bags (#4)								0.000
Laminated Film	0.020				0.010		0.010	0.040
Other Plastic	0.010		0.003					0.013
Other Glass								0.000
Other Metal								0.000
Pre-Consumer Food and Beverage								0.000
Post-Consumer Food and Beverage							0.100	0.100
Wood Pallets								0.000
Other Wood							0.010	0.010
Electronics								0.000
Cartridges								0.000
Construction and Demolition								0.000
Office Supplies (Reusable)								0.000
Unclassified			0.001					0.001
Washroom Waste								0.000
Textiles (Reusable)								0.000
Textiles (Non-Reusable)								0.000
Batteries								0.000
Fluorescent Bulbs								0.000
Other Hazardous Waste								0.000
Leaf and Yard Waste								0.000
#6 (PS (Expanded Foam))								0.000
Total (kg)	0.690	0.030	0.010	0.010	0.360	0.050	0.980	**2.140**
Total Bag Weights (kg)	0.940	0.120	0.010	0.010	1.600	0.050	2.300	**4.740**
Percentage of Bad Waste to Sorted Bin	73.40%	25.00%	100.00%	100.00%	22.73%	100.00%	42.61%	**45.15%**

South Building Paper Sort

Sorting Date/ Time		Stream	Recyclable On Campus
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)			
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	SB-Total		YES/NO
Sorting Item	Annual Total (kg)	Sorting	Recyclable
Office Paper	149.126	Paper	YES
Newspaper and Mixed Paper	111.758	Paper	YES
Boxboard	44.980	Paper	YES
Molded Pulp Containers	17.300	Paper	YES
Cardboard (OCC)	0.000	Paper	YES
Polycoat/Aseptic Containers	0.000	Containers	YES
#1 (PET)	3.460	Containers	YES
#2 (HDPE)	0.000	Containers	YES
#3 (PVC)	0.000	Containers	YES
#4 (LDPE)	0.000	Containers	YES
#5 (PP)	10.380	Containers	YES
#6 (PS)(Rigid)	24.220	Containers	YES
#7 (Other)	0.000	Containers	YES
Food and Beverage Cans	41.520	Containers	YES
Food and Beverage (Clear and Coloured) Glass	0.000	Containers	YES
Office Supplies (Recyclable)	0.000	Containers	YES
Coffee Cups	148.780	Containers / Paper	YES
Fountain Cups	0.000	Containers	YES
Paper Towels	121.792	Waste/ Landfill	NO
Paper Cups	0.000	Waste/ Landfill	NO
Non-Recyclable Paper	10.380	Waste/ Landfill	NO
Loose Film Bags (#4)	0.000	Waste/ Landfill	NO
Laminated Film	13.840	Waste/ Landfill	NO
Other Plastic	4.498	Waste/ Landfill	NO
Other Glass	0.000	Waste/ Landfill	NO
Other Metal	0.000	Waste/ Landfill	YES
Pre-Consumer Food and Beverage	0.000	Waste/ Landfill	NO
Post-Consumer Food and Beverage	34.600	Waste/ Landfill	NO
Wood Pallets	0.000	Waste/ Landfill	NO
Other Wood	3.460	Waste/ Landfill	NO
Electronics	0.000	Waste/ Landfill	YES
Cartridges	0.000	Waste/ Landfill	YES
Construction and Demolition	0.000	Waste/ Landfill	NO
Office Supplies (Reusable)	0.000	Waste/ Landfill	NO
Unclassified	0.346	Waste/ Landfill	NO
Washroom Waste	0.000	Waste/ Landfill	NO
Textiles (Reusable)	0.000	Waste/ Landfill	YES
Textiles (Non-Reusable)	0.000	Waste/ Landfill	NO
Batteries	0.000	Waste/ Landfill	YES
Fluorescent Bulbs	0.000	Waste/ Landfill	YES
Other hazardous Waste	0.000	Waste/ Landfill	YES
Leaf and Yard Waste	0.000	Waste/ Landfill	YES
#6 (PS) (Expanded Foam)	0.000	Waste/ Landfill	NO
Total (Kg)	740.440		
Total Bag Weights (Kg)	1,640.040		
Percentage of Bag Weights Sorted (Kg)	45.15%		

Lambton INN Residence & Event Centre Paper Sort

Sorting Date/Time	Location			Stream	Recyclable On Campus
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	LI Paper Sort Unknown	Total	Total		YES/NO
Sorting Item	Day Totals (kg)	Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper	0.08	0.08	27.68	Paper	YES
Newspaper and Mixed Paper	0.109	0.109	37.714	Paper	YES
Boxboard		0	0	Paper	YES
Molded Pulp Containers		0	0	Paper	YES
Cardboard (OCC)		0	0	Paper	YES
Polycoat/Aseptic Containers		0	0	Containers	YES
#1 (PET)		0	0	Containers	YES
#2 (HDPE)		0	0	Containers	YES
#3 (PVC)		0	0	Containers	YES
#4 (LDPE)		0	0	Containers	YES
#5 (PP)		0	0	Containers	YES
#6 (PS)(Rigid)	0.005	0.005	1.73	Containers	YES
#7 (Other)		0	0	Containers	YES
Food and Beverage Cans		0	0	Containers	YES
Food and Beverage (Clear and Coloured) Glass		0	0	Containers	YES
Office Supplies (Recyclable)		0	0	Containers	YES
Coffee Cups	0.004	0.004	1.384	Containers	YES
Fountain Cups		0	0	Containers	YES
Paper Towels		0	0	Waste/Landfill	NO
Paper Cups		0	0	Waste/Landfill	NO
Non-Recyclable Paper		0	0	Waste/Landfill	NO
Loose Film Bags (#4)	0.002	0.002	0.692	Waste/Landfill	NO
Laminated Film		0	0	Waste/Landfill	NO
Other Plastic		0	0	Waste/Landfill	NO
Other Glass		0	0	Waste/Landfill	NO
Other Metal		0	0	Waste/Landfill	YES
Pre-Consumer Food and Beverage		0	0	Waste/Landfill	NO
Post-Consumer Food and Beverage		0	0	Waste/Landfill	NO
Wood Pallets		0	0	Waste/Landfill	NO
Other Wood		0	0	Waste/Landfill	NO
Electronics		0	0	Waste/Landfill	YES
Cartridges		0	0	Waste/Landfill	YES
Construction and Demolition		0	0	Waste/Landfill	NO
Office Supplies (Reusable)		0	0	Waste/Landfill	NO
Unclassified		0	0	Waste/Landfill	NO
Washroom Waste		0	0	Waste/Landfill	NO
Textiles (Reusable)		0	0	Waste/Landfill	YES
Textiles (Non-Reusable)		0	0	Waste/Landfill	NO
Batteries		0	0	Waste/Landfill	YES
Fluorescent Bulbs		0	0	Waste/Landfill	YES
Other hazardous Waste		0	0	Waste/Landfill	YES
Leaf and Yard Waste		0	0	Waste/Landfill	YES
#6 (PS) (Expanded Foam)		0	0	Waste/Landfill	NO
Total (Kg)	0.2	0.2	69.2		
Total Bag Weights (Kg)	0.200	0.200	69.200		
Percentage of Bag Weights Sorted (Kg)	100.00%	100.00%	100.00%		

Skilled Trades Training Centre Paper Sort

Sorting Date/ Time	Location				Stream	Recyclable On Campus
Thursday, March 21, 2024 (8:30 AM - 3:00 PM)	Hallway	Office	Total	Total		YES/NO
Sorting Item			Day Totals (kg)	Annual Total (kg)	Sorting	Recyclable
Office Paper		9.3	9.3	3217.8	Paper	YES
Newspaper and Mixed Paper			0	0	Paper	YES
Boxboard			0	0	Paper	YES
Molded Pulp Containers			0	0	Paper	YES
Cardboard (OCC)			0	0	Paper	YES
Polycoat/Aseptic Containers			0	0	Containers	YES
#1 (PET)			0	0	Containers	YES
#2 (HDPE)			0	0	Containers	YES
#3 (PVC)			0	0	Containers	YES
#4 (LDPE)			0	0	Containers	YES
#5 (PP)			0	0	Containers	YES
#6 (PS)(Rigid)			0	0	Containers	YES
#7 (Other)			0	0	Containers	YES
Food and Beverage Cans			0	0	Containers	YES
Food and Beverage (Clear and Coloured) Glass			0	0	Containers	YES
Office Supplies (Recyclable)			0	0	Containers	YES
Coffee Cups			0	0	Containers	YES
Fountain Cups			0	0	Containers	YES
Paper Towels			0	0	Waste/ Landfill	NO
Paper Cups			0	0	Waste/ Landfill	NO
Non-Recyclable Paper			0	0	Waste/ Landfill	NO
Loose Film Bags (#4)	0.01		0.01	3.46	Waste/ Landfill	NO
Laminated Film			0	0	Waste/ Landfill	NO
Other Plastic			0	0	Waste/ Landfill	NO
Other Glass			0	0	Waste/ Landfill	NO
Other Metal			0	0	Waste/ Landfill	YES
Pre-Consumer Food and Beverage			0	0	Waste/ Landfill	NO
Post-Consumer Food and Beverage			0	0	Waste/ Landfill	NO
Wood Pallets			0	0	Waste/ Landfill	NO
Other Wood			0	0	Waste/ Landfill	NO
Electronics			0	0	Waste/ Landfill	YES
Cartridges			0	0	Waste/ Landfill	YES
Construction and Demolition			0	0	Waste/ Landfill	NO
Office Supplies (Reusable)			0	0	Waste/ Landfill	NO
Unclassified			0	0	Waste/ Landfill	NO
Washroom Waste			0	0	Waste/ Landfill	NO
Textiles (Reusable)			0	0	Waste/ Landfill	YES
Textiles (Non-Reusable)			0	0	Waste/ Landfill	NO
Batteries			0	0	Waste/ Landfill	YES
Fluorescent Bulbs			0	0	Waste/ Landfill	YES
Other hazardous Waste			0	0	Waste/ Landfill	YES
Leaf and Yard Waste			0	0	Waste/ Landfill	YES
#6 (PS)(Expanded Foam)			0	0	Waste/ Landfill	NO
Total (Kg)	0.01	9.3	9.31	3221.26		
Total Bag Weights (Kg)	0.100	9.300	9.400			
Percentage of Bag Weights Sorted (Kg)	10.00%	100.00%	99.04%			

Bag Weigh Sheets

Building	Date	From	To	Location	Room Description	Waste Stream	# Bags	Kg/Bag								
								Weight 1	Weight 2	Weight 3	Weight 4	Weight 5	Weight 6	Weight 7	Weight 8	Total Weight
CES-Pembroke	Monday, March 18, 2024	10:00 AM	2:00 PM	Cafeteria/Kitchen	Office+Lunch Room (Cafeteria)	Landfill	1	3.5								3.5
CES-Pembroke	Monday, March 18, 2024	10:00 AM	2:00 PM		Washroom	Landfill	3	0.5	0.35	0.35						0.4
CES-Pembroke	Monday, March 18, 2024	10:00 AM	2:00 PM	Cafeteria/Kitchen	Office+Lunch Room (Cafeteria)	Glass, Cans & Plastic Containers	1	0.4								0.4
CES-Pembroke	Monday, March 18, 2024	10:00 AM	2:00 PM	Unknown	Office	Glass, Cans & Plastic Containers	6	2.6	1.1							3.7
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	ECE Student Cafeteria/Lunch Floor	Cafeteria	Landfill	5	2.5								2.5
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM		Classroom	Landfill	2	0.5	0.3							0.8
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	108/109	Classroom	Landfill	2	1.2	2.2							3.4
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM		Office	Landfill	4	0.9								0.9
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Unknown	Hallways	Landfill	1	0.2								0.2
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Level 2 Washroom / Change room	Washroom	Landfill	4	0.2	0.3	0.6	0.1					1.2
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Outdoor	Outdoor	Landfill	2	0.3	0.6							0.9
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Cafeteria/Kitchen	Cafeteria	Paper/Recycling	1	0.1								0.1
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Outdoor - Three Stream	Outdoor	Glass, Cans & Plastic Containers	1	0.6								0.6
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Cafeteria/Kitchen	Cafeteria	Glass, Cans & Plastic Containers	3	2.3								2.3
Preschool	Monday, March 18, 2024	10:00 AM	2:00 PM	Hallway/Main Floor Lobby	Hallways	Glass, Cans & Plastic Containers	1	0.7								0.7
Lamiston Hills Residence & Event Centre	Monday, March 18, 2024	10:00 AM	2:00 PM	Washroom	Washroom	Landfill	1	1.2								1.2
Lamiston Hills Residence & Event Centre	Monday, March 18, 2024	10:00 AM	2:00 PM		Unknown	Paper/Recycling	1	0.2								0.2
Lamiston Hills Residence & Event Centre	Monday, March 18, 2024		2:00 PM		Unknown	Glass, Cans & Plastic Containers	1	0.25								0.25
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	Lounge 200 Across office 201	Cafeteria	Landfill	1	0.01								0.01
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	Hallway	Hallways	Landfill	2	0.2	1.1							1.3
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	Marketing Office (Second Floor)	Office	Landfill	1	0.8								0.8
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Classroom	Landfill	2	0.3	0.01							0.31
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	OEYC (Ontario Early Years Centre) - Kitchen	Classroom	Landfill	2	1.1	0.01							1.11
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Washroom	Landfill	7	0.9								0.9
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	OEYC (Ontario Early Years Centre)	Classroom	Paper/Recycling	1	0.2								0.2
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	Room 121 Lecture Room	Hallways	Paper/Recycling	1	0.01								0.01
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	Lounge 200 Across office 201	Cafeteria	Paper/Recycling	1	0.1								0.1
North Building	Monday, March 18, 2024	10:00 AM	2:00 PM	12th Year Men's Refit	Hallways	Glass, Cans & Plastic Containers	1	0.2								0.2
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Glass, Cans & Plastic Containers	17	0.5								0.5
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Paper/Recycling	1	0.1								0.1
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM	Office 510-18	Office	Paper/Recycling	1	9.3								9.3
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	1	0.1								0.1
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM	Student Lounge/Cafeteria	Cafeteria	Landfill	2	0.12	0.3							0.42
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Classroom	Landfill	1	0.2								0.2
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Shops	Landfill	4	0.5	0.2	0.3	1.8					2.8
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM		Washroom	Landfill	2	1.1	0.7							1.8
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM	Unknown (Not Tagged)	Unknown	Landfill	2	1.1	0.4							1.5
Skilled Trades Training Centre (STTC)	Monday, March 18, 2024	10:00 AM	2:00 PM	Office	Office	Landfill	5	0.2								0.2
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	4	1.7	0.8	1.9	1	0.4	0.9			6.6
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	8	0.6	2.7	0.5	0.2	0.6	1.3			5.9
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	4	0.5	1.5	1.7	1.4	0.5	0.4			6.6
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	6	0.2	0.5	0.3	1.3	0.7	0.5			3.4
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Landfill	6	0.4	0.4	0.7	1.8	1.4	1.3			7
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Glass, Cans & Plastic Containers	6	1.3	0.6	1	0.3	0.4	1.6			5.2
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Glass, Cans & Plastic Containers	2	1.3								1.3
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Hallways	Paper/Recycling	4	0.2	0.2	0.1	0.5					1.1
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Cafeteria	Landfill	6	0.5	1.3	0.5	1.7	1.5	1			6.7
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Cafeteria	Landfill	3	1.8	0.6	0.7						3.1
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Cafeteria	Glass, Cans & Plastic Containers	6	2.4	0.7	1.7	0.7	1	0.4			6.9
South Building	Monday, March 18, 2024	10:00 AM	2:00 PM		Cafeteria	Glass, Cans & Plastic Containers	2	1.3	0.4							1.7
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Cafeteria	Paper/Recycling	3	0.9	0.5	0.8						2.2
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Shops	Landfill	3	2.6	1.1	0.1						3.8
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Shaffl Lounge (C201)	Cafeteria	Paper/Recycling	1	0.01								0.01
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Shaffl Lounge (C201)	Cafeteria	Glass, Cans & Plastic Containers	1	1								1
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Shaffl Lounge (C201)	Cafeteria	Landfill	1	0.4								0.4
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Fitness 202-203	Fitness Centre	Paper/Recycling	2	0.01	0.05							0.06
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Fitness 202-203	Fitness Centre	Glass, Cans & Plastic Containers	1	0.01								0.01
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Fitness 202-203	Fitness Centre	Landfill	1	0.3	0.01	0.01						0.31
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Labs	Paper/Recycling	1	0.01								0.01
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Labs	Glass, Cans & Plastic Containers	2	0.01	0.01							0.02
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Labs	Landfill	4	0.8	0.3	0.02	0.01					1.13
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Outdoor - Three Stream	Outdoor	Landfill	4	1.3	2.1	3.5	1.3					8.2
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Outdoor - Three Stream	Outdoor	Glass, Cans & Plastic Containers	2	2.6								4.6
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	6	2.2	0.4	1.6	0.3	0.2	0.9			5.6
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	6	1.2	0.3	0.2	0.1	0.4				2.21
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	6	0.2	0.9	0.01	0.9	0.6	0.2			2.81
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	6	0.8	0.01	0.6	0.5	0.5	1.8			4.31
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	6	0.1	1.2	0.3	0.9	0.5	0.2			3.2
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	16	3.8								3.8
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Landfill	13	2.9								2.9
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Washroom	Landfill	6	0.2	0.5	0.2	0.6	0.2	0.2			1.9
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Washroom	Landfill	10	2								2
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Washroom	Landfill	20	4.3								4.3
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Washroom	Landfill	13	2.6								2.6
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Office	Landfill	6	1.3	0.2	0.01	0.1	0.4	0.2			2.21
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Office	Landfill	12	2.8								2.8
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Office	Landfill	25	5.5								5.5
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Glass, Cans & Plastic Containers	5	0.23	0.2	0.3	0.3	0.3				1.35
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Classroom	Paper/Recycling	3	0.01	0.01	0.1						0.12
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM		Labs	Glass, Cans & Plastic Containers	1	0.01								0.01
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Office (KEFO)	Office	Glass, Cans & Plastic Containers	6	0.6	0.01	0.1	0.2	0.02	0.01			0.94
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Office (KEFO)	Office	Glass, Cans & Plastic Containers	1	0.2								0.2
South Building	Tuesday, March 19, 2024	10:00 AM	2:00 PM	Office (KEFO)	Office	Paper/Recycling	6	0.01	0.01	0.4	0.5	0.01	0.01			0.94
						All	358	88.48	25.49	18.1	14.71	9.13	11.82	0	0	171.73

APPENDIX C WASTE AUDIT AND WASTE REDUCTION WORK PLAN SUMMARY FORMS

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 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

I. GENERAL INFORMATION

Name of Owner of Entity(ies) and Company Name: The Lambton College of Applied Arts and Technology		
Name of Contact Person: Paul Cochrane	**Telephone #:** 519-479-0898	**Email Address:** Paul.Cochrane@lambtoncollege.ca
Street Address(es) of Entity(ies): 1457 London Road, Sarnia, ON, N7S 6K4		
Municipality: City of Sarnia, St. Clair Township, Town of Petrolia		

Type of Entity (check one)

Retail Shopping Establishments		Hotels and Motels	
Retail Shopping Complexes		Hospitals	
Office Buildings		Educational Institutions	X
Restaurants		Large Manufacturing Establishments	

II. DESCRIPTION OF ENTITY

Provide a brief overview of the entity(ties):

The Lambton College of Applied Arts and Technology is a post secondary educational institution within Lambton County. It is considered one of the best research colleges in Ontario and in Canada, according to the Research Infosource Inc. rankings, and resonates under the Applied Research & Innovation department. Lambton College is home to programs relating to: Business & Creative Design, Liberal Studies & English; Community Services; Computer Studies; Fire Sciences; Health Sciences and Technology, Energy & Apprenticeship. KPI reports reveal Lambton as being 100% in overall employer satisfaction; representing one of the highest student to employment work rates. In Lambton County, Lambton College is home to 10 buildings/ campuses: South (Main Building); Lambton INN Residence & Event Centre; Skilled Trades Training Centre; Sustainability Smart House; Suncor Sustainability Centre; North Building; Community Employment Services; Fire & Public Safety Centre of Excellence; Industrial Training Centre and the Bluewater Technology Access Centre at the Western Research Park. Annually, Lambton College enrolls approximately 6,000 to 8,000 students (this includes part-time, full-time, apprenticeships and international) and 500 to 1,300 staff (this includes full-time and part-time). This organization has seen positive growth over the years.

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 affect the production of waste.

Categories of Waste	How Is the Waste Produced and What Management Decisions/Policies Affect Its Production?
Office Paper	Produced by staff and students
Newspaper and Mixed Paper	Produced by staff and students
Boxboard	Produced by staff and students, shipping and receiving, Student Administrative Council, Athletics
Molded Pulp Containers	Produced by staff and students
Cardboard (OCC)	Produced from packaged goods, unpackaged in the shipping area or in any other zone.
Polycoat/Aseptic Containers	Produced by staff and students
#1 (PET)	Produced by staff and students
#2 (HDPE)	Produced by staff and students
#3 (PVC)	Produced by staff and students, some construction work
#4 (LDPE)	Produced by staff and students
#5 (PP)	Produced by staff and students
#6 (PS)(Rigid)	Produced by staff and students
#6 (PS) (Expanded Foam)	Produced by staff and students, also packaged goods
#7 (Other)	Produced by staff and students, some construction work
Food and Beverage Cans	Produced by staff and students
Food and Beverage (Clear and Coloured) Glass	Produced by staff and students
Office Supplies (Recyclable)	Produced by staff and students
Paper Towels	Produced by staff and students mostly in washrooms and shops
Paper Cups	Produced by students and staff, as part of studies and operation maintenance
Coffee Cups	Produced from packaged and consumed goods, unpackaged in the shipping area or in any other zone
Fountain Cups	Produced by staff and students
Non-Recyclable Paper	Produced by staff and students
Loose Film Bags (#4)	Produced by staff and students
Laminated Film	Produced by staff and students
Other Plastic	Produced by staff and students
Other Glass	Produced by staff and students
Other Metal	Produced by staff and students
Pre-Consumer Food and Beverage	Produced by staff and students
Post-Consumer Food and Beverage	Produced by staff and students
Wood Pallets	Produced by vendors delivering packaged goods to and from the facility
Other Wood	Produced by staff and students mainly in shops
Leaf and Yard Waste	Produced by some staff and students; mainly from the grounds crew
Electronics	Produced by the IT department when doing computer lab exchanges/ upgrades. Implemented OES (Ontario Electronic Stewardship) program and selected a waste hauler vendor.
Cartridges	Produced by staff and students due to printer and photocopier use
Construction and Demolition	Produced during construction and demolition projects
Office Supplies (Recyclable)	Produced by staff and students
Office Supplies (Reusable)	Produced by staff and students
Unclassified	Produced by staff and students
Washroom Waste	Produced by staff and students, visitors and guests in washroom areas
Textiles (Reusable)	Produced by staff and students
Textiles (Non-Reusable)	Produced by staff and students
Batteries	Produced by staff and students
Fluorescent Bulbs	Produced by facilities when exchanging lightbulbs and capital & renovation projects
Other hazardous Waste	Produced by staff and students as part of program, research and/or operations

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)

Categories	Waste to be Disposed	Reused or Recycled Waste
Office Paper	Place in landfill disposed bins.	Collected from paper recycling receptacles and emptied into recycling totes.
New spaper and Mixed Paper	Place in landfill disposed bins.	Collected from paper recycling receptacles and emptied into recycling totes.
Boxboard	Place in landfill disposed bins.	Collected from paper recycling receptacles and emptied into recycling totes.
Molded Pulp Containers	Place in landfill disposed bins.	Collected from paper recycling receptacles and emptied into recycling totes.
Cardboard (OCC)	Place in landfill disposed bins.	Broken down and collected from paper recycling receptacles and emptied into recycling totes or collected from other areas and emptied into a cardboard dumpster/bin.
Polycoat/Aseptic Containers	Place in landfill disposed bins.	Collected from containers recycling receptacles and emptied into recycling totes.
#1 (PET)	Place in landfill disposed bins.	Collected from containers recycling receptacles and emptied into recycling totes.
#2 (HDPE)	Place in landfill disposed bins.	Collected from containers recycling receptacles and emptied into recycling totes.
#3 (PVC)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
#4 (LDPE)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
#5 (PP)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
#6 (PS)(Rigid)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
#6 (PS) (Expanded Foam)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
#7 (Other)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Food and Beverage Cans	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Food and Beverage (Clear and Coloured) Glass	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Office Supplies (Recyclable)	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Paper Tow els	Place in landfill disposed bins.	
Paper Cups	Place in landfill disposed bins.	
Coffee Cups	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Fountain Cups	Place in landfill disposed bins.	Collected from containers receptacles and emptied into recycling totes.
Non-Recyclable Paper	Place in landfill disposed bins.	
Loose Film Bags (#4)	Place in landfill disposed bins.	
Laminated Film	Place in landfill disposed bins.	
Other Plastic	Place in landfill disposed bins.	
Other Glass	Place in landfill disposed bins.	
Other Metal	Place in landfill disposed bins.	Deposited into a scrap metal bin or delivered to a scrap metal yard for recycling.
Pre-Consumer Food and Beverage	Place in landfill disposed bins.	Participating tenants: Collected from organic composting receptacles and emptied into organic waste totes.
Post-Consumer Food and Beverage	Place in landfill disposed bins.	Participating tenants: Collected from organic composting receptacles and emptied into organic waste totes.
Wood Pallets	Place in landfill disposed bins.	Sent for recycling or reused where applicable.
Other Wood	Place in landfill disposed bins.	Sent for recycling or reused where applicable.
Leaf and Yard Waste	Place in landfill disposed bins.	Participating tenants: Collected from organic composting receptacles and emptied into organic waste totes. The grounds crew reuses the grass clippings on site and any vegetation cut down is used in woodchips or other means.
Electronics	Place in landfill disposed bins.	Collected by a vendor and sent to be recycled/reused.
Cartridges	Place in landfill disposed bins.	Collected by a vendor and sent to be recycled/reused.
Construction and Demolition	Place in landfill disposed bins.	Responsibly handled by contractor and recycled/ reused where applicable.
Office Supplies (Recyclable)	Place in landfill disposed bins.	Where appropriate office supplies are recycled, reused, or donated.
Office Supplies (Reusable)	Place in landfill disposed bins.	Where appropriate office supplies are recycled, reused, or donated.
Unclassified	Place in landfill disposed bins.	
Washroom Waste	Place in landfill disposed bins.	
Textiles (Reusable)	Place in landfill disposed bins.	Donated and reused where applicable.
Textiles (Non-Reusable)	Place in landfill disposed bins.	
Batteries	Place in landfill disposed bins.	Collected and sent to be recycled.
Fluorescent Bulbs	Place in landfill disposed bins.	Collected and sent to be recycled.
Other hazardous Waste		Collected and sent to be recycled or stored safely.

V. ESTIMATED QUANTITY OF WASTE PRODUCED ANNUALLY

	Estimated Amount of Waste Produced (Kg)											
	Generated			Reused			Recycled			Disposed		
Categories of Waste	"A" Base Year 2017-2018	"B" Current Year 2023-2024	"C" Change (B-A)	"A" Base Year	"B" Current Year	"C" Change (B-A)	"A" Base Year	"B" Current Year 2023-2024	"C" Change (B-A)	"A" Base Year	"B" Current Year 2023-2024	"C" Change (B-A)
Office Paper	13,866.6	9,281.8	-4,584.8			0	12,036.9	8,510.5	-3,526.4	1,829.7	771.3	-1,058.4
New spaper and Mixed Paper	26,050.8	11,879.4	-14,171.4			0	15,734.4	6,418.9	-9,315.5	10,316.4	5,460.5	-4,855.9
Boxboard	11,230.7	6,031.2	-5,199.4			0	1,160.0	473.2	-686.8	10,070.7	5,558.0	-4,512.7
Molded Pulp Containers	6,766.1	3,755.0	-3,011.1			0	28.0	15.8	-12.2	6,738.0	3,739.1	-2,998.9
Cardboard (OCC)	34,152.4	33,725.2	-427.2			0	32,293.6	32,693.7	400.1	1,858.8	1,031.5	-827.3
Polycoat/Aseptic Containers	2,851.1	1,457.6	-1,393.5			0	308.9	55.0	-253.9	2,542.2	1,402.6	-1,139.6
#1 (PET)	25,212.1	9,425.2	-15,786.9			0	14,173.2	3,360.4	-10,812.8	11,038.8	6,064.8	-4,974.1
#2 (HDPE)	2,171.9	638.0	-1,533.9			0	1,786.2	424.0	-1,362.2	385.7	214.0	-171.7
#3 (PVC)	0.0	0.0	0.0			0	0.0	0.0	0.0	0.0	0.0	0.0
#4 (LDPE)	0.0	0.0	0.0			0	0.0	0.0	0.0	0.0	0.0	0.0
#5 (PP)	2,182.8	1,042.1	-1,140.7			0	500.8	118.9	-381.9	1,682.0	923.2	-758.8
#6 (PS)(Rigid)	5,940.0	2,628.8	-3,311.2			0	1,897.0	450.3	-1,446.7	4,043.0	2,178.5	-1,864.5
#6 (PS) (Expanded Foam)	557.0	298.9	-258.1			0	0.0	0.0	0.0	557.0	298.9	-258.1
#7 (Other)	530.7	184.2	-346.6			0	347.5	82.5	-265.0	183.2	101.7	-81.5
Food and Beverage Cans	12,308.5	3,963.1	-8,345.4			0	8,996.5	2,135.4	-6,861.2	3,311.9	1,827.7	-1,484.2
Food and Beverage (Clear and Coloured) Glass	4,249.7	1,474.2	-2,775.5			0	2,783.9	660.8	-2,123.1	1,465.8	813.4	-652.4
Office Supplies (Recyclable)	0.0	0.0	0.0			0	0.0	0.0	0.0	0.0	0.0	0.0
Paper Tow els	91,217.6	46,221.8	-44,995.8			0			0.0	91,217.6	46,221.8	-44,995.8
Paper Cups	384.8	203.4	-181.4			0			0.0	384.8	203.4	-181.4
Coffee Cups	12,717.5	7,638.9	-5,078.6			0		678.2	678.2	12,717.5	6,960.7	-5,756.8
Fountain Cups	4,353.4	2,507.5	-1,845.9			0		91.6	91.6	4,353.4	2,415.8	-1,937.6
Non-Recyclable Paper	2,411.2	1,303.5	-1,107.7			0			0.0	2,411.2	1,303.5	-1,107.7
Loose Film Bags (#4)	2,207.8	1,206.9	-1,000.9			0			0.0	2,207.8	1,206.9	-1,000.9
Laminated Film	5,137.6	2,750.3	-2,387.2			0			0.0	5,137.6	2,750.3	-2,387.2
Other Plastic	7,325.3	3,780.3	-3,545.0			0			0.0	7,325.3	3,780.3	-3,545.0
Other Glass	2,198.7	1,220.1	-978.6			0	0.0		0.0	2,198.7	1,220.1	-978.6
Other Metal	22,134.6	19,004.2	-3,130.4			0	21,676.6	18,750.0	-2,926.6	458.1	254.2	-203.9
Pre-Consumer Food and Beverage (includes organics, food w aste and grease)	102,432.0	58,398.2	-44,033.9			0	3,326.8	3,401.8	75.0	99,105.2	54,996.4	-44,108.9
Post-Consumer Food and Beverage	84,791.1	42,826.4	-41,964.7			0			0.0	84,791.1	42,826.4	-41,964.7
Wood Pallets	222.0	222.0	0.0			0	222.0	222.0	0.0	0.0	0.0	0.0
Other Wood	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Leaf and Yard Waste	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Electronics	4,218.3	2,900.0	-1,318.3			0	4,218.3	2,900.0	-1,318.3	0.0	0.0	0.0
Cartridges	922.6	695.4	-227.2			0	922.6	695.4	-227.2	0.0	0.0	0.0
Construction and Demolition	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Office Supplies (Recyclable)	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Office Supplies (Reusable)	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Unclassified (includes miscellaneous multi-material diverted)	7,896.9	31,273.8	23,376.9			0		28,010.0	28,010.0	7,896.9	3,263.8	-4,633.1
Washroom Waste	8,666.5	3,995.9	-4,670.6			0			0.0	8,666.5	3,995.9	-4,670.6
Textiles (Reusable)	2,455.2	1,362.5	-1,092.7			0			0.0	2,455.2	1,362.5	-1,092.7
Textiles (Non-Reusable)	0.0	0.0	0.0			0			0.0	0.0	0.0	0.0
Batteries	103.9	19.0	-84.9			0	103.9	19.0	-84.9	0.0	0.0	0.0
Fluorescent Bulbs	637.1	290.7	-346.4			0	637.1	290.7	-346.4	0.0	0.0	0.0
Other hazardous Waste	11,864.0	64,467.5	52,603.5			0	11,864.0	64,467.5	52,603.5	0.0	0.0	0.0
Total	522,368.2	378,072.5	-144,295.7	0.0	0.0	0.0	135,018.2	174,925.3	39,907.1	387,350.0	203,147.2	-184,202.8
Percent Change (C/A x 100%)			**-27.6%**			**0.0%**			**29.6%**			**-47.6%**

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.

Stated within: THE LAMBTON COLLEGE OF APPLIED ARTS AND TECHNOLOGY SUSTAINABILITY POLICY
Issued Date: November 24, 2011
Policy #: 4000-5-6

Stated within: THE LAMBTON COLLEGE OF APPLIED ARTS AND TECHNOLOGY PURCHASING POLICY
Issued Date: November 28, 2013
Policy #: 4000-2-1

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.

Lambton College has partnered with Friendlier to bring reusable containers into the cafeteria which reduces overall waste generated and recycled by the facility. Staff and students purchase reusable containers at vendors owned and operated by Chartwells when buying selected cafeteria food. There is an opportunity to expand the program across campus.

Students in Lambton's Information Technology Professional program work on the Phoenix Project, where students rebuild computers and donate them to non-profit organizations.

Lambton College's used and unwanted electronics are disposed of through an e-waste recycling third party company.

Continuing to implement Central Recycling Stations throughout the college on an as-needed basis.

Lambton College will be creating an OES (Ontario Electronic Stewardship) program whereby staff and students can bring unwanted and unused electronics from home to be recycled responsibly.

Pens, markers, highlighters and mechanical pencils can now be recycled on campus which are then repurposed.

Batteries are recyclable on campus. Some of these recycled parts are reused to make new batteries or other products and consumer goods.

*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 operators(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 a Waste Audit is complete and correct.		
Signature of authorized official:	**Title:**	**Date:**

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 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

I. GENERAL INFORMATION

Name of Owner of Entity(ies) and Company Name: The Lambton College of Applied Arts and Technology		
Name of Contact Person: Paul Cochrane	**Telephone #:** 519-479-0898	**Email Address:** Paul.Cochrane@lambtoncollege.ca
Street Address(es) of Entity(ies): 1457 London Road, Sarnia, ON, N7S 6K4		
Municipality: City of Sarnia, St. Clair Township, Town of Petrolia		

Type of Entity (check one)

Retail Shopping Establishments		Hotels and Motels	
Retail Shopping Complexes		Hospitals	
Office Buildings		Educational Institutions	X
Restaurants		Large Manufacturing Establishments	

II. DESCRIPTION OF ENTITY

Provide a brief overview of the entity(ties):

The Lambton College of Applied Arts and Technology is a post secondary educational institution within Lambton County. Now considered as one of the top research colleges in Canada under the Applied Research Department, Lambton College is home to programs relating to: Business & Creative Design, Liberal Studies & English; Community Services; Computer Studies; Fire Sciences; Health Sciences and Technology, Energy & Apprenticeship. KPI reports reveal Lambton as being 100% in overall employer satisfaction; representing one of the highest student to employment work rates. In Lambton County, Lambton College is home to 10 buildings/ campuses: South (Main Building); Lambton INN Residence & Event Centre; Skilled Trades Training Centre; Sustainability Smart House; Suncor Sustainability Centre; North Building; Community Employment Services; Fire & Public Safety Centre of Excellence; Industrial Training Centre and the Bluewater Technology Access Centre at the Western Research Park. Annually, Lambton College enrolls approximately 6,000 to 8,000 students (this includes part-time, full-time, apprenticeships and international) and 500 to 1,300 staff (this includes full-time and part-time). This organization has seen positive growth over the years.

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	Source Separation and 3Rs Program
Office Paper	Continue to divert via paper recycling program.
Newspaper and Mixed Paper	Continue to divert via paper recycling program.
Boxboard	Continue to divert via paper recycling program.
Molded Pulp Containers	Continue to divert via paper recycling program.
Cardboard (OCC)	Continue to divert via paper recycling or cardboard program.
Polycoat/Aseptic Containers	Continue to divert via containers recycling program.
#1 (PET)	Continue to divert via containers recycling program.
#2 (HDPE)	Continue to divert via containers recycling program.
#3 (PVC)	Continue to divert via containers recycling program.
#4 (LDPE)	Continue to divert via containers recycling program.
#5 (PP)	Continue to divert via containers recycling program.
#6 (PS)(Rigid)	Continue to divert via containers recycling program.
#6 (PS) (Expanded Foam)	Find waste hauler that will recycle this material.
#7 (Other)	Continue to divert via containers recycling program.
Food and Beverage Cans	Continue to divert via containers recycling program.
Food and Beverage (Clear and Colour	Continue to divert via containers recycling program.
Office Supplies (Recyclable)	Encourage staff and students to donate unwanted items.
Paper Towels	Implement into an organics collection composting program.
Paper Cups	Implement into an organics collection composting program.
Coffee Cups	Continue to divert via containers recycling program.
Fountain Cups	Continue to divert via containers recycling program.
Non-Recyclable Paper	-
Loose Film Bags (#4)	Encourage staff and students to bring reusable bags.
Laminated Film	-
Other Plastic	Encourage staff and students to donate unwanted items.
Other Glass	Encourage staff and students to donate unwanted items.
Other Metal	Encourage staff and students to donate unwanted items.
Pre-Consumer Food and Beverage	Implement into an organics collection composting program.
Post-Consumer Food and Beverage	Implement into an organics collection composting program.
Wood Pallets	Investigate new vendor take back program.
Other Wood	Investigate new vendor take back program.
Leaf and Yard Waste	Implement into an organics collection composting program.
Electronics	Expand on the electronics recycling program for external opportunities.
Cartridges	Will continue to divert if other hazardous substances are produced.
Construction and Demolition	Continue to divert via construction and demolition diversion program.
Office Supplies (Recyclable)	Encourage staff and students to donate unwanted items.
Office Supplies (Reusable)	Encourage staff and students to donate unwanted items.
Unclassified	-
Washroom Waste	-
Textiles (Reusable)	Encourage staff and students to donate unwanted items.
Textiles (Non-Reusable)	-
Batteries	Expand on the batteries recycling program.
Fluorescent Bulbs	Continue to divert via fluorescent bulb recycling program.
Other hazardous waste	Investigate alternatives to generating hazardous waste through the school year as opportunities arise.

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 #
Reduce: Paul Cochrane	Communications, announcements, bin labels, e-newsletters, etc.	519-479-0898
Reuse: Paul Cochrane	Manage reduction and reuse programs. Look into programs where supplier takes back packaging or old/damaged goods.	519-479-0898
Recycle: Paul Cochrane	Collection contracts, search for new markets for materials currently not recycled. Expand on the collections recycling programs.	519-479-0898

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
Office Paper	Completed
Newspaper and Mixed Paper	Completed
Boxboard	Completed
Molded Pulp Containers	Completed
Cardboard (OCC)	Completed
Polycoat/Aseptic Containers	Completed
#1 (PET)	Completed
#2 (HDPE)	Completed
#3 (PVC)	Completed
#4 (LDPE)	Completed
#5 (PP)	Completed
#6 (PS)(Rigid)	Completed
#6 (PS) (Expanded Foam)	Investigate new collection opportunity.
#7 (Other)	Completed
Food and Beverage Cans	Completed
Food and Beverage (Clear and Coloured) Glass	Completed
Office Supplies (Recyclable)	TBD
Paper Towels	TBD
Paper Cups	TBD
Coffee Cups	Completed. Now accepted in the containers stream.
Fountain Cups	Completed. Now accepted in the containers stream.
Non-Recyclable Paper	-
Loose Film Bags (#4)	TBD
Laminated Film	-
Other Plastic	-
Other Glass	-
Other Metal	Completed. Accepted in scrap metal bin.
Pre-Consumer Food and Beverage	TBD
Post-Consumer Food and Beverage	TBD
Wood Pallets	Investigate new collection opportunity
Other Wood	Investigate new collection opportunity
Leaf and Yard Waste	Completed
Electronics	Completed. Expand on the electronics collection program.
Cartridges	Completed
Construction and Demolition	Completed
Office Supplies (Recyclable)	TBD
Office Supplies (Reusable)	TBD
Unclassified	-
Washroom Waste	-
Textiles (Reusable)	TBD
Textiles (Non-Reusable)	-
Batteries	Completed. Expand on the batteries collection program.
Fluorescent Bulbs	Completed
Other hazardous waste	Completed

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:

The Waste Audit and Waste Reduction Work Plan will be posted under the Facilities Management webpage on the lambtoncollege.ca website. It will be reviewed for AODA compliancy prior to posting. Depending on the web space, an infographic or summary report may just be posted with a link or contact information for viewers who would like to receive a full copy of the report and plan. Other forms of communication could involve: posting on Facilities Management bulletin boards, TV screens, email notices, in-class presentations, student orientations, etc.

VII. ESTIMATED WASTE PRODUCED BY MATERIAL TYPE AND THE PROJECTED AMOUNT TO BE DIVERTED BY THE 3Rs

Material Categories	Estimated Annual Waste Produced * (kg)	Name of Proposed 3Rs Program	Projections to Reduce, Reuse or Recycle Waste (kg)			Estimated Annual Amount to be Diverted ** (%)
			Reduce	Reuse	Recycle	
Office Paper	9,281.8	Paper Recycling			9,281.8	100%
Newspaper and Mixed Paper	11,879.4	Paper Recycling			10,691.4	90%
Boxboard	6,031.2	Paper Recycling			6,031.2	100%
Molded Pulp Containers	3,755.0	Paper Recycling			3,755.0	100%
Cardboard (OCC)	33,725.2	Paper/ Cardboard Recycling			33,725.2	100%
Polycoat/Aseptic Containers	1,457.6	Containers Recycling			1,311.8	90%
#1 (PET)	9,425.2	Containers Recycling			8,482.6	90%
#2 (HDPE)	638.0	Containers Recycling			574.2	90%
#3 (PVC)	0.0	Containers Recycling			0.0	100%
#4 (LDPE)	0.0	Containers Recycling			0.0	100%
#5 (PP)	1,042.1	Containers Recycling			937.9	90%
#6 (PS)(Rigid)	2,628.8	Containers Recycling			2,365.9	90%
#6 (PS) (Expanded Foam)	298.9	-			0.0	0%
#7 (Other)	184.2	Containers Recycling			165.7	90%
Food and Beverage Cans	3,963.1	Containers Recycling			3,566.8	90%
Food and Beverage (Clear and Coloured) Glass	1,474.2	Containers Recycling			1,326.8	90%
Office Supplies (Recyclable)	0.0	Donation Program			0.0	50%
Paper Towels	46,221.8	Paper Towel Recycling			6,933.3	15%
Paper Cups	203.4	Paper Cup Recycling			61.0	30%
Coffee Cups	7,638.9	Containers Recycling			3,819.5	50%
Fountain Cups	2,507.5	Containers Recycling			1,253.7	50%
Non-Recyclable Paper	1,303.5	-			0.0	0%
Loose Film Bags (#4)	1,206.9	-			0.0	0%
Laminated Film	2,750.3	-			0.0	0%
Other Plastic	3,780.3	-			0.0	0%
Other Glass	1,220.1	-			0.0	0%
Other Metal	19,004.2	Scrap Metal Recycling			18,814.1	99%
Pre-Consumer Food and Beverage	58,398.2	Food Waste Composting			40,878.7	70%
Post-Consumer Food and Beverage	42,826.4	Food Waste Composting			21,413.2	50%
Wood Pallets	222.0	Pallet Recycling			222.0	100%
Other Wood	0.0	Other Wood Reuse or Recycling			0.0	0%
Leaf and Yard Waste	0.0	Reuse			0.0	0%
Electronics	2,900.0	Electronics Recycling			2,900.0	100%
Cartridges	695.4	Cartridges Recycling			695.4	100%
Construction and Demolition	0.0	Construction and Demolition Reuse and Recycling			0.0	50%
Office Supplies (Recyclable)	0.0	Various Recycling programs			0.0	50%
Office Supplies (Reusable)	0.0	Asset Surplus Sale/ Auction Reuse Program			0.0	100%
Unclassified	31,273.8	-			0.0	
Washroom Waste	3,995.9	-			0.0	
Textiles (Reusable)	1,362.5	Textiles exchange program			1,226.2	90%
Textiles (Non-Reusable)	0.0	-			0.0	
Batteries	19.0	Battery Recycling			19.0	100%
Fluorescent Bulbs	290.7	Fluorescent Bulb Recycling			290.7	100%
Other hazardous waste	64,467.5	Hazardous Waste Recycling			64,467.5	100%
Total	378,072.5	-	0	0	245,210.6	65%

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

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

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

Signature of authorized official:	Title:	Date:

9.0 REFERENCES

1 United States Environmental Protection Agency. (2018). Greenhouse Gases Equivalencies Calculator - Calculations and References. *Energy and the Environment*. Retrieved from <https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references>

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12 Jacobs, J. (2021). How Much Does A Pizza Weigh? *The Cold Wire.* Retrieved from <https://www.thecoldwire.com/how-much-does-a-pizza-weigh/>

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