Spring 2021
Oxford County
Single Family Curbside Garbage Stream Composition Study

Waste Composition Study Report

Prepared for

Oxford County

Prepared by

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July 20, 2021

Project No. OXF_WAC2021_097

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EXECUTIVE SUMMARY

Oxford County contracted AET Group Inc. (AET) to conduct a single family residential curbside garbage stream audit over the course of two weeks from May 31 – June 11, 2021.

The audit included the collection and sorting of garbage from 24 sample areas of ten households each (240 households). Each sample area was distinguished as either urban/village or rural depending on the dispersal of homes and use of land within the immediate sampling area. Curbside set-out data (e.g. participation, number & fullness of items set out) and garbage stream composition data was analyzed for each sample area.

Key Findings

Set out & Participation Results:

- Garbage (combined urban/village & rural) – Participation rate of 50.52% (proportion of households that have garbage set out on any given week) for the garbage stream. The average number of full container equivalents per household with a set out was 1.42.
- *Garbage (Rural areas)* – Participation rate of 30.83% for the garbage steam. The average number of full container equivalents per household with a set out was 1.58.
- *Garbage (Urban/Village) areas* – Participation rate of 57.10% for the garbage stream. The average number of full container equivalents per household with a set out was 1.39.
- Recycling (combined urban/village & rural) – Participation rate of 64.68% (proportion of households that have recycling set out on any given week) for the recycling stream. The average number of full container equivalents per household with a set out was 2.06.
- *Recycling (Rural)* – Participation rate of 39.08% for the recycling steam. The average number of full container equivalents per household with a set out was 1.80.
- *Recycling (Urban/Village)* – Participation rate of 73.91% for the recycling stream. The average number of full container equivalents per household with a set out was 2.12.

Garbage Stream Composition:

- Estimated average curbside garbage stream generation rate of a single family household is 6.63 kg/hh/wk (kilograms/household/week). The average for rural households was 3.32 kg/hh/wk, while urban/village areas was 7.63 kg/hh/wk.

- Organics was the largest component of the garbage stream at 3.80 kg/hh/wk or 57.40%. This category consisted of avoidable food waste, unavoidable food waste, fats, oils, & greases, tissue & paper towels, and pet waste (excludes leaf/yard waste). Avoidable food waste contributes 1.34 kg/hh/wk or 20.20% of the total combined garbage stream.

- Curbside Recyclable materials contribute to 0.72 kg/hh/wk or 10.84% of the garbage stream.

1.0 INTRODUCTION

1.1 Definitions

Avoidable/Unavoidable Food Waste:
Food waste found throughout the audit was either classified as Avoidable or Unavoidable. Avoidable food waste consists of food that is or was edible (e.g. leftovers, moldy bread, etc.). Unavoidable food waste consists of food that is inedible (e.g., bones, eggshells, fruits/vegetable peels/scraps, etc.).

Garbage Stream:
Material that is collected for disposal rather than diversion. It will include divertible material (recyclable/compostable materials) where the diversion programs are not operating at 100% capture. This material is sometimes referred to as residual waste or landfilled.

HSW/HHW:
Household Special Waste/Household Hazardous Waste is material that is potentially harmful to the environment (hazardous) and should be disposed of through special handlers (e.g. motor oil, batteries, chemicals, paint, etc.).

Participation Rate:
The percentage of the total households sampled that placed a bag, box, cart, or container of material out for curbside collection on a given week.

Recycling Stream:
Material that is diverted from the garbage stream in a recycling program such as Blue Box recycling. May also be referred to as "Recyclables". Within this report common recyclables are referred to as the items accepted in Oxford County's curbside recycling program.

1.2 Background

Oxford County contracted AET Group Inc (AET) to conduct a curbside residential garbage composition audit. The study will help improve understanding of current program use, identify areas for program improvement and build public communication campaigns.

1.3 Audit Scope

Single family Residential Curbside Audit
The scope of this portion of the study involved a physical audit of garbage generated curbside in the garbage stream during a two-week sample collection period from 240 single family households across the County. Two teams were deployed to complete the study from Monday May 31st- Friday June 11th, 2021, during which the garbage stream material generated and sampled during the auditing period was subject to waste composition analysis. The auditors also

carried out full curbside participation and set-out surveying, including curbside recycling, to determine the types and amounts of materials set out for collection. The auditing schedule is displayed in Table 1.1.

Table 1.1 Spring Audit Schedule

Oxford County - Curbside Team Schedules					
Week 1					
	Monday, May 31	Tuesday, June 1	Wednesday, June 2	Thursday, June 3	Friday, June 4
Team A	119 Carnegie Street (Ingersoll) 8:15am	200 Three Wood Dr (Woodstock) 10:30am	5 Lindsay St. (Tillsonburg) 9:15am	1165 Iroquois Cres. (Woodstock) 8:00am	35 River Rd/Young/Fennel (Blandford-Blenheim) 8:50am
	John Street (Zorra) - 2:00pm	22 Gibson Dr. (Tillsonburg) 3pm	13 Thistle Ct (Tillsonburg) - 11:20am	830 Springbank Ave (Woodstock) 10:30am	926862 Oxford Road 8 (Blandford-Blenheim) 10:00am
	355625 - 35th Line (Zorra) 2:30pm	Could check Greenwood Rd on the way to/from Three Wood Dr		583398 Hamilton Rd (South-West Oxford) 10:30 - 12:00	
			**Wed Route clustered-> divvy up		**Fri Route clustered/far
Team B	King Street (Woodstock) - 7:30am*	273 Tunis St. (Ingersoll) - 7:30am	283465 Daniel Rd. (South-West Oxford) 12:30 - 2:00pm	4 Clyde St. (Norwich) 9:00am	51 Liebler Street (East Zorra-Travistock) 9:20am
	Cross Place (Woodstock) - 7:30am	30 Laurel Crescent (Ingersoll) 9:30am	8 King St (Tillsonburg) - 2:00pm	Quaker St. (Norwich) 9:00am	677181 16th Line (East Zorra-Travistock) 12:00pm
	Totten Place (Woodstock) - 8:30am	10 Greenwood Rd. (Ingersoll) 1:40pm			
Week 2					
	Monday, June 7	Tuesday, June 8	Wednesday, June 9	Thursday, June 10	Friday, June 11
Team A	119 Carnegie Street (Ingersoll) 8:15am	200 Three Wood Dr (Woodstock) 10:30am	5 Lindsay St. (Tillsonburg) 9:15am	830 Springbank Ave (Woodstock) 7:30am	35 River Rd/Young/Fennel (Blandford-Blenheim) 8:50am
	John Street (Zorra) - 2:00pm	10 Greenwood Rd. (Ingersoll) 1:40pm	13 Thistle Ct (Tillsonburg) - 11:20am	1165 Iroquois Cres. (Woodstock) 10:30am	926862 Oxford Road 8 (Blandford-Blenheim) 10:00am
	355625 - 35th Line (Zorra) 2:30pm	22 Gibson Dr. (Tillsonburg) 3pm			
			**Wed Route clustered-> divvy up		**Fri Route clustered/far
Team B	King Street (Woodstock) - 7:30am*	273 Tunis St. (Ingersoll) - 7:30am	8 King St (Tillsonburg) - 2:00pm	4 Clyde St. (Norwich) 9:00am	51 Liebler Street (East Zorra-Travistock) 9:20am
	Cross Place (Woodstock) - 9:00am	30 Laurel Crescent (Ingersoll) 9:30am		Quaker St. (Norwich) 9:00am	677181 16th Line (East Zorra-Travistock) 12:00pm
	Totten Place (Woodstock) - 11:00am	Could check Greenwood Rd on the way to/from Ingersol		283465 Daniel Rd. (South-West Oxford) 12:30 - 2:00pm	583398 Hamilton Rd (South-West Oxford) 10:30 - 12:00
Daniel Rd. and Hamilton Rd have 6-day collection schedules, different collection day week 1 vs week 2					
Different times given for week 1 vs 2 based on Garbage vs. Garbage/Recycling					
*King street under construction, must be picked up before 7:30am					
**On Wed & Fri : choose route that best suits the teams, possible options: collect together, send one team only, one team early pass/one later, etc.					

2.0 APPROACH AND METHODOLOGY

2.1 Single Family Residential Curbside

Waste Sampling Process

AET Group Inc. collected garbage material from 240 single family residential curbside households over a two week sampling period. The residential areas were selected in consultation with the County to represent the various collection zones and demographics across the service area. When possible, the areas and households selected were the same as sampled in a similar 2017 curbside audit. All garbage material was collected from the selected households and brought back to a central location with each sample area sorted separately. The 240 households were segregated into 24 sample areas of 10 households each, as summarized in table 2.1 below. Note that each sample area was classified as either rural or urban, to assist with data analysis.

Table 2.1 Single Family Residential Curbside Sample Areas

Sample Areas		
Street	**Municipality**	**Sample Area Classification**
35th Line	Zorra	Rural*
John Street	Zorra	Urban/Village
Totten Place	Woodstock	Urban/Village
Cross Place	Woodstock	Urban/Village
King Street (Woodstock)	Woodstock	Urban/Village
Tunis Street	Ingersoll	Urban/Village
Laurel Crescent	Ingersoll	Urban/Village
Greenwood Road	Ingersoll	Urban/Village
Carnegie Street	Ingersoll	Urban/Village
Three Wood Drive	Woodstock	Urban/Village
Daniel Road	South-West Oxford	Rural
Gibson Drive	Tillsonburg	Urban/Village
Lindsay Street	Tillsonburg	Urban/Village
King Street (Tillsonburg)	Tillsonburg	Urban/Village
Hamilton Road	Ingersoll/South-West Oxfor	Rural
Thistle Court	Tillsonburg	Urban/Village
Iroquois Crescent	Woodstock	Urban/Village
Springbank Avenue	Woodstock	Urban/Village
Clyde Street	Norwich	Urban/Village
Quaker Street	Norwich	Rural*
River Road/Young Street West/Fennel Street	Blandford-Blenheim	Urban/Village
Oxford Road 8	Blandford-Blenheim	Rural*
16th Line	East Zorra-Travistock	Rural*
Liebler Street	East Zorra-Travistock	Urban/Village

*Adjacent or atttached farmland on properties

Collection Logs

Collection logs were maintained during the single family residential curbside collection for each of the 240 households. Information recorded in the log for included: the number and size of garbage and recycling cart/bin/container/bag items, combined fullness equivalent of items in each stream, time of AET team arrivals and if any haulers were observed in the area.

Upon analysis, collection log data provides an understanding of the total number of households with or without setouts, number of items each resident set out, average full container equivalents, and participation rates. Analysis was completed for rural and urban/village areas separately and combined.

Material Sorting Process

All collected materials were physically sorted and weighed separately (in individually tared bins) into approximately 6 primary (Paper, Plastic, Metal, Glass, Organics, and Other) and 37 secondary categories (e.g., Newsprint, Recyclable Glass Containers, Clean Wood, Textiles, etc.) at the Oxford County Waste Management Facility located at 384060 Salford Road in Oxford County. The full list of sort categories can be found in Appendix B 1. AET made every reasonable effort to separate multi-material items and to separate food waste from their packaging.

Prior to weighing the sorted material, AET photographed any substantial or unusual material categories and items found. All sorted material was weighed for each sample using a digital scale (0.01 kg precision up to 40kg +/- 1% of true weight). Tare weights of the bins used for sorting were verified prior to the audit and checked regularly throughout the study to maintain accuracy. Light materials were weighed directly on the scale. The weight of each individual material category was recorded on a waste sort worksheet. Any unusual materials/items which may have not been representative, or which may have significantly affected the overall composition of the sample were also noted on the worksheet. Additional notes were made on the worksheet describing the contents of categories labeled “other” (e.g. other plastic would be identified – blister packaging, toothpaste tubes, etc.).

Once all waste material was classified and weighed, non-divertible material was placed in a large roll-off bin that was emptied by Oxford County Facility staff when needed. Likewise, post-audited recyclable material was placed in designated recycling totes in which Oxford County staff transferred to the appropriate facility area. Organic material disposal was not provided and therefore placed with garbage waste.

2.2 Assumptions, Limitations & Calculations

This audit assumes that the selected households are representative of the composition of waste generated by single family households in Oxford County. Sampling areas were defined as either urban/village or rural based on the spread or density of the households within the area and any attached/adjacent land use such as agricultural farming.

This audit assumes setout behaviour in rural areas was reflective of normal conditions for residents. Many rural areas had minimal setouts and it is assumed waste generated by these households may be collected by private haulers.

The audit occurred over a 2-week period in May and June, which best represents waste generation and composition for that time of year. Further seasonal audits would be recommended for a more accurate depiction of waste generation and composition over time.

Annual household generation rates were estimated by extrapolating the kg/household/week audit results to a full year equivalent. Overall estimated annual waste generation was calculated by multiplying the kg/household/year weight by the number of single family residential households in the County (proportionally weighted urban/village and rural), excluding multi-family residences.

This audit assumes that number of households statistics provided by Oxford County are accurate. The number of households per township was determined by the 2016 Municipal Property Assessment Corporation (MPAC) dataset.

The following calculations were used to calculate the overall generation of waste. The results were averaged to calculate the overall results displayed in this report.

Weekly Waste Generation (kg/hh/wk):

$$\frac{\left(\frac{\text{weight of material generated over two week audit period}}{\text{\# of hhlds sampled}}\right)}{\text{14 days}} \times (\text{7 days})$$

Yearly Waste Generation (kg/hh/yr):

$$\left(\frac{\text{weight of material generated over two week audit period}}{\text{14 days}}\right) \times (\text{365 days/year})$$

It should be noted that calculations for samples collected from Southwest Oxford were adjusted to account for the 6-day collection cycle there, representing 8 days of waste generation.

3.0 RESULTS AND DISCUSSION

Results shown in this section are summarized into primary and secondary categories. Detailed tables by material sub-category are available in Appendix A1. Please note for the purposes of this study, materials have been classified as 'recyclable', 'organic' or 'non-divertible' based on their acceptance into the curbside diversion programs (Blue Box, Leaf/Yard or Garbage).

For illustrative purposes, some of the results have been extrapolated to estimated generation rates of kilograms per household per week (kg/hh/wk) and kilograms per household per year (kg/hh/yr).

3.1 Collection Results

As mentioned in the assumptions section of this report, some rural/farmland areas had little to no setouts, resulting in lower average participation and setout results. To better understand the trends seen during collection, sample areas have been classified as either "urban/village" or "rural". Collection survey results for both garbage and recycling streams were recorded, though only the garbage stream was collected for further auditing.

The average number of garbage and recycling items set out per single family household per week in Oxford County is 0.36 and 1.22, respectively. An item is defined as a bag, blue box or garbage can (a garbage can which contained multiple bags would only count a 1 item). The average full container equivalent per setout per week for garbage and recycling is 0.36 and 1.16, respectively. Finally, participation rates for the garbage and recycling streams are 50.52% and 64.68%, respectively. For the purposes of this study, the participation rate is the proportion of households that have an item set out in a particular stream on any given week (e.g., if a household had garbage set out in week 1, but not week 2, the participation rate is calculated as ½ or 50%). Urban/village sample areas had higher recycling participation rates vs. rural areas (73.91% vs. 39.08%) and higher garbage participation rates vs. rural areas (57.10% vs. 30.83%).

The curbside collection surveying results can be found in Table 3.1. The results show averages for recycling and garbage for all households sampled, urban/village areas only, and rural areas only. It should be noted that Woodstock's recycling collection schedule allows for residents to set out recycling only once every two weeks. The calculations in the table below account for the 60 households sampled in Woodstock on this schedule.

Table 3.1 Collection Survey Results

Oxford County Single Family Waste Curbside Collection Survey Results						
Week #1	**Recycling (Combined)**	**Garbage (Combined)**	**Recycling (Urban/Village)**	**Garbage (Urban/Village)**	**Recycling (Rural)**	**Garbage (Rural)**
Number of households sampled[1]	210	240	150	180	60	60
Number of households with set outs	136	122	111	102	25	20
Number of items	281	179	237	145	44	34
Number of full container equivalents	274	177	232	143	43	34
Participation Rate	64.76%	50.83%	74.00%	56.67%	41.67%	33.33%
Week #2	**Recycling (Combined)**	**Garbage (Combined)**	**Recycling (Urban/Village)**	**Garbage (Urban/Village)**	**Recycling (Rural)**	**Garbage (Rural)**
Number of households sampled[1]	209	239	149	179	60	60
Number of households with set-outs	135	120	110	103	22	17
Number of items	302	169	253	144	49	25
Number of full container equivalents	284	166	238	141	42	25
Participation Rate	64.59%	50.21%	73.83%	57.54%	36.50%	28.33%
Total (Two Week Period)	**Recycling (Combined)**	**Garbage (Combined)**	**Recycling (Urban/Village)**	**Garbage (Urban/Village)**	**Recycling (Rural)**	**Garbage (Rural)**
Total number of households sampled[1]	419	479	299	359	120	120
Total number of household set-outs	271	242	221	205	47	37
Total number of items	583	348	490	289	93	59
Total number of full container equivalents	558.00	342.50	469.00	284.00	84.50	58.50
Average number of items/hh/wk[2]	1.22	0.36	1.36	0.40	0.77	0.25
Average number of full container equivalents/hh/wk[2]	1.16	0.36	1.31	0.40	0.70	0.24
Average number of full container equivalents/set out[3]	2.06	1.42	2.12	1.39	1.80	1.58
Participation Rate	64.68%	50.52%	73.91%	57.10%	39.08%	30.83%

[1] Number of households sampled is adjusted to omit those households that were picked up by hauler prior to the audit team's arrival or households opting out of study.

[2] Averaged across all sampled households (including those with no setouts, but not those collected by hauler). This does not represent the average per household with a setout.

[3] Averaged total number of full container equivalents per household setouts with consideration of heavier set-outs from 3 streets with bi-weekly setout schedules

3.2 Garbage Stream Composition Results

An estimated 345.62 kg/hh/yr of material placed in the garbage stream, largely consisting of Non-Recyclable Material (29.63%), Avoidable Food Waste (27.34%), and Unavoidable Food Waste (17.76%). However, 10.84% of Oxford County's single family household garbage stream consists of divertible material. See Figure 3.1 for a more detailed breakdown.

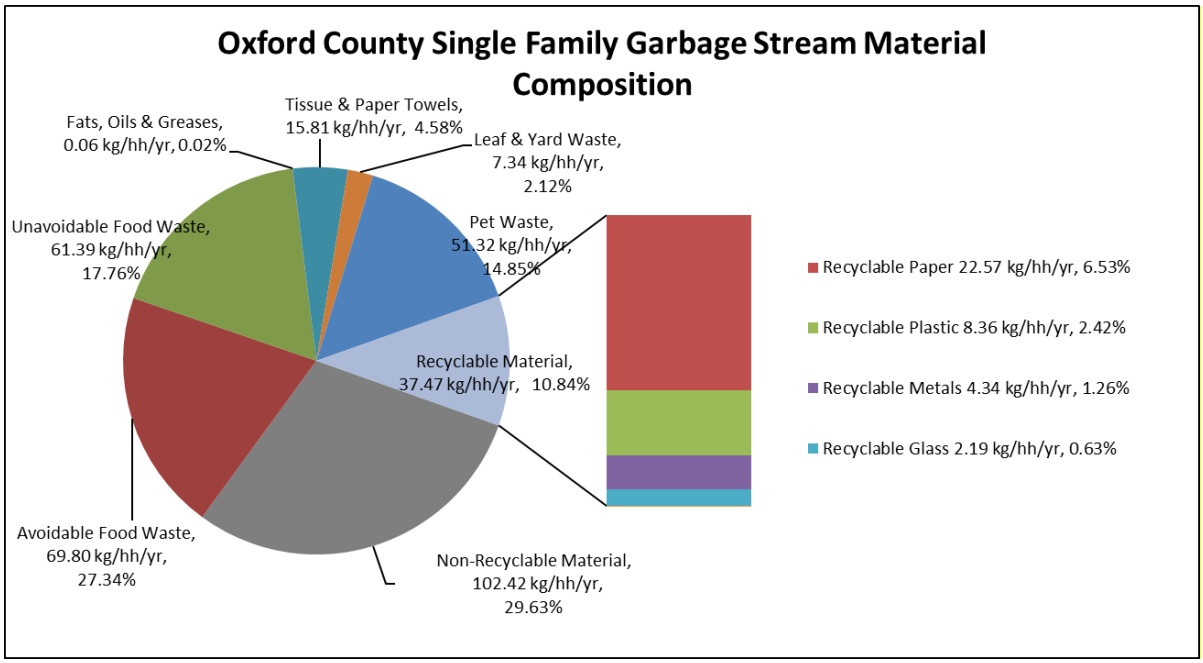


Figure 3.1 Garbage Composition

3.3 Garbage Stream Results by Municipality

Table 3.2 shows a general summary of the curbside audit results by municipality. It should be noted that the audit sampling methodology was designed to provide a picture of Oxford County as a whole (i.e., 240 households from 24 sampling areas representing overall mix of housing types and demographics across County). Although samples were collected from each municipality within the County, caution should be exercised when looking at any municipality's results on their own, as the number of households sampled in any given municipality are not necessarily representative of the whole municipality.

Table 3.2 Garbage Stream Results by Municipality

	Woodstock	Zorra	South-West Oxford	Ingersoll	Tilsonburg	Norwich	East Zorra-Tavistock	Blandford-Blenheim
Participation Rate	54.17%	30.00%	17.50%	60.00%	59.49%	47.50%	30.00%	80.00%
Generation (kg/HH/wk)	9.16	4.43	2.18	14.76	6.58	4.96	1.86	7.72
Leaf & Yard Waste (%)	1.55%	1.57%	2.01%	1.88%	2.97%	0.34%	2.02%	2.21%
Leaf & Yard Waste (kg/HH/wk)	0.14	0.07	0.04	0.28	0.20	0.02	0.04	0.17
Avoidable Food Waste (%)	22.99%	17.57%	5.45%	20.91%	20.93%	18.43%	14.02%	14.70%
Avoidable Food Waste (kg/HH/wk)	2.11	0.78	0.12	3.09	1.38	0.91	0.26	1.14
Unavoidable Food Waste (%)	19.77%	17.21%	10.25%	11.56%	19.01%	12.36%	36.19%	22.76%
Unavoidable Food Waste (kg/HH/wk)	1.81	0.76	0.22	1.71	1.25	0.61	0.67	1.76
Pet Waste (%)	9.82%	21.74%	21.74%	21.40%	18.60%	3.63%	1.59%	20.18%
Pet Waste (kg/HH/wk)	0.90	0.96	0.47	3.16	1.22	0.18	0.03	1.56
Fats, Oils & Greases (%)	0.00%	0.01%	0.00%	0.03%	0.07%	0.00%	0.00%	0.00%
Fats, Oils & Greases (kg/HH/wk)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Tissue & Paper Towels (%)	4.35%	7.09%	3.09%	3.65%	4.72%	3.81%	6.11%	5.25%
Tissue & Paper Towels (kg/HH/wk	0.40	0.31	0.07	0.54	0.31	0.19	0.11	0.41
Recyclables (%)	12.00%	6.93%	10.75%	9.22%	12.62%	15.69%	8.90%	7.93%
Recyclables (kg/HH/wk)	1.10	0.31	0.23	1.36	0.83	0.78	0.17	0.61
Other Materials (%)	29.51%	27.89%	46.71%	31.34%	21.08%	45.75%	31.17%	26.97%
Other Materials (kg/HH/wk)	2.70	1.24	1.02	4.63	1.39	2.27	0.58	2.08

3.4 Waste Diversion Opportunities

Based on the results gathered, there are potential waste diversion opportunities that should be considered. The following summarizes the materials currently found in the garbage stream, which are either divertible or causing contamination.

Source Separated Organics Program

Oxford County currently does not have a source separated organics program to divert organic material from the waste stream. Avoidable food waste (20.20%), unavoidable food waste (17.76%), and paper tissue/towelling (4.58%), comprise a cumulative 42.53% of all garbage generated. Even excluding sometimes non-accepted green bin materials from these categories (e.g., cooking oils, bones etc.), the implementation of a source separated organics program would have an immediate and significant impact on the amount of landfilled material.

Increase Diversion of Blue Box Material

Divertible material (material accepted in the existing blue box program) composes 10.84% of all garbage material in Oxford County. The top divertible material found in the garbage stream is mixed recyclable paper. Mixed recyclable paper includes items such as: mixed fine paper, kraft paper, boxboard, moulded pulp, magazines and catalogues, telephone books, non-foil gift wrap, and unsoiled paper plates.

Other notable divertible materials found in the garbage stream are other recyclable plastics and recyclable metal containers, contributing 6.14 kg/hh/yr (1.78%) and 4.34 kg/hh/yr (1.26%), respectively. Other recyclable plastics include #1 PET thermoform, #2 HDPE bottles, jars, and jugs, wide mouth containers, #5 polypropylene tubs and lids, rigid plastics (#3, #4, #6, #7) yogurt tubs, sour cream containers, clamshell containers. Recyclable metal containers commonly found include steel and aluminum food and beverage cans, aluminum foil, empty steel paint cans, and empty aerosol containers. Table 3.2 has a detailed breakdown of divertible material found in the garbage stream.

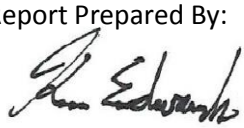
Table 3.3 Divertible Material in Garbage

Material Category	Per Household Per Year kg/hh/yr	Percent of Total Material Generated
Mixed Recyclable Paper	16.44	4.76%
Other Recyclable Plastics	6.14	1.78%
Recyclable Metal Containers	4.34	1.26%
Paper Cups	2.27	0.66%
#1 PET Bottles & Jars	2.23	0.64%
Recyclable Glass Containers	2.19	0.63%
Corrugated Cardboard	1.83	0.53%
Polycoat/Composite Containers	1.49	0.43%
Newsprint	0.54	0.16%
Total	**37.47**	**10.84%**

Alternative Disposal Methods

Sampling areas noted as rural areas appeared to be houses attached/adjacent to farmland/agricultural property. Sixty households were classified to be rural sampling areas. As previously noted, curbside participation rates for rural household are considerably lower than for urban/village. Many rural households (farms) are known to have private collection service providers collect waste from their properties. Although the audit results have been weighted proportionally between urban/village and rural households, the fact that many rural farm properties do not use the curbside program(s) reduces the County's overall curbside generation rates.

Report Prepared By:



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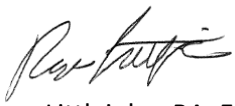

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Disclaimer

AET Group Inc. makes no warranty and assumes no liability for the information contained in this report outlining the waste audit study results. These results reflect measurements made over the two-week study period as described in the methodology. As such, waste generation measurements should be considered snapshots and may not reflect accurately conditions across Oxford County over time. These reported generation, capture, diversion, and contamination rates more accurately reflect the quantity of each material generated over the study period and have been extrapolated to calculate annual rates based on 365 days a year as outlined in the calculations.

Oxford County Single Family Waste Composition Study: Spring 2021

Municipality:		Zorra	Zorra	Zorra	Zorra	Woodstock	Woodstock	Woodstock	Woodstock	Woodstock
Sample Area:		35th Line	35th Line	John Street	John Street	Totten Place	Totten Place	Cross Place	Cross Place	King Street
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type		Rural	Rural	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village
Date Collected (month/day/year):		05/31/2021	06/07/2021	05/31/2021	06/07/2021	05/31/2021	06/07/2021	05/31/2021	06/04/2021	05/31/2021
Waste Generation Period (number of days):		7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days
Notes:										
Week:		Week 1	Week 1	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER										
Newsprint	R	0.00	0.00	0.06	0.00	0.00	0.66	0.43	0.00	0.14
Corrugated Cardboard	R	0.04	0.00	0.06	0.00	0.06	0.00	1.39	0.73	0.39
Mixed Recyclable Paper	R	0.78	0.14	2.36	2.76	1.49	2.02	6.37	11.47	2.34
Non-Recyclable Paper	W	0.18	0.47	0.60	0.97	0.55	0.66	1.39	0.27	0.41
Polycoat/Composite Containers	R	0.00	0.05	0.03	0.31	0.33	0.59	1.03	0.65	2.34
Paper Cups	R	0.02	0.00	0.13	0.21	0.37	0.67	1.83	2.40	0.63
Total Recyclable Paper	**TR**	**0.84**	**0.19**	**2.64**	**3.28**	**2.25**	**3.94**	**11.05**	**15.25**	**5.84**
Total Non-Recyclable Paper	**TND**	**0.18**	**0.47**	**0.60**	**0.97**	**0.55**	**0.66**	**1.39**	**0.27**	**0.41**
Total Paper		**1.02**	**0.66**	**3.24**	**4.25**	**2.80**	**4.60**	**12.44**	**15.52**	**6.25**
2. PLASTIC										
#1 PET Bottles & Jars	R	0.02	0.00	0.43	0.37	0.61	0.05	1.55	2.22	0.48
Other Recyclable Plastics	R	0.78	0.18	0.82	1.05	1.09	1.06	3.30	4.86	0.89
Stand-up Pouches	W	0.00	0.00	0.00	0.02	0.00	0.05	0.31	0.18	0.02
Plastic Film or Sheet Film	W	0.29	0.67	2.63	1.62	0.78	1.49	2.56	3.51	1.26
Non-Recyclable Plastic Packaging	W	0.81	0.56	2.13	3.00	1.43	3.07	3.69	8.36	3.94
Non-Recyclable (non-packaging) plastic films	W	0.55	0.40	1.09	1.21	1.20	2.37	2.43	3.25	1.28
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	0.15	1.73	1.59	0.45	7.15	4.65	0.46	1.58	0.27
Total Recyclable Plastic	**TR**	**0.80**	**0.18**	**1.25**	**1.42**	**1.70**	**1.11**	**4.85**	**7.08**	**1.37**
Total Non-Recyclable Plastic	**TND**	**1.80**	**3.36**	**7.44**	**6.30**	**10.56**	**11.63**	**9.45**	**16.88**	**6.77**
Total Plastic		**2.60**	**3.54**	**8.69**	**7.72**	**12.26**	**12.74**	**14.30**	**23.96**	**8.14**
3. METALS										
Recyclable Metal Containers	R	0.24	0.06	0.45	0.95	0.44	0.44	1.21	2.59	0.60
Ferrous Metal	W	0.39	0.00	1.06	0.02	0.54	0.06	0.03	0.16	0.07
Non-Ferrous Metal	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**0.24**	**0.06**	**0.45**	**0.95**	**0.44**	**0.44**	**1.21**	**2.59**	**0.60**
Total Non-Recyclable Metals	**TND**	**0.39**	**0.00**	**1.06**	**0.02**	**0.54**	**0.06**	**0.03**	**0.16**	**0.07**
Total Metals		**0.63**	**0.06**	**1.51**	**0.97**	**0.98**	**0.50**	**1.24**	**2.75**	**0.67**
4. GLASS										
Recyclable Glass Containers	R	0.00	0.00	0.20	0.41	0.00	0.30	0.94	0.99	0.81
Other Non-Recyclable Glass	W	0.00	0.00	0.03	0.08	0.00	2.30	0.34	0.26	0.16
Total Recyclable Glass	**TR**	**0.00**	**0.00**	**0.20**	**0.41**	**0.00**	**0.30**	**0.94**	**0.99**	**0.81**
Total Non-Recyclable Glass	**TND**	**0.00**	**0.00**	**0.03**	**0.08**	**0.00**	**2.30**	**0.34**	**0.26**	**0.16**
Total Glass		**0.00**	**0.00**	**0.23**	**0.49**	**0.00**	**2.60**	**1.28**	**1.25**	**0.97**
5. ORGANICS										
Avoidable Food Waste	W	7.15	5.17	9.71	9.64	4.61	23.32	45.49	40.10	26.91
Unavoidable Food Waste	W	4.36	1.33	10.36	16.00	3.45	14.03	19.53	16.31	13.95
Fats, Oils & Greases	W	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Tissue & Paper Towels	W	1.46	1.27	3.49	6.92	2.15	4.13	4.59	6.10	3.92
Leaf & Yard Waste	O	0.33	0.00	0.53	2.10	0.06	0.89	0.28	1.82	0.00
Pet Waste	W	0.06	0.00	32.54	9.05	0.00	4.00	2.41	15.91	1.42
Total Acceptable Organics	**TAO**	**0.33**	**0.00**	**0.53**	**2.10**	**0.06**	**0.89**	**0.28**	**1.82**	**0.00**
Total Non-Acceptable Organics	**TND**	**13.03**	**7.77**	**56.10**	**41.63**	**10.21**	**45.48**	**72.02**	**78.42**	**46.20**
Total Organics		**13.36**	**7.77**	**56.63**	**43.73**	**10.27**	**46.37**	**72.30**	**80.24**	**46.20**
6. OTHER										
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	0.00	0.00	0.00	0.11	1.38	0.00	0.05	0.10	3.01
Treated Wood	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
Rubber	W	0.00	0.00	0.00	0.00	0.54	0.17	0.00	0.17	0.00
Ceramics & Porcelain	W	0.00	0.00	1.89	0.00	0.00	0.09	0.00	1.61	0.00
Textiles	W	0.61	0.66	0.56	0.67	1.04	2.47	1.04	4.37	3.51
Household Hazardous Waste (HHW)	W	0.00	0.00	3.25	0.02	4.72	0.00	0.07	0.00	0.00
Electronics	W	0.00	0.00	0.85	0.06	0.13	0.01	0.00	0.30	0.00
Rubble/Soil	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	0.00	5.61	0.99	1.76	3.70	4.23	18.46	27.62	2.99
Other Waste	W	1.84	0.08	4.95	4.40	5.10	12.94	3.77	9.30	8.59
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**2.45**	**6.35**	**12.49**	**7.02**	**16.61**	**19.91**	**23.39**	**43.62**	**18.10**
Total Other		**2.45**	**6.35**	**12.49**	**7.02**	**16.61**	**19.91**	**23.39**	**43.62**	**18.10**
Overall Total Recyclable	TR	**1.88**	**0.43**	**4.54**	**6.06**	**4.39**	**5.79**	**18.05**	**25.91**	**8.62**
Overall Total Acceptable Organics	TAO	**0.33**	**0.00**	**0.53**	**2.10**	**0.06**	**0.89**	**0.28**	**1.82**	**0.00**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**17.85**	**17.95**	**77.72**	**56.02**	**38.47**	**80.04**	**106.62**	**139.61**	**71.71**
Grand Total		**20.06**	**18.38**	**82.79**	**64.18**	**42.92**	**86.72**	**124.95**	**167.34**	**80.33**

Oxford County Single Family Waste Con

Municipality:		Woodstock	Ingersoll	Ingersoll	Ingersoll	Ingersoll	Ingersoll	Ingersoll	Ingersoll	Ingersoll
Sample Area:		King Street	Tunis Street	Tunis Street	Laurel Crescent	Laurel Crescent	Carnegie Street	Carnegie Street	Greenwood Rd	Greenwood Rd
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type		Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village
Date Collected (month/day/year):		06/07/2021	06/01/2021	06/08/2021	06/01/2021	06/08/2021	05/31/2021	06/07/2021	06/01/2021	06/08/2021
Waste Generation Period (number of days):		7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days
Notes:										
Week:		Week 2	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER										
Newsprint	R	0.16	0.00	0.00	0.00	0.00	0.06	0.00	0.08	0.00
Corrugated Cardboard	R	0.27	0.17	0.00	0.14	0.54	0.10	0.98	0.14	0.00
Mixed Recyclable Paper	R	2.21	1.78	4.05	3.45	2.21	3.55	2.81	5.95	1.53
Non-Recyclable Paper	W	0.52	0.75	1.55	1.37	0.33	0.54	0.36	0.50	0.63
Polycoat/Composite Containers	R	0.14	0.31	0.42	0.41	0.10	0.23	0.35	0.00	0.10
Paper Cups	R	0.55	0.18	0.09	0.48	0.12	0.18	0.42	0.37	0.23
Total Recyclable Paper	**TR**	**3.33**	**2.44**	**4.56**	**4.48**	**2.97**	**4.12**	**4.56**	**6.54**	**1.86**
Total Non-Recyclable Paper	**TND**	**0.52**	**0.75**	**1.55**	**1.37**	**0.33**	**0.54**	**0.36**	**0.50**	**0.63**
Total Paper		**3.85**	**3.19**	**6.11**	**5.85**	**3.30**	**4.66**	**4.92**	**7.04**	**2.49**
2. PLASTIC										
#1 PET Bottles & Jars	R	0.20	0.06	0.76	0.17	0.18	0.08	0.75	0.32	0.08
Other Recyclable Plastics	R	0.66	0.78	1.24	1.96	0.59	0.71	0.72	0.77	0.09
Stand-up Pouches	W	0.00	0.17	0.03	0.39	0.14	0.00	0.01	0.00	0.00
Plastic Film or Sheet Film	W	1.60	1.84	2.14	2.37	1.51	0.74	2.35	1.21	1.29
Non-Recyclable Plastic Packaging	W	2.08	4.31	4.92	6.22	1.61	1.18	2.17	1.42	1.77
Non-Recyclable (non-packaging) plastic films	W	0.75	0.82	1.91	1.48	0.72	0.93	1.00	0.78	0.43
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	1.15	0.26	2.72	2.42	0.36	0.52	0.52	2.71	0.43
Total Recyclable Plastic	**TR**	**0.86**	**0.84**	**2.00**	**2.13**	**0.77**	**0.79**	**1.47**	**1.09**	**0.17**
Total Non-Recyclable Plastic	**TND**	**5.58**	**7.40**	**11.72**	**12.88**	**4.34**	**3.37**	**6.05**	**6.12**	**3.92**
Total Plastic		**6.44**	**8.24**	**13.72**	**15.01**	**5.11**	**4.16**	**7.52**	**7.21**	**4.09**
3. METALS										
Recyclable Metal Containers	R	1.18	0.60	2.17	1.47	0.69	0.28	1.68	0.47	0.48
Ferrous Metal	W	0.00	0.16	0.00	0.93	0.00	0.00	0.00	0.40	0.82
Non-Ferrous Metal	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**1.18**	**0.60**	**2.17**	**1.47**	**0.69**	**0.28**	**1.68**	**0.47**	**0.48**
Total Non-Recyclable Metals	**TND**	**0.00**	**0.16**	**0.00**	**0.93**	**0.00**	**0.00**	**0.00**	**0.40**	**0.82**
Total Metals		**1.18**	**0.76**	**2.17**	**2.40**	**0.69**	**0.28**	**1.68**	**0.87**	**1.30**
4. GLASS										
Recyclable Glass Containers	R	0.11	0.29	0.43	0.63	0.19	0.28	0.00	4.00	0.00
Other Non-Recyclable Glass	W	0.00	0.00	0.00	0.51	0.00	0.00	0.25	0.00	0.27
Total Recyclable Glass	**TR**	**0.11**	**0.29**	**0.43**	**0.63**	**0.19**	**0.28**	**0.00**	**4.00**	**0.00**
Total Non-Recyclable Glass	**TND**	**0.00**	**0.00**	**0.00**	**0.51**	**0.00**	**0.00**	**0.25**	**0.00**	**0.27**
Total Glass		**0.11**	**0.29**	**0.43**	**1.14**	**0.19**	**0.28**	**0.25**	**4.00**	**0.27**
5. ORGANICS										
Avoidable Food Waste	W	15.55	17.61	38.18	18.36	8.18	6.25	8.11	19.18	7.64
Unavoidable Food Waste	W	11.55	9.74	6.45	14.35	7.27	6.42	5.89	15.72	2.43
Fats, Oils & Greases	W	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
Tissue & Paper Towels	W	0.00	4.90	2.86	0.00	3.10	2.79	3.56	3.41	0.93
Leaf & Yard Waste	O	5.37	0.14	0.45	4.45	4.42	1.52	0.03	0.07	0.01
Pet Waste	W	8.40	16.02	23.53	14.28	4.50	6.22	24.05	5.92	31.88
Total Acceptable Organics	**TAO**	**5.37**	**0.14**	**0.45**	**4.45**	**4.42**	**1.52**	**0.03**	**0.07**	**0.01**
Total Non-Acceptable Organics	**TND**	**35.50**	**48.27**	**71.02**	**47.19**	**23.05**	**21.68**	**41.61**	**44.23**	**42.88**
Total Organics		**40.87**	**48.41**	**71.47**	**51.64**	**27.47**	**23.20**	**41.64**	**44.30**	**42.89**
6. OTHER										
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	0.01	0.01	0.00	0.00	0.00	0.00	0.05	0.42	0.00
Treated Wood	W	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.10	0.00
Rubber	W	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
Ceramics & Porcelain	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Textiles	W	0.10	0.58	3.21	1.90	0.00	0.49	2.10	3.41	5.35
Household Hazardous Waste (HHW)	W	0.00	0.11	0.00	0.01	0.00	0.00	0.10	0.24	0.34
Electronics	W	0.00	0.04	0.09	0.06	0.76	0.00	0.00	1.00	0.10
Rubble/Soil	W	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	0.98	16.88	1.93	8.52	6.57	11.49	7.02	6.01	3.37
Other Waste	W	0.99	1.50	4.32	9.12	4.80	0.93	3.18	7.05	4.94
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**2.08**	**19.55**	**9.68**	**20.43**	**12.13**	**12.91**	**12.45**	**18.70**	**14.10**
Total Other		**2.08**	**19.55**	**9.68**	**20.43**	**12.13**	**12.91**	**12.45**	**18.70**	**14.10**
Overall Total Recyclable	TR	**5.48**	**4.17**	**9.16**	**8.71**	**4.62**	**5.47**	**7.71**	**12.10**	**2.51**
Overall Total Acceptable Organics	TAO	**5.37**	**0.14**	**0.45**	**4.45**	**4.42**	**1.52**	**0.03**	**0.07**	**0.01**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**43.68**	**76.13**	**93.97**	**83.31**	**39.85**	**38.50**	**60.72**	**69.95**	**62.62**
Grand Total		**54.53**	**80.44**	**103.58**	**96.47**	**48.89**	**45.49**	**68.46**	**82.12**	**65.14**

Oxford County Single Family Waste Con

Municipality:		Woodstock	Woodstock	South-West Oxford	South-West Oxford	Tillsonburg	Tillsonburg	Tillsonburg	Tillsonburg	Tillsonburg
Sample Area:		Three Wood Drive	Three Wood Drive	Daniel Road	Daniel Road	Gibson Drive	Gibson Drive	Lindsay Street	Lindsay Street	King Street
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type		Urban/Village	Urban/Village	Rural	Rural	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village
Date Collected (month/day/year):		06/01/2021	06/08/2021	06/03/2021	06/10/2021	06/01/2021	06/08/2021	06/02/2021	06/09/2021	06/02/2021
Waste Generation Period (number of days):		7 days	7 days	8 days	8 days	7 days	7 days	7 days	7 days	7 days
Notes:				8 Day Generation / No material set out by residents	8 Day Generation		#14 Gibson Dr opted-out in week 2. Sample size adjusted to 9			
Week:		Week 1	Week 2	Week 2	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER										
Newsprint	R	0.36	0.62	0.00	0.00	0.10	0.00	0.00	0.00	0.02
Corrugated Cardboard	R	1.04	0.41	0.00	0.00	0.27	0.33	0.23	0.00	1.12
Mixed Recyclable Paper	R	6.48	6.83	0.00	0.03	1.83	1.08	1.90	3.95	4.48
Non-Recyclable Paper	W	1.04	1.06	0.00	0.00	0.32	0.42	0.59	0.52	0.68
Polycoat/Composite Containers	R	0.85	0.50	0.00	0.00	0.11	0.15	0.24	0.13	0.55
Paper Cups	R	0.97	0.68	0.00	0.02	0.08	0.02	0.17	0.45	2.72
Total Recyclable Paper	**TR**	**9.70**	**9.04**	**0.00**	**0.05**	**2.39**	**1.58**	**2.54**	**4.53**	**8.89**
Total Non-Recyclable Paper	**TND**	**1.04**	**1.06**	**0.00**	**0.00**	**0.32**	**0.42**	**0.59**	**0.52**	**0.68**
Total Paper		**10.74**	**10.10**	**0.00**	**0.05**	**2.71**	**2.00**	**3.13**	**5.05**	**9.57**
2. PLASTIC										
#1 PET Bottles & Jars	R	1.04	0.53	0.00	0.02	0.07	0.00	0.26	0.65	0.69
Other Recyclable Plastics	R	3.74	2.18	0.00	0.08	0.45	0.15	1.77	1.75	1.55
Stand-up Pouches	W	0.08	0.24	0.00	0.03	0.00	0.03	0.00	0.00	0.17
Plastic Film or Sheet Film	W	3.66	1.68	0.00	0.19	1.17	1.21	1.50	1.10	2.41
Non-Recyclable Plastic Packaging	W	4.35	2.47	0.00	0.10	1.00	1.61	1.69	2.08	2.14
Non-Recyclable (non-packaging) plastic films	W	2.14	1.52	0.00	0.31	0.79	0.63	1.04	0.63	1.80
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	3.84	1.65	0.00	0.00	0.48	0.00	0.27	0.26	0.49
Total Recyclable Plastic	**TR**	**4.78**	**2.71**	**0.00**	**0.10**	**0.52**	**0.15**	**2.03**	**2.40**	**2.24**
Total Non-Recyclable Plastic	**TND**	**14.07**	**7.56**	**0.00**	**0.63**	**3.44**	**3.48**	**4.50**	**4.07**	**7.01**
Total Plastic		**18.85**	**10.27**	**0.00**	**0.73**	**3.96**	**3.63**	**6.53**	**6.47**	**9.25**
3. METALS										
Recyclable Metal Containers	R	1.90	0.72	0.00	0.00	0.43	0.16	0.56	0.80	0.69
Ferrous Metal	W	0.10	0.29	0.00	0.00	0.00	0.01	0.03	0.00	0.75
Non-Ferrous Metal	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**1.90**	**0.72**	**0.00**	**0.00**	**0.43**	**0.16**	**0.56**	**0.00**	**0.69**
Total Non-Recyclable Metals	**TND**	**0.10**	**0.29**	**0.00**	**0.00**	**0.00**	**0.01**	**0.03**	**0.00**	**0.75**
Total Metals		**2.00**	**1.01**	**0.00**	**0.00**	**0.43**	**0.17**	**0.59**	**0.00**	**1.44**
4. GLASS										
Recyclable Glass Containers	R	5.23	0.00	0.00	0.06	0.00	0.00	0.27	0.39	0.70
Other Non-Recyclable Glass	W	0.41	0.78	0.00	0.00	0.00	0.00	0.03	0.00	0.63
Total Recyclable Glass	**TR**	**5.23**	**0.00**	**0.00**	**0.06**	**0.00**	**0.00**	**0.27**	**0.39**	**0.70**
Total Non-Recyclable Glass	**TND**	**0.41**	**0.78**	**0.00**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	**0.63**
Total Glass		**5.64**	**0.78**	**0.00**	**0.06**	**0.00**	**0.00**	**0.30**	**0.39**	**1.33**
5. ORGANICS										
Avoidable Food Waste	W	22.14	19.61	0.00	0.59	5.14	3.09	9.57	12.10	14.61
Unavoidable Food Waste	W	25.78	19.15	0.00	0.38	11.25	10.64	11.22	9.19	10.56
Fats, Oils & Greases	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
Tissue & Paper Towels	W	7.24	6.20	0.00	0.00	2.71	2.88	3.14	2.27	2.84
Leaf & Yard Waste	O	3.08	0.95	0.00	0.68	7.81	2.51	1.20	3.07	0.20
Pet Waste	W	35.20	6.40	0.00	0.00	0.17	0.42	14.17	12.76	11.52
Total Acceptable Organics	**TAO**	**3.08**	**0.95**	**0.00**	**0.68**	**7.81**	**2.51**	**1.20**	**3.07**	**0.20**
Total Non-Acceptable Organics	**TND**	**90.36**	**51.36**	**0.00**	**0.97**	**19.27**	**17.03**	**38.10**	**36.32**	**39.88**
Total Organics		**93.44**	**52.31**	**0.00**	**1.65**	**27.08**	**19.54**	**39.30**	**39.39**	**40.08**
6. OTHER										
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	0.01	0.11	0.00	0.00	0.01	0.04	0.00	0.00	0.00
Treated Wood	W	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Rubber	W	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01
Ceramics & Porcelain	W	1.10	0.00	0.00	0.00	1.64	0.59	0.00	0.00	0.00
Textiles	W	3.88	3.29	0.00	0.00	1.67	0.65	0.71	0.21	1.95
Household Hazardous Waste (HHW)	W	0.03	0.00	0.00	0.00	0.00	0.00	0.43	0.37	0.10
Electronics	W	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.42	0.00
Rubble/Soil	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	5.70	7.31	0.00	4.20	1.46	0.68	0.42	1.78	6.76
Other Waste	W	4.52	3.87	0.00	5.88	0.47	0.93	1.70	1.36	4.62
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**15.24**	**14.58**	**0.00**	**10.08**	**5.28**	**2.99**	**3.26**	**4.14**	**13.80**
Total Other		**15.24**	**14.58**	**0.00**	**10.08**	**5.28**	**2.99**	**3.26**	**4.14**	**13.80**
Overall Total Recyclable	TR	**21.61**	**12.47**	**0.00**	**0.21**	**3.34**	**1.89**	**5.40**	**7.32**	**12.52**
Overall Total Acceptable Organics	TAO	**3.08**	**0.95**	**0.00**	**0.68**	**7.81**	**2.51**	**1.20**	**3.07**	**0.20**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**121.22**	**75.63**	**0.00**	**11.68**	**28.31**	**23.93**	**46.51**	**45.05**	**62.75**
Grand Total		**145.91**	**89.05**	**0.00**	**12.57**	**39.46**	**28.33**	**53.11**	**55.44**	**75.47**

Oxford County Single Family Waste Con

Municipality:		Tillsonburg	South-West Oxford	South-West Oxford	Tillsonburg	Tillsonburg	Woodstock	Woodstock	Woodstock	Woodstock
Sample Area:		King Street	Hamilton Road	Hamilton Road	Thistle Court	Thistle Court	Iroquois Crescent	Iroquois Crescent	Springbank Avenue	Springbank Avenue
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type		Urban/Village	Rural	Rural	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village	Urban/Village
Date Collected (month/day/year):		06/09/2021	06/03/2021	06/112021	06/02/2021	06/09/2021	06/03/2021	06/10/2021	06/03/2021	06/10/2021
Waste Generation Period (number of days):		7 days	8 days	8 days	7 days	7 days	7 days	7 days	7 days	7 days
Notes:			8 Day Generation	8 Day Generation						
Week:		Week 2	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER										
Newsprint	R	0.00	0.15	0.00	0.13	0.00	0.16	0.00	0.00	0.20
Corrugated Cardboard	R	1.17	0.49	0.26	1.36	0.94	0.48	0.02	0.15	0.25
Mixed Recyclable Paper	R	6.26	0.83	4.88	3.20	3.32	5.50	3.17	7.82	3.27
Non-Recyclable Paper	W	0.44	0.32	0.69	0.38	0.91	0.59	0.63	0.55	0.93
Polycoat/Composite Containers	R	0.25	0.08	0.28	0.22	0.50	0.00	0.09	0.11	0.08
Paper Cups	R	2.02	0.13	0.11	0.35	0.48	0.52	0.03	0.11	0.08
Total Recyclable Paper	**TR**	**9.70**	**1.68**	**5.53**	**5.26**	**5.24**	**6.66**	**3.31**	**8.19**	**3.88**
Total Non-Recyclable Paper	**TND**	**0.44**	**0.32**	**0.69**	**0.38**	**0.91**	**0.59**	**0.63**	**0.55**	**0.93**
Total Paper		**10.14**	**2.00**	**6.22**	**5.64**	**6.15**	**7.25**	**3.94**	**8.74**	**4.81**
2. PLASTIC										
#1 PET Bottles & Jars	R	2.01	0.00	0.18	0.44	0.46	0.44	0.03	0.26	0.52
Other Recyclable Plastics	R	2.13	0.63	0.85	1.83	1.93	0.76	0.64	1.56	0.54
Stand-up Pouches	W	0.21	0.00	0.00	0.02	0.25	0.00	0.04	0.00	0.15
Plastic Film or Sheet Film	W	1.38	0.95	1.51	2.84	0.54	0.72	0.71	2.72	1.58
Non-Recyclable Plastic Packaging	W	2.32	2.03	2.24	2.71	1.69	1.18	0.65	3.80	2.51
Non-Recyclable (non-packaging) plastic films	W	2.03	0.72	0.80	1.45	1.10	0.66	0.48	1.62	1.43
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	2.53	0.49	0.89	0.76	0.26	3.02	0.13	0.92	0.29
Total Recyclable Plastic	**TR**	**4.14**	**0.63**	**1.03**	**2.27**	**2.39**	**1.20**	**0.67**	**1.82**	**1.06**
Total Non-Recyclable Plastic	**TND**	**8.47**	**4.19**	**5.44**	**7.78**	**3.84**	**5.58**	**2.01**	**9.06**	**5.96**
Total Plastic		**12.61**	**4.82**	**6.47**	**10.05**	**6.23**	**6.78**	**2.68**	**10.88**	**7.02**
3. METALS										
Recyclable Metal Containers	R	3.40	0.47	0.90	0.97	0.81	0.60	0.14	0.71	0.99
Ferrous Metal	W	0.47	0.16	0.32	0.27	0.16	0.11	0.01	0.56	0.00
Non-Ferrous Metal	W	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**3.40**	**0.47**	**0.90**	**0.97**	**0.81**	**0.60**	**0.14**	**0.71**	**0.99**
Total Non-Recyclable Metals	**TND**	**0.47**	**0.16**	**0.32**	**0.27**	**0.16**	**0.11**	**0.05**	**0.56**	**0.00**
Total Metals		**3.87**	**0.63**	**1.22**	**1.24**	**0.97**	**0.71**	**0.19**	**1.27**	**0.99**
4. GLASS										
Recyclable Glass Containers	R	0.20	0.00	0.28	0.00	0.00	0.00	0.00	0.27	0.10
Other Non-Recyclable Glass	W	0.00	0.51	0.70	0.18	0.00	0.38	0.40	0.21	0.00
Total Recyclable Glass	**TR**	**0.20**	**0.00**	**0.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.27**	**0.10**
Total Non-Recyclable Glass	**TND**	**0.00**	**0.51**	**0.70**	**0.18**	**0.00**	**0.38**	**0.40**	**0.21**	**0.00**
Total Glass		**0.20**	**0.51**	**0.98**	**0.18**	**0.00**	**0.38**	**0.40**	**0.48**	**0.10**
5. ORGANICS										
Avoidable Food Waste	W	17.26	1.10	3.75	18.63	28.46	1.48	1.72	19.63	32.04
Unavoidable Food Waste	W	3.56	4.69	5.17	26.99	15.48	12.03	4.91	52.40	24.22
Fats, Oils & Greases	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tissue & Paper Towels	W	2.96	1.85	1.24	3.81	3.92	1.62	0.98	5.14	5.77
Leaf & Yard Waste	O	0.00	0.67	0.66	0.63	0.03	0.00	3.45	0.58	0.51
Pet Waste	W	16.50	12.62	9.09	17.53	23.66	7.17	15.34	4.07	7.63
Total Acceptable Organics	**TAO**	**0.00**	**0.67**	**0.66**	**0.63**	**0.03**	**0.00**	**3.45**	**0.58**	**0.51**
Total Non-Acceptable Organics	**TND**	**40.28**	**20.26**	**19.25**	**66.96**	**71.52**	**22.30**	**22.95**	**81.24**	**69.66**
Total Organics		**40.28**	**20.93**	**19.91**	**67.59**	**71.55**	**22.30**	**26.40**	**81.82**	**70.17**
6. OTHER										
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	0.02	0.00	0.44	0.35	0.19	0.00	0.02	0.01	0.02
Treated Wood	W	0.18	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.42
Rubber	W	0.92	0.01	0.00	0.00	0.00	0.00	0.07	0.00	0.02
Ceramics & Porcelain	W	0.00	0.03	0.00	0.00	0.00	0.54	0.00	0.00	0.46
Textiles	W	7.54	0.63	2.64	0.41	2.48	2.72	0.84	0.61	3.34
Household Hazardous Waste (HHW)	W	0.08	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Electronics	W	0.87	0.00	0.26	0.15	0.23	0.00	0.03	0.17	0.90
Rubble/Soil	W	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.00	0.00
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	2.05	6.33	7.60	1.35	1.63	0.86	0.74	15.81	12.61
Other Waste	W	8.63	1.58	4.05	0.88	1.44	2.84	2.72	2.08	2.04
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**20.29**	**8.58**	**15.02**	**3.14**	**7.33**	**6.96**	**4.42**	**18.68**	**19.81**
Total Other		**20.29**	**8.58**	**15.02**	**3.14**	**7.33**	**6.96**	**4.42**	**18.68**	**19.81**
Overall Total Recyclable	TR	**17.44**	**2.78**	**7.74**	**8.50**	**8.44**	**8.46**	**4.12**	**10.99**	**6.03**
Overall Total Acceptable Organics	TAO	**0.00**	**0.67**	**0.66**	**0.63**	**0.03**	**0.00**	**3.45**	**0.58**	**0.51**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**69.95**	**34.02**	**41.42**	**78.71**	**83.76**	**35.92**	**30.46**	**110.30**	**96.36**
Grand Total		**87.39**	**37.47**	**49.82**	**87.84**	**92.23**	**44.38**	**38.03**	**121.87**	**102.90**

Oxford County Single Family Waste Con

Municipality:		Norwich	Norwich	Norwich	Norwich	Blandford-Blenheim	Blandford-Blenheim	Blandford-Blenheim	Blandford-Blenheim	East Zorra-Tavistock
Sample Area:		Clyde Street	Clyde Street	Quaker Street	Quaker Street	River Road	River Road	Oxford Road 8	Oxford Road 8	16th line
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type		Urban/Village	Urban/Village	Rural	Rural	Urban/Village	Urban/Village	Rural	Rural	Rural
Date Collected (month/day/year):		06/03/2021	06/10/2021	06/03/2021	06/10/2021	06/04/2021	06/11/2021	06/04/2021	06/11/2021	06/04/2021
Waste Generation Period (number of days):		7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days
Notes:										
Week:		Week 1	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1	Week 2	Week 1
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER										
Newsprint	R	0.00	0.04	1.45	0.00	0.07	0.01	0.00	0.00	0.12
Corrugated Cardboard	R	1.11	0.29	0.39	0.00	0.34	0.09	0.24	0.03	0.11
Mixed Recyclable Paper	R	2.45	3.55	4.53	1.65	5.47	3.39	1.81	2.23	0.48
Non-Recyclable Paper	W	0.44	0.53	0.79	0.08	1.00	1.79	0.68	0.55	0.13
Polycoat/Composite Containers	R	0.22	0.26	0.68	0.00	0.17	0.21	0.14	0.37	0.02
Paper Cups	R	0.16	1.04	0.09	0.16	0.19	0.21	0.17	0.11	0.06
Total Recyclable Paper	**TR**	**3.94**	**5.18**	**7.14**	**1.81**	**6.24**	**3.91**	**2.36**	**2.74**	**0.79**
Total Non-Recyclable Paper	**TND**	**0.44**	**0.53**	**0.79**	**0.08**	**1.00**	**1.79**	**0.68**	**0.55**	**0.13**
Total Paper		**4.38**	**5.71**	**7.93**	**1.89**	**7.24**	**5.70**	**3.04**	**3.29**	**0.92**
2. PLASTIC										
#1 PET Bottles & Jars	R	0.58	0.77	0.15	0.07	0.54	0.65	0.57	0.47	0.22
Other Recyclable Plastics	R	1.68	2.29	1.59	0.42	1.14	0.96	1.29	1.13	0.26
Stand-up Pouches	W	0.00	0.01	0.01	0.05	0.15	0.27	0.00	0.19	0.00
Plastic Film or Sheet Film	W	0.98	1.51	1.75	0.50	2.41	2.52	1.04	2.18	0.90
Non-Recyclable Plastic Packaging	W	1.40	4.05	2.22	1.83	4.70	2.91	5.41	4.20	0.97
Non-Recyclable (non-packaging) plastic films	W	1.31	1.41	1.45	0.74	1.93	1.12	1.19	1.31	0.74
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	0.19	0.71	1.39	0.12	1.37	2.44	0.79	0.10	0.05
Total Recyclable Plastic	**TR**	**2.26**	**3.06**	**1.74**	**0.49**	**1.68**	**1.61**	**1.86**	**1.60**	**0.48**
Total Non-Recyclable Plastic	**TND**	**3.88**	**7.69**	**6.82**	**3.24**	**10.56**	**9.26**	**8.43**	**7.98**	**2.66**
Total Plastic		**6.14**	**10.75**	**8.56**	**3.73**	**12.24**	**10.87**	**10.29**	**9.58**	**3.14**
3. METALS										
Recyclable Metal Containers	R	0.74	1.93	0.89	1.84	0.64	0.63	0.45	0.72	0.44
Ferrous Metal	W	0.00	0.00	1.11	0.00	0.21	0.06	0.58	0.76	0.00
Non-Ferrous Metal	W	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**0.74**	**1.93**	**0.89**	**1.84**	**0.64**	**0.63**	**0.45**	**0.72**	**0.44**
Total Non-Recyclable Metals	**TND**	**0.00**	**0.00**	**1.11**	**0.32**	**0.21**	**0.06**	**0.58**	**0.76**	**0.00**
Total Metals		**0.74**	**1.93**	**2.00**	**2.16**	**0.85**	**0.69**	**1.03**	**1.48**	**0.44**
4. GLASS										
Recyclable Glass Containers	R	0.40	0.34	0.00	0.00	0.00	0.35	0.00	0.92	0.00
Other Non-Recyclable Glass	W	0.00	0.59	0.45	0.00	0.00	0.60	0.15	0.31	0.05
Total Recyclable Glass	**TR**	**0.40**	**0.34**	**0.00**	**0.00**	**0.00**	**0.35**	**0.00**	**0.92**	**0.00**
Total Non-Recyclable Glass	**TND**	**0.00**	**0.59**	**0.45**	**0.00**	**0.00**	**0.60**	**0.15**	**0.31**	**0.05**
Total Glass		**0.40**	**0.93**	**0.45**	**0.00**	**0.00**	**0.95**	**0.15**	**1.23**	**0.05**
5. ORGANICS										
Avoidable Food Waste	W	20.20	13.72	3.25	3.81	10.49	18.79	8.74	10.24	2.16
Unavoidable Food Waste	W	1.92	6.76	9.86	4.95	27.98	23.43	11.12	14.84	10.92
Fats, Oils & Greases	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tissue & Paper Towels	W	0.64	2.18	2.57	1.89	7.35	6.27	2.65	2.35	0.96
Leaf & Yard Waste	O	0.11	0.39	0.22	0.00	0.40	4.24	2.70	0.02	0.10
Pet Waste	W	4.12	0.00	3.22	0.00	15.27	5.65	17.20	19.76	0.00
Total Acceptable Organics	**TAO**	**0.11**	**0.39**	**0.22**	**0.00**	**0.40**	**4.24**	**2.70**	**0.02**	**0.10**
Total Non-Acceptable Organics	**TND**	**26.88**	**22.66**	**18.90**	**10.65**	**61.09**	**54.14**	**39.71**	**47.19**	**14.04**
Total Organics		**26.99**	**23.05**	**19.12**	**10.65**	**61.49**	**58.38**	**42.41**	**47.21**	**14.14**
6. OTHER										
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	0.00	8.61	0.00	0.30	0.00	0.10	0.00	0.17	0.00
Treated Wood	W	0.00	0.08	0.73	0.00	0.00	0.00	0.11	0.00	0.00
Rubber	W	0.00	1.13	3.70	0.00	0.00	0.02	0.00	0.01	0.00
Ceramics & Porcelain	W	0.00	0.32	0.19	0.84	0.00	0.83	0.17	0.00	0.24
Textiles	W	0.41	1.04	0.28	0.35	1.30	1.24	0.08	5.13	0.97
Household Hazardous Waste (HHW)	W	0.00	0.03	0.11	0.00	0.23	0.01	0.02	0.09	0.00
Electronics	W	0.01	0.11	0.14	0.00	0.12	0.00	0.15	0.00	0.00
Rubble/Soil	W	0.44	0.00	4.08	0.00	0.00	0.00	0.00	0.00	0.00
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	1.57	0.00	6.81	15.67	2.10	1.44	2.42	3.43	0.35
Other Waste	W	1.54	8.68	3.84	1.41	1.64	2.49	2.82	11.38	0.39
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**3.97**	**20.00**	**19.88**	**18.57**	**5.39**	**6.13**	**5.77**	**20.21**	**1.95**
Total Other		**3.97**	**20.00**	**19.88**	**18.57**	**5.39**	**6.13**	**5.77**	**20.21**	**1.95**
Overall Total Recyclable	TR	**7.34**	**10.51**	**9.77**	**4.14**	**8.56**	**6.50**	**4.67**	**5.98**	**1.71**
Overall Total Acceptable Organics	TAO	**0.11**	**0.39**	**0.22**	**0.00**	**0.40**	**4.24**	**2.70**	**0.02**	**0.10**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**35.17**	**51.47**	**47.95**	**32.86**	**78.25**	**71.98**	**55.32**	**77.00**	**18.83**
Grand Total		**42.62**	**62.37**	**57.94**	**37.00**	**87.21**	**82.72**	**62.69**	**83.00**	**20.64**

Oxford County Single Family Waste Con

Municipality:		East Zorra-Tavistock	East Zorra-Tavistock	East Zorra-Tavistock
Sample Area:		16th line	Liebler Street	Liebler Street
Waste Stream:		Garbage	Garbage	Garbage
Community Type		Rural	Urban/Village	Urban/Village
Date Collected (month/day/year):		06/11/2021	06/04/2021	06/11/2021
Waste Generation Period (number of days):		7 days	7 days	7 days
Notes:				
Week:		Week 2	Week 1	Week 2
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER				
Newsprint	R	0.00	0.00	0.00
Corrugated Cardboard	R	0.00	0.52	0.00
Mixed Recyclable Paper	R	0.55	0.96	0.59
Non-Recyclable Paper	W	0.08	0.69	0.34
Polycoat/Composite Containers	R	0.00	0.00	0.00
Paper Cups	R	0.31	0.20	0.02
Total Recyclable Paper	**TR**	**0.86**	**1.68**	**0.61**
Total Non-Recyclable Paper	**TND**	**0.08**	**0.69**	**0.34**
Total Paper		**0.94**	**2.37**	**0.95**
2. PLASTIC				
#1 PET Bottles & Jars	R	0.04	0.16	0.00
Other Recyclable Plastics	R	0.22	0.50	0.35
Stand-up Pouches	W	0.07	0.01	0.08
Plastic Film or Sheet Film	W	0.83	1.00	0.88
Non-Recyclable Plastic Packaging	W	0.59	2.76	2.82
Non-Recyclable (non-packaging) plastic films	W	0.33	1.36	0.44
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	0.08	0.54	2.04
Total Recyclable Plastic	**TR**	**0.26**	**0.66**	**0.35**
Total Non-Recyclable Plastic	**TND**	**1.90**	**5.67**	**6.26**
Total Plastic		**2.16**	**6.33**	**6.61**
3. METALS				
Recyclable Metal Containers	R	0.38	0.57	0.21
Ferrous Metal	W	0.00	0.03	0.00
Non-Ferrous Metal	W	0.00	0.07	0.00
Mixed Metals	W	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**0.38**	**0.57**	**0.21**
Total Non-Recyclable Metals	**TND**	**0.00**	**0.10**	**0.00**
Total Metals		**0.38**	**0.67**	**0.21**
4. GLASS				
Recyclable Glass Containers	R	0.00	0.72	0.00
Other Non-Recyclable Glass	W	0.00	0.00	0.00
Total Recyclable Glass	**TR**	**0.00**	**0.72**	**0.00**
Total Non-Recyclable Glass	**TND**	**0.00**	**0.00**	**0.00**
Total Glass		**0.00**	**0.72**	**0.00**
5. ORGANICS				
Avoidable Food Waste	W	2.34	6.90	8.51
Unavoidable Food Waste	W	2.27	8.68	8.91
Fats, Oils & Greases	W	0.00	0.00	0.00
Tissue & Paper Towels	W	1.07	3.63	2.13
Leaf & Yard Waste	O	0.00	1.79	8.13
Pet Waste	W	0.00	8.95	0.00
Total Acceptable Organics	**TAO**	**0.00**	**1.79**	**8.13**
Total Non-Acceptable Organics	**TND**	**5.68**	**28.16**	**19.55**
Total Organics		**5.68**	**29.95**	**27.68**
6. OTHER				
Concrete	W	0.00	0.00	0.00
Clean Wood	W	0.00	0.00	0.00
Treated Wood	W	0.00	0.00	0.00
Rubber	W	0.00	0.12	0.00
Ceramics & Porcelain	W	0.06	0.07	0.00
Textiles	W	0.21	0.53	2.07
Household Hazardous Waste (HHW)	W	0.01	1.65	0.00
Electronics	W	0.00	0.00	0.00
Rubble/Soil	W	0.00	0.00	0.00
Bulky Items	W	0.00	0.00	0.00
Diapers & Sanitary Waste	W	1.68	19.17	4.99
Other Waste	W	0.51	1.80	1.53
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**2.47**	**23.34**	**8.59**
Total Other		**2.47**	**23.34**	**8.59**
Overall Total Recyclable	TR	**1.50**	**3.63**	**1.17**
Overall Total Acceptable Organics	TAO	**0.00**	**1.79**	**8.13**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**10.13**	**57.96**	**34.74**
Grand Total		**11.63**	**63.38**	**44.04**

Oxford County Single Family Waste Con

Municipality:		Total	Total	Total	Total	Total	Total	Total	Total
Sample Area:									
Waste Stream:		Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage	Garbage
Community Type:		Urban/Village	Urban/Village	Urban/Village	Urban/Village	Rural	Rural	Rural	Rural
Date Collected (month/day/year):									
Waste Generation Period (number of days):									
Notes:		Total 14 Day Disposed	Total 7 Day Disposed	Total Disposed/hh/wk	Total Disposed/hh/yr	Total 14 Day Disposed	Total 7 Day Disposed	Total Disposed/hh/wk	Total Disposed/hh/yr
Week:									
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**	**Weight (kg)**
1. PAPER									
Newsprint	R	3.30	1.65	0.01	0.48	1.70	0.85	0.01	0.74
Corrugated Cardboard	R	15.09	7.55	0.04	2.19	1.47	0.73	0.01	0.64
Mixed Recyclable Paper	R	131.85	65.93	0.37	19.15	17.19	8.60	0.14	7.47
Non-Recyclable Paper	W	25.25	12.63	0.07	3.67	3.84	1.92	0.03	1.67
Polycoat/Composite Containers	R	11.98	5.99	0.03	1.74	1.58	0.79	0.01	0.68
Paper Cups	R	19.36	9.68	0.05	2.81	1.15	0.57	0.01	0.50
Total Recyclable Paper	**TR**	**181.58**	**90.79**	**0.51**	**26.37**	**23.08**	**11.54**	**0.19**	**10.03**
Total Non-Recyclable Paper	**TND**	**25.25**	**12.63**	**0.07**	**3.67**	**3.84**	**1.92**	**0.03**	**1.67**
Total Paper		**206.83**	**103.42**	**0.58**	**30.04**	**26.93**	**13.46**	**0.22**	**11.70**
2. PLASTIC									
#1 PET Bottles & Jars	R	18.41	9.21	0.05	2.67	1.72	0.86	0.01	0.75
Other Recyclable Plastics	R	48.49	24.25	0.14	7.04	7.24	3.62	0.06	3.14
Stand-up Pouches	W	3.03	1.52	0.01	0.44	0.35	0.17	0.00	0.15
Plastic Film or Sheet Film	W	61.42	30.71	0.17	8.92	10.48	5.24	0.09	4.55
Non-Recyclable Plastic Packaging	W	100.14	50.07	0.28	14.54	20.41	10.21	0.17	8.87
Non-Recyclable (non-packaging) plastic films	W	46.54	23.27	0.13	6.76	8.31	4.16	0.07	3.61
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	49.43	24.72	0.14	7.18	5.62	2.81	0.05	2.44
Total Recyclable Plastic	**TR**	**66.90**	**33.45**	**0.19**	**9.72**	**8.95**	**4.48**	**0.07**	**3.89**
Total Non-Recyclable Plastic	**TND**	**260.56**	**130.28**	**0.73**	**37.84**	**45.17**	**22.58**	**0.38**	**19.63**
Total Plastic		**327.46**	**163.73**	**0.91**	**47.56**	**54.12**	**27.06**	**0.45**	**23.52**
3. METALS									
Recyclable Metal Containers	R	33.30	16.65	0.09	4.84	6.22	3.11	0.05	2.70
Ferrous Metal	W	7.31	3.66	0.02	1.06	3.26	1.63	0.03	1.42
Non-Ferrous Metal	W	0.11	0.06	0.00	0.02	0.32	0.16	0.00	0.14
Mixed Metals	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Recyclable Metals	**TR**	**33.30**	**16.65**	**0.09**	**4.84**	**6.22**	**3.11**	**0.05**	**2.70**
Total Non-Recyclable Metals	**TND**	**7.42**	**3.71**	**0.02**	**1.08**	**3.58**	**1.79**	**0.03**	**1.56**
Total Metals		**40.72**	**20.36**	**0.11**	**5.91**	**9.80**	**4.90**	**0.08**	**4.26**
4. GLASS									
Recyclable Glass Containers	R	18.55	9.28	0.05	2.69	1.22	0.61	0.01	0.53
Other Non-Recyclable Glass	W	8.41	4.21	0.02	1.22	2.02	1.01	0.02	0.88
Total Recyclable Glass	**TR**	**18.55**	**9.28**	**0.05**	**2.69**	**1.22**	**0.61**	**0.01**	**0.53**
Total Non-Recyclable Glass	**TND**	**8.41**	**4.21**	**0.02**	**1.22**	**2.02**	**1.01**	**0.02**	**0.88**
Total Glass		**26.96**	**13.48**	**0.08**	**3.92**	**3.24**	**1.62**	**0.03**	**1.41**
5. ORGANICS									
Avoidable Food Waste	W	582.93	291.47	1.62	84.67	47.62	23.81	0.40	20.69
Unavoidable Food Waste	W	488.51	244.26	1.36	70.95	68.61	34.31	0.57	29.81
Fats, Oils & Greases	W	0.57	0.29	0.00	0.08	0.00	0.00	0.00	0.00
Tissue & Paper Towels	W	126.53	63.26	0.35	18.38	16.92	8.46	0.14	7.35
Leaf & Yard Waste	O	61.22	30.61	0.17	8.89	5.13	2.56	0.04	2.23
Pet Waste	W	406.66	203.33	1.13	59.07	59.24	29.62	0.49	25.74
Total Acceptable Organics	**TAO**	**61.22**	**30.61**	**0.17**	**8.89**	**5.13**	**2.56**	**0.04**	**2.23**
Total Non-Acceptable Organics	**TND**	**1,605.20**	**802.60**	**4.47**	**233.15**	**192.39**	**96.20**	**1.60**	**83.60**
Total Organics		**1,666.42**	**833.21**	**4.64**	**242.04**	**197.52**	**98.76**	**1.65**	**85.83**
6. OTHER									
Concrete	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clean Wood	W	14.63	7.32	0.04	2.12	0.86	0.43	0.01	0.37
Treated Wood	W	2.11	1.06	0.01	0.31	0.84	0.42	0.01	0.37
Rubber	W	3.33	1.67	0.01	0.48	3.72	1.86	0.03	1.62
Ceramics & Porcelain	W	9.61	4.81	0.03	1.40	1.53	0.76	0.01	0.66
Textiles	W	67.69	33.85	0.19	9.83	11.15	5.58	0.09	4.85
Household Hazardous Waste (HHW)	W	11.79	5.90	0.03	1.71	0.26	0.13	0.00	0.11
Electronics	W	6.50	3.25	0.02	0.94	0.52	0.26	0.00	0.22
Rubble/Soil	W	2.24	1.12	0.01	0.33	4.08	2.04	0.03	1.77
Bulky Items	W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diapers & Sanitary Waste	W	210.95	105.48	0.59	30.64	51.83	25.92	0.43	22.52
Other Waste	W	141.66	70.83	0.39	20.58	32.34	16.17	0.27	14.05
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Total Non-Recyclable Other	**TND**	**470.51**	**235.26**	**1.31**	**68.34**	**107.12**	**53.56**	**0.89**	**46.55**
Total Other		**470.51**	**235.26**	**1.31**	**68.34**	**107.12**	**53.56**	**0.89**	**46.55**
Overall Total Recyclable	TR	**300.33**	**150.17**	**0.84**	**43.62**	**39.47**	**19.73**	**0.33**	**17.15**
Overall Total Acceptable Organics	TAO	**61.22**	**30.61**	**0.17**	**8.89**	**5.13**	**2.56**	**0.04**	**2.23**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**2,377.35**	**1,188.67**	**6.62**	**345.30**	**354.12**	**177.06**	**2.95**	**153.87**
Grand Total		**2,738.90**	**1,369.45**	**7.63**	**397.81**	**398.72**	**199.36**	**3.32**	**173.25**

Oxford County Single Family Waste Con

Municipality:		Total	Total	Total
Sample Area:				
Waste Stream:		Garbage	Garbage	Garbage
Community Type		Weighted Average	Weighted Average	Weighted Average
Date Collected (month/day/year):				
Waste Generation Period (number of days):				
Notes:		Total Disposed/hh/wk	Total Disposed/hh/yr	Percent of Disposed
Week:				
Material Category	**Accepted? ("R" if accepted in recycling, "O" in organics program, "W" if garbage)**	**Weight (kg)**	**Weight (kg)**	**%**
1. PAPER				
Newsprint	R	0.01	0.54	0.16%
Corrugated Cardboard	R	0.04	1.83	0.53%
Mixed Recyclable Paper	R	0.32	16.44	4.76%
Non-Recyclable Paper	W	0.06	3.20	0.93%
Polycoat/Composite Containers	R	0.03	1.49	0.43%
Paper Cups	R	0.04	2.27	0.66%
Total Recyclable Paper	**TR**	**0.43**	**22.57**	**6.53%**
Total Non-Recyclable Paper	**TND**	**0.06**	**3.20**	**0.93%**
Total Paper		**0.49**	**25.78**	**7.46%**
2. PLASTIC				
#1 PET Bottles & Jars	R	0.04	2.23	0.64%
Other Recyclable Plastics	R	0.12	6.14	1.78%
Stand-up Pouches	W	0.01	0.37	0.11%
Plastic Film or Sheet Film	W	0.15	7.91	2.29%
Non-Recyclable Plastic Packaging	W	0.25	13.23	3.83%
Non-Recyclable (non-packaging) plastic films	W	0.12	6.03	1.74%
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	0.12	6.08	1.76%
Total Recyclable Plastic	**TR**	**0.16**	**8.36**	**2.42%**
Total Non-Recyclable Plastic	**TND**	**0.64**	**33.61**	**9.72%**
Total Plastic		**0.80**	**41.97**	**12.14%**
3. METALS				
Recyclable Metal Containers	R	0.08	4.34	1.26%
Ferrous Metal	W	0.02	1.14	0.33%
Non-Ferrous Metal	W	0.00	0.04	0.01%
Mixed Metals	W	0.00	0.00	0.00%
Total Recyclable Metals	**TR**	**0.08**	**4.34**	**1.26%**
Total Non-Recyclable Metals	**TND**	**0.02**	**1.19**	**0.34%**
Total Metals		**0.11**	**5.53**	**1.60%**
4. GLASS				
Recyclable Glass Containers	R	0.04	2.19	0.63%
Other Non-Recyclable Glass	W	0.02	1.14	0.33%
Total Recyclable Glass	**TR**	**0.04**	**2.19**	**0.63%**
Total Non-Recyclable Glass	**TND**	**0.02**	**1.14**	**0.33%**
Total Glass		**0.06**	**3.33**	**0.96%**
5. ORGANICS				
Avoidable Food Waste	W	1.34	69.80	20.20%
Unavoidable Food Waste	W	1.18	61.39	17.76%
Fats, Oils & Greases	W	0.00	0.06	0.02%
Tissue & Paper Towels	W	0.30	15.81	4.58%
Leaf & Yard Waste	O	0.14	7.34	2.12%
Pet Waste	W	0.98	51.32	14.85%
Total Acceptable Organics	**TAO**	**0.14**	**7.34**	**2.12%**
Total Non-Acceptable Organics	**TND**	**3.80**	**198.39**	**57.40%**
Total Organics		**3.95**	**205.73**	**59.53%**
6. OTHER				
Concrete	W	0.00	0.00	0.00%
Clean Wood	W	0.03	1.72	0.50%
Treated Wood	W	0.01	0.32	0.09%
Rubber	W	0.01	0.75	0.22%
Ceramics & Porcelain	W	0.02	1.23	0.35%
Textiles	W	0.17	8.67	2.51%
Household Hazardous Waste (HHW)	W	0.03	1.34	0.39%
Electronics	W	0.01	0.78	0.22%
Rubble/Soil	W	0.01	0.66	0.19%
Bulky Items	W	0.00	0.00	0.00%
Diapers & Sanitary Waste	W	0.55	28.75	8.32%
Other Waste	W	0.37	19.06	5.51%
Total Recyclable Other	**TR**	**0.00**	**0.00**	**0.00%**
Total Non-Recyclable Other	**TND**	**1.21**	**63.27**	**18.31%**
Total Other		**1.21**	**63.27**	**18.31%**
Overall Total Recyclable	TR	**0.72**	**37.47**	**10.84%**
Overall Total Acceptable Organics	TAO	**0.14**	**7.34**	**2.12%**
Overall Total Non-Recyclable/Non-Acceptable Materials	TND	**5.77**	**300.80**	**87.03%**
Grand Total		**6.63**	**345.62**	**100.00%**

Oxford County Single Family Residential Curbside
Waste Composition Study Sort Categories/Descriptions

Material Category	Recyclable/ Waste/Organics	Description / Examples
1. PAPER		
Newsprint	R	All daily and weekly newspapers. This includes flyers and inserts.
Corrugated Cardboard	R	Any colour of fluted Corrugated Cardboard.
Mixed Recyclable Paper	R	Mixed fine paper, Kraft paper, boxboard, molded pulp, magazines & catalogues, telephone books, non-foil gift wrap, clean unsoiled paper plates.
Non-Recyclable Paper	W	Laminated paper packaging, composite paper/plastic materials, foil wrapping paper, wax lined paper cups
Polycoat/Composite Containers	R	Gable top containers, aseptic containers, spiral wound containers, NO paper cups.
Paper Cups	R	Coffee cups, cold beverage cups, no wax lined cups
2. PLASTIC		
#1 PET Bottles & Jars	R	#1 PET bottles and jars.
Other Recyclable Plastics	R	Recyclable plastics including #1 PET thermoform, #2 HDPE bottles, jars and jugs, wide mouth containers, #5 PP tubs and lids, rigid plastics (#3, #4, #6, #7) yogurt tubs, sour cream containers, clamshell containers, foam trays. #6 PS meat trays, takeout containers, Styrofoam egg cartons. No bulky Styrofoam allowed.
Stand-up Pouches	W	Stand up pouches used for packaging of food and non-food goods.
Plastic Film or Sheet Film	W	Film plastics, shopping bags, milk bags, bread bags.
Non-Recyclable Plastic Packaging	W	Bulky styrofoam, mesh bags, toothpaste tubes, laminated films, etc.
Non-Recyclable (non-packaging) plastic films	W	Garbage bags, Ziplock bags, other sandwich bags
Miscellaneous plastic (rigid plastics, pipes, vinyl siding)	W	Durable plastic products including large rigid plastics, piping, siding, VHS tapes, DVD's, CD's, plastic cutlery, etc.
3. METALS		
Recyclable Metal Containers	R	Steel and aluminum food and beverage cans, aluminum foil, empty steel paint cans, empty aerosol containers.
Ferrous Metal	W	Ferrous metals that contain iron. This includes steel, stainless steel, cast iron, wrought iron.
Non-Ferrous Metal	W	Non-ferrous metals including aluminum, copper, brass, nickel, tin, lead and zinc.
Mixed Metals	W	Mixed metals (i.e., plumbing, electrical, flashing, siding, furniture)
4. GLASS		
Recyclable Glass Containers	R	Glass jars and bottles
Other Non-Recyclable Glass	W	Other glass materials including dishware, decor, lightbulbs, etc.
5. ORGANICS		
Avoidable Food Waste	W	Edible food that is disposed of, including fruits and vegetables, meat and dairy products, baked goods and other leftovers.
Unavoidable Food Waste	W	Inedible food waste, including shells, bones, husks, peels, etc.
Fats, Oils & Greases	W	Cooking oil, fat, grease.
Tissue & Paper Towels	W	Tissue, paper towel
Leaf & Yard Waste	O	Standard natural yard litter, Sticks, Branches, Leaves, Rakings etc.
Pet Waste	W	Any type of pet waste material (litter, feces, bedding etc.).
6. OTHER		
Concrete	W	Concrete, stone.
Clean Wood	W	Clean, non-treated wood.
Treated Wood	W	Treated wood included pressure treated, painted wood, composite wood materials (particle board, MDF, laminate flooring, etc.)
Rubber	W	Miscellaneous rubber.
Ceramics & Porcelain	W	All ceramic and porcelain materials such as dishware, tiles, toilets, etc.
Textiles	W	Clothing or materials of similar nature.
Household Hazardous Waste (HHW)	W	Paint, solvents, lubricants, oil, CFL lightbulbs, batteries, etc.
Electronics	W	Computers, computer accessories, TV's, fax machines, cell phones, rechargeable batteries, video and audio devices.
Rubble/Soil	W	Crushed stone, earth, etc.
Bulky Items	W	Large items including furniture and appliances.
Diapers & Sanitary Waste	W	Any diaper or sanitary products.
Other Waste	W	Small appliances including coffee makers, irons, kettles, blenders, meat pads, wax, furnace filters, fines, etc.