



2020 Litter Audit

Prepared for

City of Toronto

Prepared by

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EXECUTIVE SUMMARY

The City of Toronto (the City) contracted AET Group Inc. (AET) to conduct litter audits at 300 pre-selected locations within the public realm across the city. The audits were conducted from September 28th through October 16th, 2020, with the purpose of assessing the composition and amount of litter present on Toronto streets.

During the study period, AET staff examined large and small litter within the 300 sites across the City. The City has previously completed litter audits in 2002, 2004, 2005, 2006, 2012, 2014 and 2016. The methodology used in this year's audit was consistent with those of previous years. AET visually assessed the litter within these 300 locations and recorded the type, brand and size of litter. In addition, all recyclable large litter was collected and weighed at the end of the audit.

Key findings from the **large litter** audits:

- The average amount of large litter has decreased by 59.7% since the first audit in 2002 (an average of 25 large litter items per site in 2002 compared to 10 in 2020);
- The average amount of large litter has decreased from an average of 13 items per site in 2016 to 10 items per site in 2020;
- The total number of large litter items decreased by 21.2% from 3,835 items in 2016 to 3,024 items in 2020;
- The number of sites with no large litter recorded increased from 14 sites in 2016 to 28 sites in 2020;
- The most commonly found item in the large litter audit was non-branded towels/ napkins, representing nearly 9.5% of all large items audited; and,
- 292 different brands of litter were observed, with Tim Horton's items being the most common, accounting for 20.4% of all branded litter. Other top brand names include: McDonald's at 5.8%, Health Canada at 4.3%, Nestle at 3.1% and Coca Cola at 2.5%, respectively.

Key findings from the **small litter** audits:

- The average amount of small litter has increased from an average of 12 items per site in 2016 to 13 items per site in 2020;
- The total number of small litter items increased by nearly 8.1% from 3,509 items in 2016 to 3,794 items in 2020; and,
- The most commonly found small litter item was chewing gum, accounting for 22.5% of all small litter audited, followed by cigarette butts at 18.1%. Both of these items have been the most common small litter item in 2012, 2014, 2016 and 2020.

The following chart provides an overview of the trends in litter over time.



Key findings from audit of all **recyclable large litter:**

- A total of 15.81 kg of recyclable litter was collected from the 300 litter site locations across the city;
- Corrugated cardboard was the largest contributor to the recyclable litter, at 43.5%;
- Other large contributors include PET Beverage Bottles (10.9%), Other Paper (9.2%), and Clear and Coloured Glass Other Beverage and Food bottles (9.2%).

1.0 INTRODUCTION

1.1 Background

The City of Toronto (the City) contracted AET Group Inc. (AET) to conduct litter audits at 300 pre-selected locations within the public realm across the city. These sites can be seen below in Figure 1.1. The audits took place from September 28th through October 16th, 2020 with the purpose of assessing the composition and amount of litter that was present on Toronto streets. The type of litter was classified into two size categories: large litter, which is equal to or larger than four square inches, and small litter, which is smaller than four square inches.

The City advocates that it is everyone's responsibility to assure that public spaces are clear and clean of litter. The City has 10,175 litter bins throughout the city with receptacles for garbage and recycling. Each street bin also has a receptacle for cigarette butts.

The map displayed in Figure 1.1 has been updated in 2020 to reflect the City's current 25 ward structure. While the audit locations remain in the same, the map has changed from the 2016 report to the current 2020 report.

2020 Street Litter Audit Locations

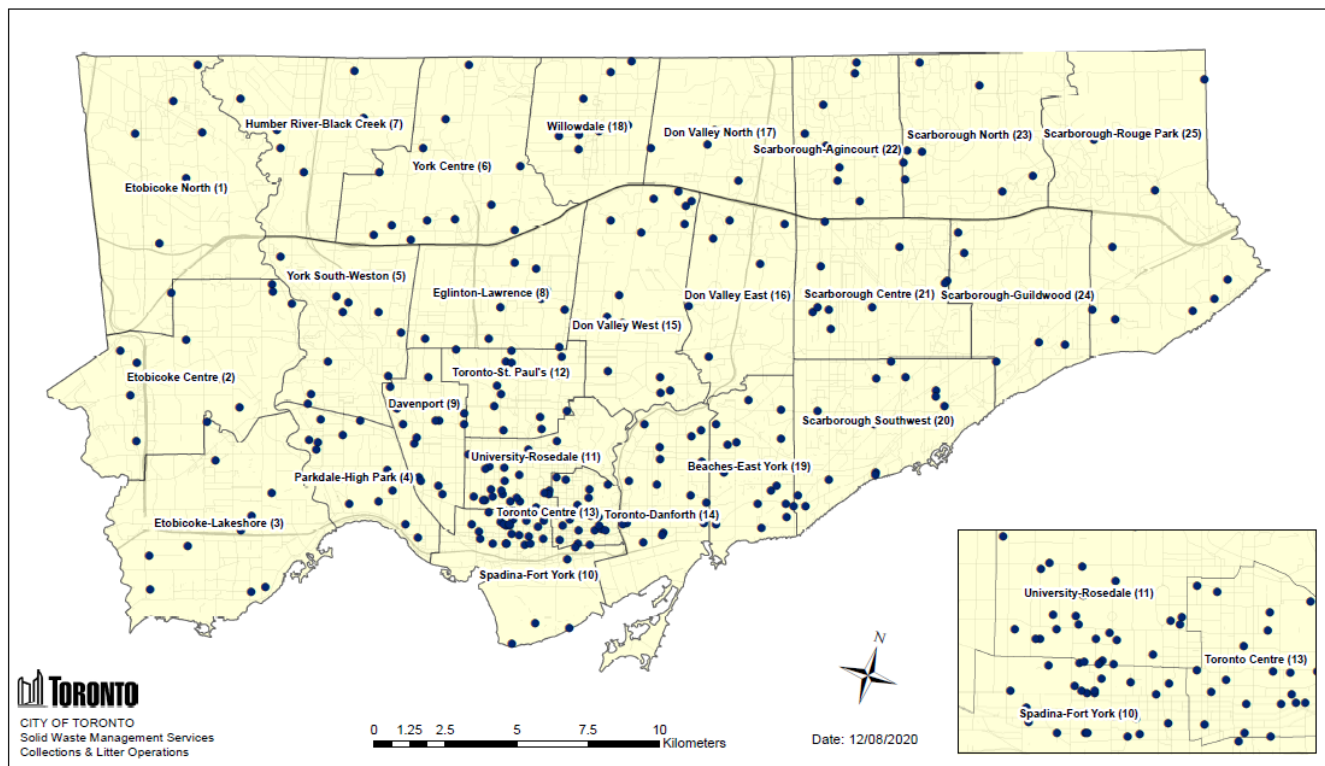


Figure 1.1 Toronto Litter Audit Site Locations

1.2 Objectives

The litter audits were intended to accomplish the following:

- A detailed analysis of large litter items, as well as brands of materials that fall within the survey areas;
- A detailed analysis of small litter items that fall within the smaller subsections of the survey areas; and,

- Analysis and reporting of the results with a focus on a comparison between previously completed audits.

2.0 METHODOLOGY

2.1 Litter Audit Summary

The litter audit was conducted by surveying 300 pre-selected locations which were determined by the City. In 2014, the City randomly selected two new sites to add to the list of randomly selected 298 sites audited in previous audits. The same sites were audited in 2016 and 2020. There are at least a few sites in each ward, with a higher number in the densely populated downtown core. The audits were conducted from September 28th through October 16th, 2020, around the same time of year that previous audits had been conducted. Two teams of two AET staff were assigned to complete the audit within the three-week time period given by the City. AET staff was responsible for observing accumulated litter and recording data for the classification of large litter, branded litter, small litter and background information for each of the 300 sites. In addition, AET staff was responsible for collecting any recyclable large litter that fell within the litter sites. The methodology used in the 2020 litter audit was consistent with the methodology used in previous audits, as requested by the City, with some minor material category additions. There are 95 large litter categories and 24 small litter categories. More information about methodology can be found in Appendix C.

It should be noted that the 2020 litter audit took place during the COVID-19 pandemic. Two large litter material categories were added (face masks and disposable gloves) due to the trends and new personal protective measures being taken by people travelling throughout public spaces and streetscapes during the pandemic.

2.2 Survey Data Collection

AET staff completed the Site Surveyor Form provided by the City for each of the assigned 300 sites. The following information was recorded on these forms:

- Date and time
- Audit team
- Size of audit area
- Type and characteristics of adjacent road
- General attributes of the area
- Visual rating of site

The forms can be found in Appendix D.

GPS coordinates taken with a handheld Garmin GPS unit were also recorded for each site. Data from the *Site Surveyor Forms* were transferred to an Excel worksheet. Site location details can be found in Appendix A.

2.3 Large Litter and Branded Litter Data Collection

After the site was measured and information about the site was recorded, an AET staff member completed the *Large Items and Branded Litter Count* form. After two passes of the site were completed, information about the type and brands of litter (where applicable) present within the study area were recorded. This data was then transferred to an Excel worksheet. In the worksheet, the total amount of large litter at each site was calculated as the average of the two passes. Large litter collection data can be found in Appendix E, while branded litter collection data can be found in Appendix H.

2.4 Small Litter Data Collection

Results from the small litter audits were recorded on the Small Litter Count Sheet by AET staff after the site was measured, and information about the site was recorded. Data from each of the 300 sites was transferred into an Excel worksheet. Results can be found in Appendix F.

3.0 SUMMARY OF RESULTS

3.1 Survey Results

During the audits, AET staff collected information about the roads adjacent to the audit sites. As seen in Figure 3.1, 70.67% of the audit locations were on minor city streets, 24.33% of the audit locations were on major city streets, and the remaining 5% of the audits were conducted on laneways, boardwalks, alleyways, and walkways. Minor city streets serve low traffic volumes and assist with directing traffic to the nearest collector street. Major city streets often have higher traffic volumes and connect various sections of the City.

The survey only looks at public spaces that are within 18 feet of the roadway. Due to this, the survey did not extend into parks and public space parkettes.

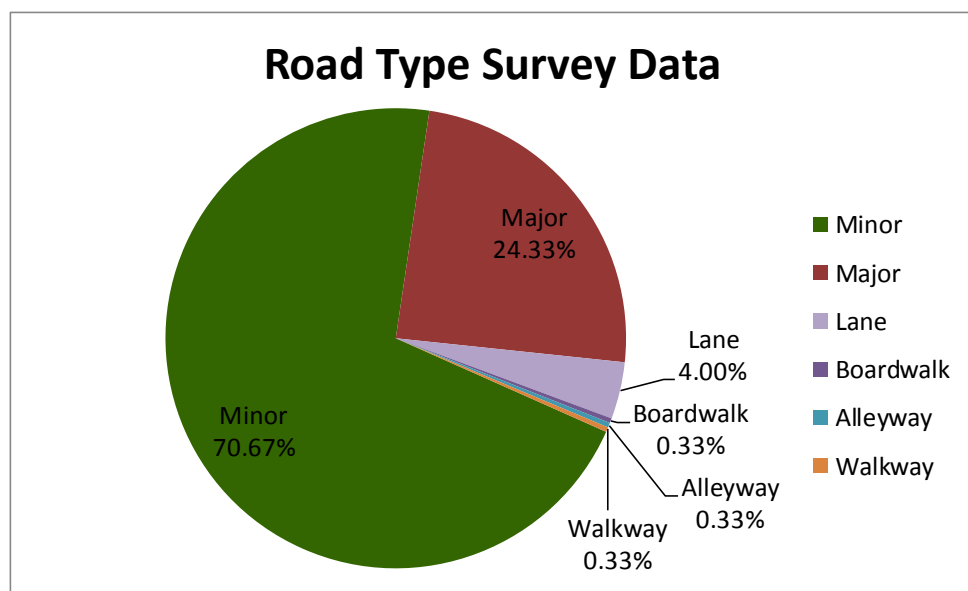


Figure 3.1 Road Type Results – Survey Data

AET staff completed a visual rating for each site based on the amount of litter visible. The sites were rated on a scale from 1-4, 1 representing the cleanest sites with less than 5 pieces of litter visible, and 4 representing the dirtiest sites with greater than 20 pieces of litter visible. Figure 3.2 illustrates the visual ratings of all audit sites.

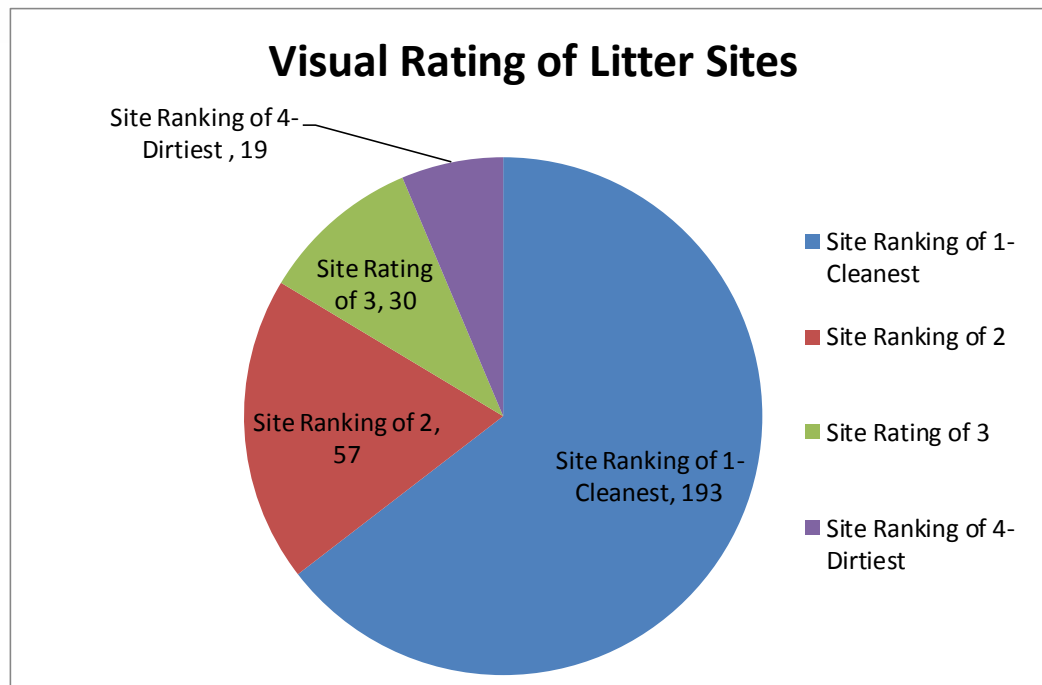


Figure 3.2 Visual Rating Litter Index

3.2 Large Litter Results

Large litter is any piece of litter within the site that is equal to or greater than 4 square inches. As shown in Figure 3.3, the average number of large litter items found at each site has been steadily decreasing since the first audit was conducted in 2002, with a slight increase in 2016. For the most recent audit conducted in 2020, the average amount of large litter has decreased to 10 pieces per site. This was a decrease from the 2016 average of 13 pieces of large litter per site.

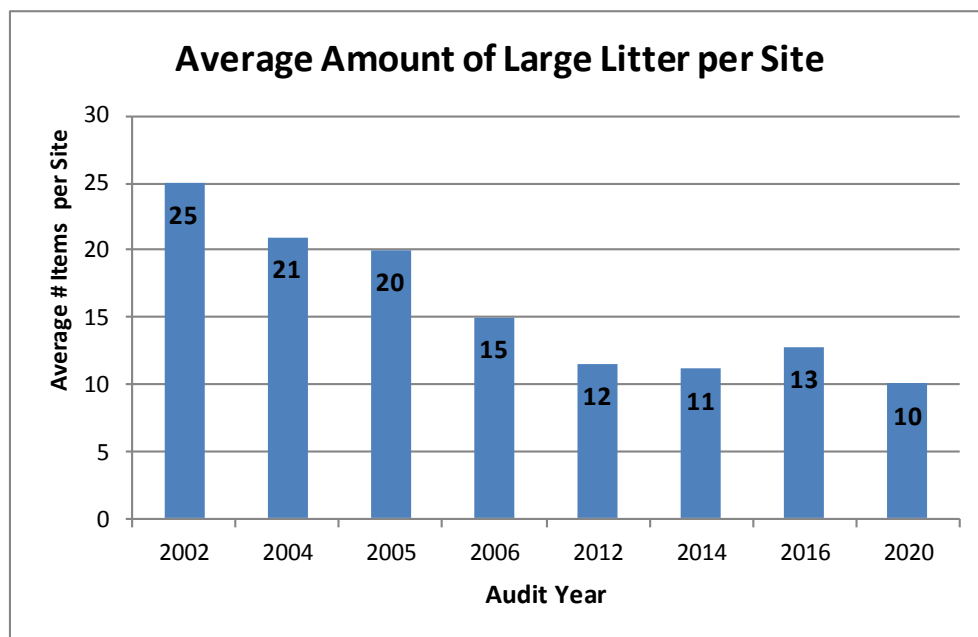


Figure 3.3 Average Amount of Large Litter per Site

The occurrence of the most common type of large litter, non-brand towels/ napkins, grew from 6.5% in 2012 to 14% in 2014, then 15% in 2016 and then dropped to 9.5% in 2020. Other Tobacco (packs, matches, cellophane) were the second most common type of large litter found, at 4.5% in 2020. This material originally represented 2.6% in 2012, 4.4% in 2014 and 5.7% in 2016.

Table 3.1 illustrates the 20 most common items of large litter found during the 2020 audit. These items account for 67% of the large litter identified. The complete list of all the items identified during the large litter audit can be found in Appendix E.

Table 3.1 Top 20 Large Litter Items

#	Large Litter Items	2020 Count	2020 Percent	2016 Count	2016 Percent	2014 Count	2014 Percent	2012 Count	2012 Percent
1	No Brand Name Towels / Napkins / Serviettes	287	9.5%	572	14.9%	468	14.0%	223	6.5%
2	Tobacco Other (packs, matches, cellophane)	137	4.5%	219	5.7%	148	4.4%	90	2.6%
3	Cup Lids, Pieces Lids, Straws	136	4.5%	247	6.4%	180	5.4%	292	8.5%
4	Misc. Plastic	135	4.4%	189	4.9%	267	8.0%	397	11.6%
5	Printed Material (newspapers, flyers, books etc.)	119	3.9%	216	5.6%	179	5.3%	49	1.4%
6	Receipts (business forms, bus transfers, etc)	115	3.8%	236	6.2%	215	6.4%	91	2.6%
7	Straws	109	3.6%	0	0.0%	0	0.0%	0	0.0%
8	Food / Other Organics	107	3.5%	80	2.1%	123	3.7%	0	0.0%
9	Plastic Packaging Other	107	3.5%	235	6.1%	47	1.4%	92	2.7%
10	Other Materials	106	3.5%	95	2.5%	4	0.1%	0	0.0%
11	Construction Debris	103	3.4%	82	2.1%	85	2.5%	46	1.3%
12	Water (Plastic)	82	2.7%	98	2.5%	101	3.0%	91	2.6%
13	Plastic Wrap	79	2.6%	62	1.6%	207	6.2%	79	2.3%
14	Face Masks	76	2.5%	0	0.0%	0	0.0%	0	0.0%
15	Paper Cups (Hot)	65	2.1%	87	2.3%	93	2.8%	57	1.7%
16	Misc. Paper	55	1.8%	113	2.9%	105	3.1%	737	21.5%
17	Snack Food Packaging	54	1.8%	100	2.6%	51	1.5%	42	1.2%
18	Home Articles	54	1.8%	51	1.3%	50	1.5%	101	2.9%
19	Soft Drink (Cans)	53	1.7%	58	1.5%	48	1.4%	53	1.5%
20	Plastic Drink Cups	51	1.7%	44	1.1%	26	0.8%	46	1.3%
Total Top 20		2,025	67.0%	2,780	72.5%	2,393	71.4%	2,483	72.3%
Total - All Large Litter		3,024	100.0%	3,835	100.0%	3,351	100.0%	3,433	100.0%

Note: Straws were added as a new separate material category in 2020. Prior to this, they were counted as "Cup Lids, Pieces Lids, Straws." If straws were included in its original category, Cup Lids, Pieces Lids would have been the second highest material identified in 2020, with 245 items counted.

Table 3.2 below provides a breakdown of the plastic packaging and products identified in the large litter surveys in 2020, 2016, 2014 and 2012. It should be noted that additional detail on plastic utensils was added for the 2020 audit. Prior to 2020, plastic utensils (excluding straws) were categorized as "Utensils" and straws were included in the "Cup Lids, Pieces Lids" category. In 2020, plastic materials accounted for 30.9% of all large litter identified. Of that, Cup Lids & Pieces, Miscellaneous Plastic and Straws were the top three contributors.

Table 3.2 Plastic Packaging and Products Breakdown

Material Category	2020			2016			2014			2012		
	Number of Items	% of Plastic	% of All Large Litter	Number of Items	% of Plastic	% of All Large Litter	Number of Items	% of Plastic	% of All Large Litter	Number of Items	% of Plastic	% of All Large Litter
Cup Lids, Pieces Lids	136	14.5%	4.5%	247	21.9%	6.4%	180	17.6%	5.4%	292	24.1%	8.5%
Misc. Plastic	135	14.4%	4.4%	189	16.8%	4.9%	267	26.1%	8.0%	397	32.7%	11.6%
Straws	109	11.7%	3.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Plastic Packaging Other	107	11.4%	3.5%	235	20.9%	6.1%	47	4.6%	1.4%	92	7.6%	2.7%
Water (Plastic)	82	8.7%	2.7%	98	8.7%	2.5%	101	9.9%	3.0%	91	7.5%	2.6%
Plastic Wrap	79	8.5%	2.6%	62	5.5%	1.6%	207	20.2%	6.2%	79	6.5%	2.3%
Plastic Drink Cups	51	5.5%	1.7%	44	3.9%	1.1%	26	2.5%	0.8%	46	3.8%	1.3%
Plastic Retail Bags	38	4.0%	1.2%	26	2.3%	0.7%	24	2.4%	0.7%	29	2.4%	0.8%
Zipper Bags/ Sandwich	31	3.3%	1.0%	19	1.7%	0.5%	20	2.0%	0.6%	12	0.9%	0.3%
Soft Drink (Plastic)	22	2.4%	0.7%	20	1.7%	0.5%	15	1.5%	0.4%	27	2.2%	0.8%
Plastic Bags - Not Retail	20	2.1%	0.6%	67	6.0%	1.7%	27	2.6%	0.8%	30	2.5%	0.9%
Other Plastic Shells/Boxes	18	1.9%	0.6%	0	0.0%	0.0%	6	0.6%	0.2%	20	1.6%	0.6%
Forks	16	1.7%	0.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Milk/Juice (Plastic)	16	1.7%	0.5%	12	1.0%	0.3%	19	1.9%	0.6%	17	1.4%	0.5%
Spoons	15	1.6%	0.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Plastic Jars / Bottles / Lids	13	1.4%	0.4%	24	2.1%	0.6%	9	0.9%	0.3%	11	0.9%	0.3%
Polystyrene Cups (Foam)	12	1.3%	0.4%	15	1.3%	0.4%	21	2.1%	0.6%	26	2.1%	0.8%
Sport Drink (Plastic)	10	1.1%	0.3%	8	0.7%	0.2%	6	0.6%	0.2%	7	0.6%	0.2%
Wine/ Liquor (Plastic/Other)	6	0.6%	0.2%	1	0.1%	0.0%	4	0.4%	0.1%	0	0.0%	0.0%
Polystyrene Clamshells	6	0.6%	0.2%	11	1.0%	0.3%	11	1.1%	0.3%	9	0.7%	0.2%
Knives	6	0.6%	0.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	5	0.5%	0.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other plastic FF plates	3	0.3%	0.1%	0	0.0%	0.0%	0	0.0%	0.0%	1	0.1%	0.0%
Chop sticks	2	0.2%	0.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Polystyrene Trays	1	0.1%	0.0%	17	1.5%	0.4%	4	0.4%	0.1%	2	0.2%	0.1%
Six Pack Plastic Rings	0	0.0%	0.0%	0	0.0%	0.0%	3	0.2%	0.1%	2	0.2%	0.1%
Poly Fast Food Plates	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0%	0.0%
Utensils	N/A	N/A	N/A	33	2.9%	0.8%	25	2.5%	0.7%	24	2.0%	0.7%
Total	934	100.0%	30.9%	1124	100.0%	29.3%	1020	100.0%	30.4%	1211	100.0%	35.3%

3.2.1 Large Litter by Material

Items within the large litter categories are composed of different material types. These items were categorized based on their known composition, including: paper, plastic, composite (made of multiple materials), metal, glass, various (could be multiple different types of materials), textiles, organics and electronics. Figure 3.4 illustrates the most common material types of the 3,024 large litter items audited. Paper is the largest material category representing 33.5% of the materials audited. Plastic is the second largest material category at 30.9%. Various is the third largest category representing 23.9% of the materials audited.

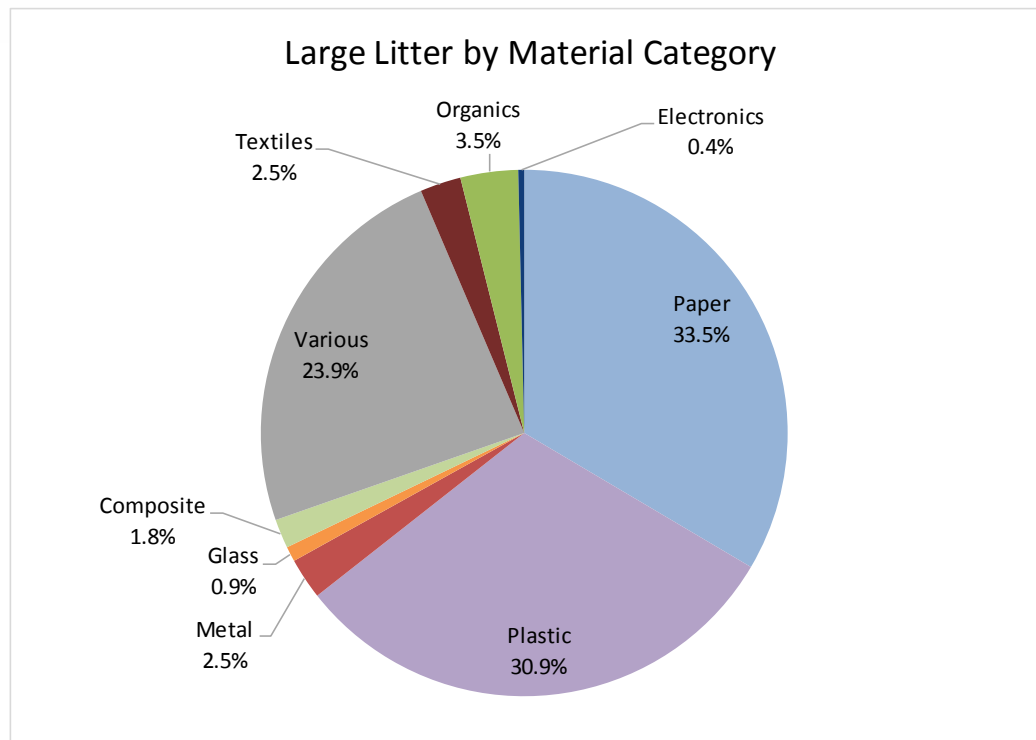


Figure 3.4 Large Litter by Material Category

Table 3.3 below illustrates the composition of large litter by material category since 2012. The overall amount of paper has decreased in 2020. It should be noted that electronics were not identified as a category for the audits prior to 2020. In addition, organics was not identified as a category in 2012.

Table 3.3 Large Litter by Material Category from 2012 to 2020

Material Type	2020	2016	2014	2012
Paper	33.5%	42.8%	43.3%	43.2%
Plastic	30.9%	29.3%	30.4%	35.3%
Metal	2.5%	2.1%	2.0%	2.5%
Glass	0.9%	1.0%	0.4%	0.5%
Composite	1.8%	1.1%	2.1%	3.0%
Various	23.9%	20.2%	16.4%	14.4%
Textiles	2.5%	1.5%	1.7%	1.1%
Organics	3.5%	2.1%	3.7%	0.0%
Electronics	0.4%	0.0%	0.0%	0.0%
	100.0%	100.0%	100.0%	100.0%

3.2.1 Large Litter by Category

Table 3.4 below provides a summary of the total amount of large litter audited by each of the 14 categories used for the analysis of the large litter items. The three most common categories of litter audited in 2020 include other miscellaneous, paper/fibre material, and cups. Throughout the 2012, 2014 and 2016 audits these categories remained the top three. Other miscellaneous items include paper and plastic, as well as food, other organics,

construction debris and vehicle/road debris and PPE. Trays, other beverage packaging and other containers were the least common categories found in 2020, which was also the case in 2012, 2014 and 2016. A full list of material categories and their definitions can be found in Appendix C.

Table 3.4 Large Litter by Category 2012, 2014, 2016 and 2020

Survey Year	2020		2016		2014		2012	
Category	Items	Percent	Items	Percent	Items	Percent	Items	Percent
Paper/Fibre Material	622	20.6%	1,125	29.3%	990	29.5%	432	12.6%
Other Miscellaneous	837	27.7%	781	20.4%	754	22.5%	1,436	41.8%
Cups	292	9.7%	417	10.9%	351	10.5%	467	13.6%
Food Wraps/ Containers	117	3.9%	122	3.2%	273	8.1%	125	3.6%
Beverage	212	7.0%	212	5.5%	208	6.2%	214	6.2%
Confectionary/ Snack	147	4.8%	206	5.4%	204	6.1%	224	6.5%
Tobacco	138	4.6%	219	5.7%	152	4.5%	112	3.2%
Other Packaging	207	6.8%	354	9.2%	142	4.2%	168	4.9%
Bags	142	4.7%	167	4.3%	117	3.5%	98	2.9%
Cloth	76	2.5%	58	1.5%	56	1.7%	39	1.1%
Take-Out Extras	190	6.3%	91	2.4%	48	1.4%	58	1.7%
Other Beverage Packaging	15	0.5%	28	0.7%	26	0.8%	19	0.6%
Other Containers	25	0.8%	42	1.1%	21	0.6%	38	1.1%
Trays	6	0.2%	17	0.4%	11	0.3%	5	0.1%
Total	3,024	100.0%	3,835	100.0%	3,351	100.0%	3,433	100.0%

Figures 3.5, 3.6, 3.7 and 3.8 below provide a comparison of each of the categories in the Large Litter audit in 2020, 2016, 2014 and 2012, respectively. It should be noted that straws were previously (2012-2016) classified as Cups and have now changed to Take-Out Extras (2020). This would explain the decrease in the Cups total and the increase in the Take-out Extras total.

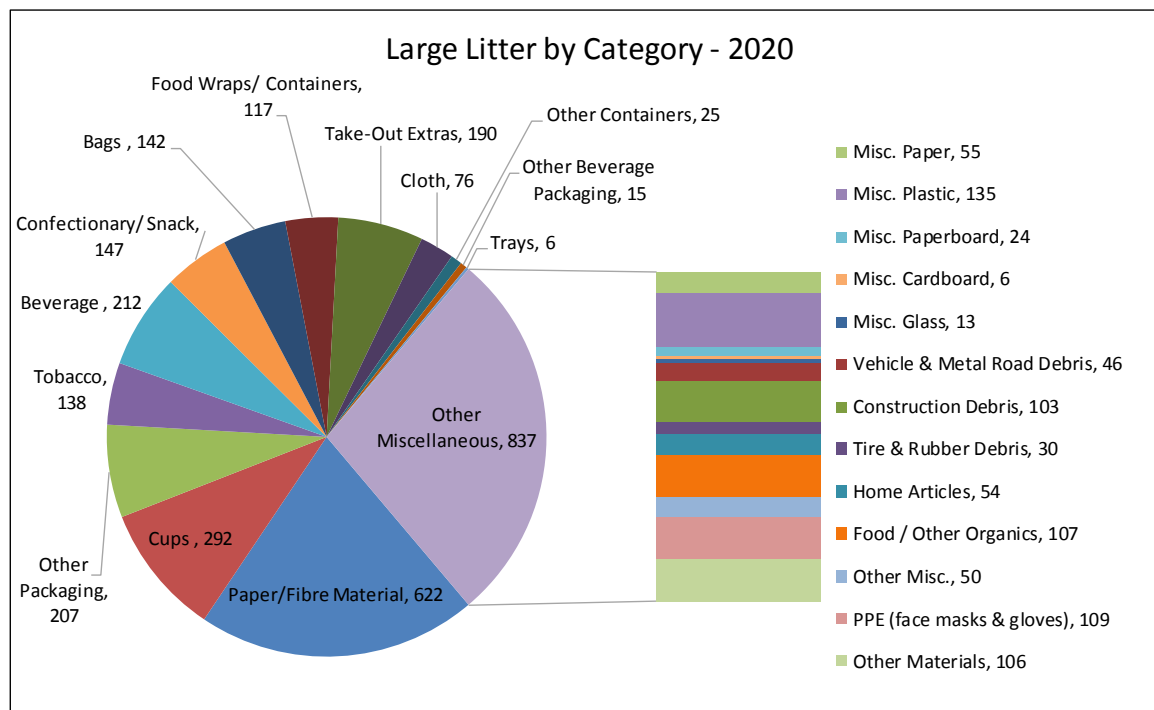


Figure 3.5 Large Litter by Category 2020

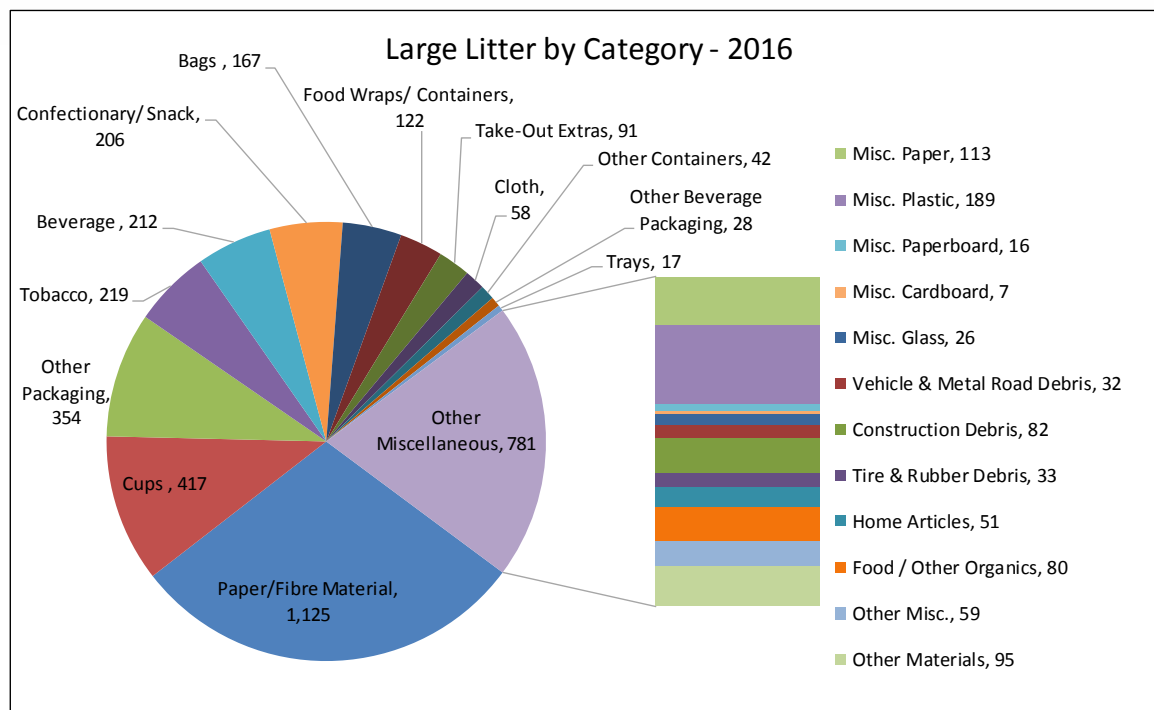


Figure 3.6 Large Litter by Category 2016

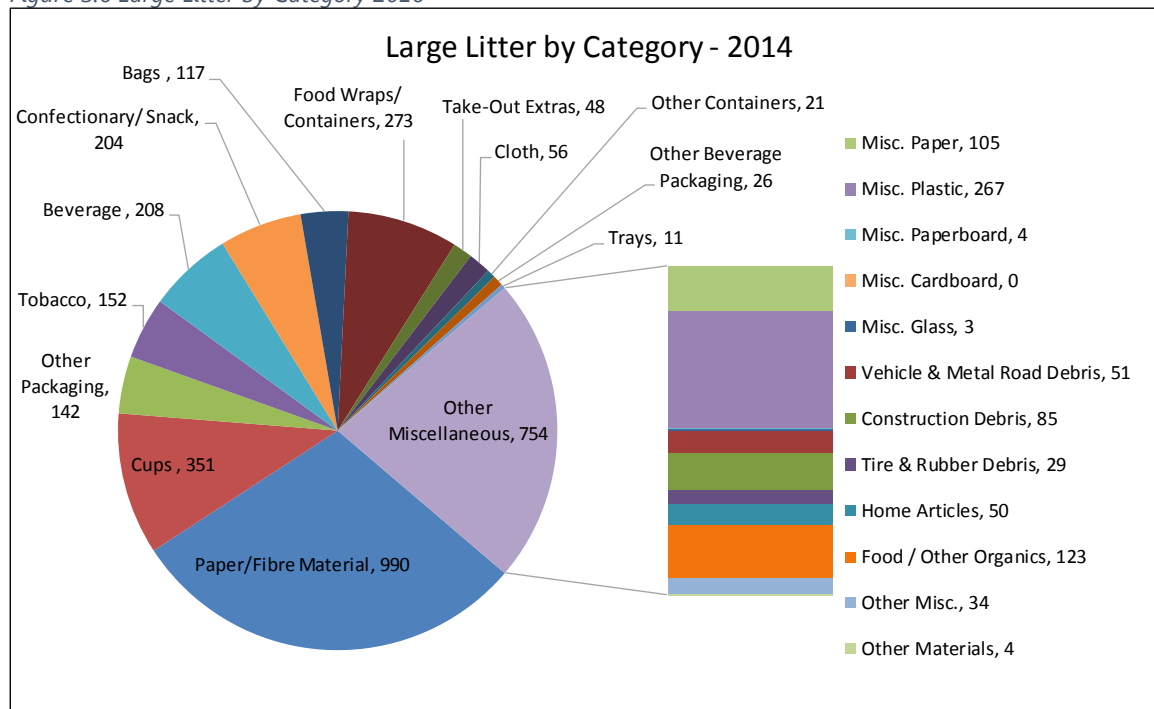


Figure 3.7 Large Litter by Category 2014

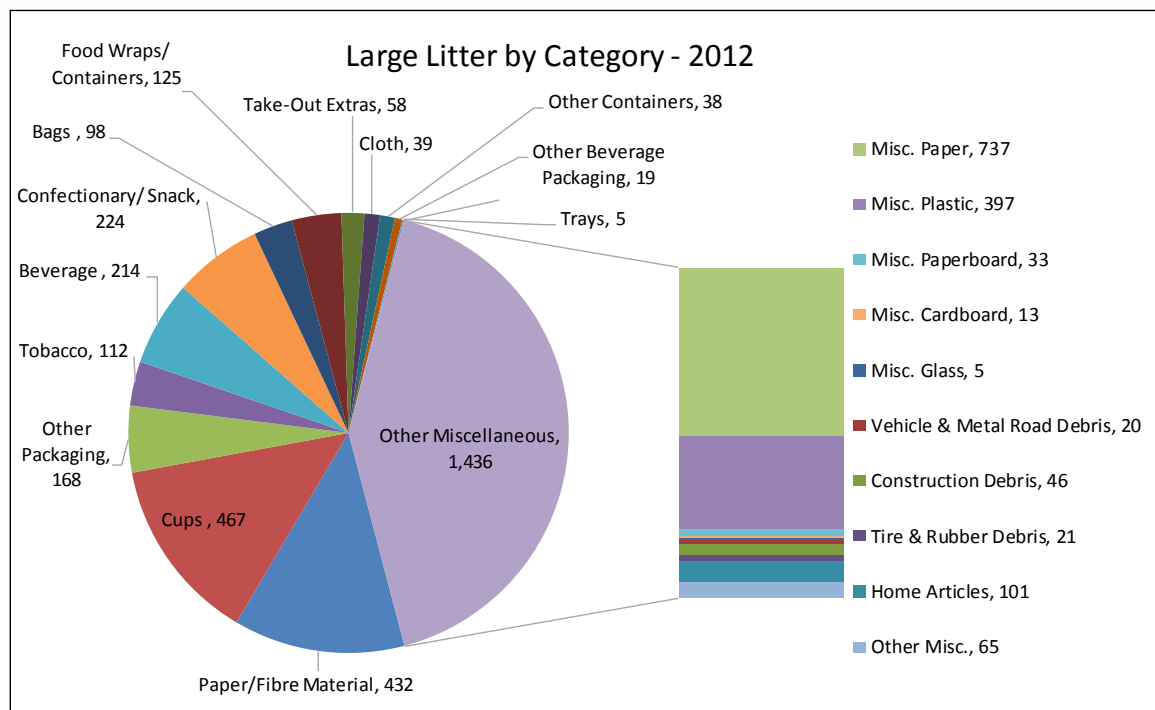


Figure 3.8 Large Litter by Category 2012

3.2.1 Large Litter by Sites

Tables 3.5, 3.6, 3.7 and 3.8 below illustrate the 10 sites with the highest item counts for Large Litter in 2020, 2016, 2014 and 2012, respectively. In 2020, Kennedy Rd. (Site #147) had the largest amount of large litter identified, amounting to 85 pieces. Common sites in the top 10 for large litter during 2020 and 2016 include sites located on Kennedy Rd. (Site #147), St. Clair Ave. W (Site #20) and Bond St. (Site #300).

Table 3.5 Highest Ranking Sites for Large Litter 2020

Site ID	Site #	Lg Litter	Street Name
153	147	85	Kennedy Rd.
25	20	84	St. Clair Ave. W
602	300	57	Bond St.
515	288	53	Sheppard W
311	226	49.5	Euclid Ave.
108	103	46.5	Murray Rd.
23	18	43	Canmotor Ave
141	135	43	Littles Rd.
178	172	42	Kingston Rd
73	68	41	Newtonbrook Blvd.

Table 3.6 Highest Ranking Sites for Large Litter 2016

Site ID	Site #	Lg Litter	Street Name
221	199	120	Cedarvale Ave.
602	300	108.5	Bond St.
124	119	93	Halsey Ave.
4	4	86	Iron St.
153	147	72	Kennedy Rd.
150	144	66.5	Booth Ave.
333	242	54	Dundas St. E.
122	117	52	Walpole Ave.
25	20	51	St. Clair Ave. W
509	282	50.5	Algarve

Table 3.7 Highest Ranking Sites for Large Litter 2014

Site ID	Site #	Lg Litter	Street Name
602	300	86	Bond St.
124	119	67	Halsey Ave.
153	147	59	Kennedy Rd.
86	81	51.5	Don Mills Rd.
210	188	49	Mutual St.
409	255	48	Castlefield Ave
119	114	45	Butterick Rd.
402	249	43	Garfella Dr
155	149	42.5	Eglinton Ave. E
308	223	39.5	Hickory St.

Table 3.8 Highest Ranking Sites for Large Litter 2012

Site ID	Site #	Lg Litter	Street Name
515	288	103	Sheppard W
310	225	73	Eden PL
409	255	64	Castlefield Ave
259	210	55	Dundas St. W.
111	106	51	Finch Ave. W
413	259	50	Lippincott St
61	56	47	Grenville St.
151	145	45	Fernwood
96	91	42	Bayview Ave.
35	30	40	McFarland Ave.

*It must be noted that Site #299 and #300 were not audited as a part of the 2012 audit.

3.2.1 Large Litter Site Analysis

Large litter site analysis were conducted on the results of the large litter audit. The number of sites with no large litter increased from 14 sites in 2016 to 28 sites in 2020. The number of sites that rank above, on and below the average number of items audited per site are very similar in 2012, 2014 and 2016 as seen in Figure 3.9. A total of 196 (65.3%) sites fell below the average; 7 (2.3%) sites had the average of 10 pieces per site and 97 (32.3%) sites were above average.

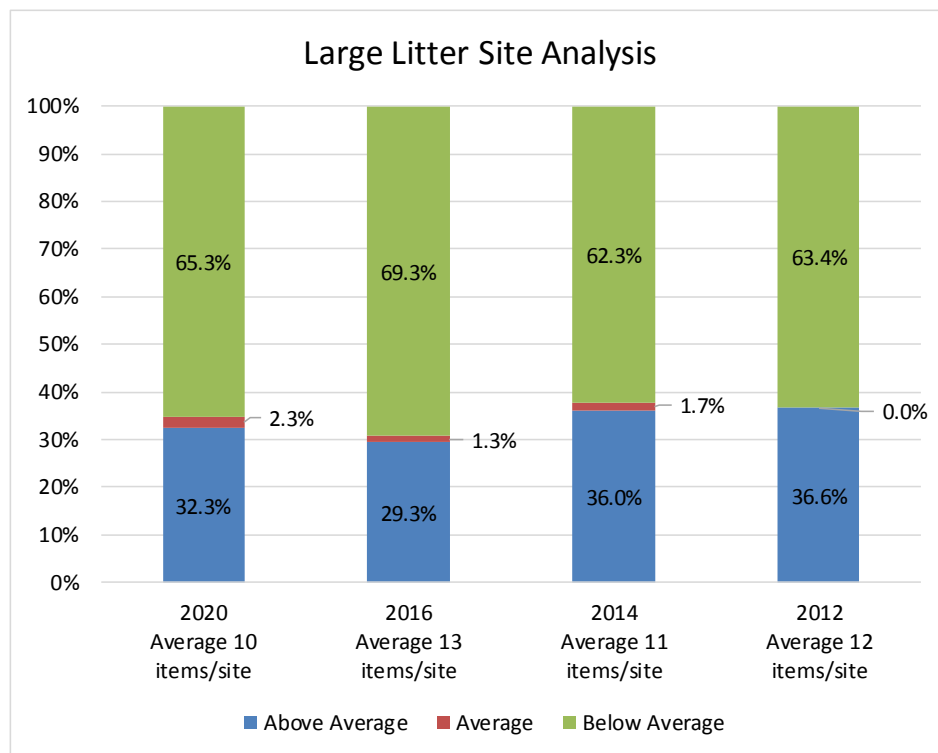


Figure 3.9 Large Litter Site Analysis 2020, 2016, 2014, 2012

3.3 Branded Litter Results

While completing the large litter audit, the auditors recorded the brand name of any item where the brand was visible. In 2020, the brand names of 798 individual items were recorded in the large litter audit. In total, 292 different brands of litter were identified.

Table 3.9 illustrates the brands that were identified most frequently in 2020. In addition, the total number of items identified in 2016 is shown in Table 3.9. The most prevalent brand was Tim Horton's, with 163 items (20.4% of all of the branded litter found). The brand with the second largest contribution was McDonald's with 46 items recorded, representing 5.8% of the branded litter found. Health Canada (warning card found in cigarette packs) was the third most common brand name found with 34 items identified, representing 4.3% of the materials recorded. Other top brand names identified include Nestle, Coca Cola, Starbucks, Belmont cigarettes, TTC (Toronto Transit Commission), and Real Canadian Water. It must be noted that litter identified from fast food restaurants such as Tim Horton's, McDonald's and Starbucks often have several pieces of litter in the same area. An example of this would be a coffee cup that includes the paper cup, the lid and sometimes an additional sleeve. All of the brand names observed and recorded can be found in Appendix H.

Table 3.9 Brand Name Large Litter Results 2020

#	Brand Name	2020		2016	
		Total	Percent (%)	Total	Percent (%)
1	Tim Hortons	163	20.4%	183	15.8%
2	McDonalds	46	5.8%	86	7.4%
3	Health Canada	34	4.3%	9	0.8%
4	Nestle	25	3.1%	52	4.5%
5	Coca Cola	20	2.5%	21	1.8%
6	Starbucks	19	2.4%	24	2.1%
7	Belmont	11	1.4%	25	2.2%
8	TTC	11	1.4%	34	2.9%
9	Real Canadian Water	10	1.3%	12	1.0%
10	Iran Javan (newspaper)	9	1.1%	0	0.0%
11	Canada Dry	8	1.0%	9	0.8%
12	du Maurier	8	1.0%	23	2.0%
13	Fruit roll up	8	1.0%	0	0.0%
14	Wendy's	8	1.0%	4	0.3%

3.4 Small Litter Results

There was a total of 3,794 pieces of Small Litter (< 4 square inches) counted by AET staff in the 2020 Small Litter audits for the city. This represents an increase in Small Litter of 8.1% compared to 2016.

Table 3.10 illustrates the differences in the small litter from 2016 to 2020. The results from the 2012 and 2014 audit for small litter are also included in the table. As seen in the table, some items increased from 2016 to 2020 and other items decreased. The items that experienced the largest increase are rubber (scrap rubber debris, rubber

bands, etc.) (increase of 550%), polystyrene packing materials (increase of 368.2%), other material (increase of 138%), and glass (increase of 98.4%). The top two small litter contributors have experienced a decrease from 2016 to 2020. Both chewing gum (decrease of 4.4%) and cigarette butts (decrease of 12.3%) have decreased from the 2016 audit. It should be noted that face masks were added as a category for both large and small litter in 2020, however no face masks were classified as small litter, as they did not fall under 4 square inches.

Table 3.10 Small Litter Results 2020, 2016, 2014 & 2012

Small Litter Items	Small Litter: 2020, 2016, 2014 & 2012								Change (2016-2020)
	2020		2016		2014		2012		
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	
Chewing gum (stuck on pavement)	854	22.5%	893	25.4%	990	32.6%	590	28.9%	(4.4%)
Cigarette butts/debris	687	18.1%	783	22.3%	793	26.1%	637	31.3%	(12.3%)
Glass	488	12.9%	246	7.0%	144	4.7%	42	2.1%	98.4%
Paper	455	12.0%	734	20.9%	514	16.9%	336	16.5%	(38.0%)
Other material	407	10.7%	171	4.9%	84	2.8%	15	0.7%	138.0%
Hard plastic	270	7.1%	227	6.5%	145	4.8%	100	4.9%	18.9%
Plastic film	155	4.1%	106	3.0%	80	2.6%	93	4.6%	46.2%
Candy packaging and wrappers	117	3.1%	86	2.5%	84	2.8%	92	4.5%	36.0%
Aluminum/foil debris	106	2.8%	73	2.1%	64	2.1%	23	1.1%	45.2%
Other polystyrene debris, ie. Poly foam pieces	103	2.7%	22	0.6%	11	0.4%	42	2.1%	368.2%
Metal (not aluminum)	51	1.3%	55	1.6%	46	1.5%	17	0.8%	(7.3%)
Food & Other Organics	31	0.8%	45	1.3%	34	1.1%	0	0.0%	(31.1%)
Bottle caps	27	0.7%	17	0.5%	8	0.3%	18	0.9%	58.8%
Rubber (scrap rubber debris, rubber bands, etc.)	13	0.3%	2	0.1%	11	0.4%	3	0.1%	550.0%
Other tobacco	11	0.3%	22	0.6%	9	0.3%	15	0.7%	(50.0%)
Plastic Eating Utensils									
Forks	2	0.1%	0	0.0%	0	0.0%	0	0.0%	N/A
Knives	0	0.0%	0	0.0%	0	0.0%	0	0.0%	N/A
Spoons	0	0.0%	0	0.0%	0	0.0%	0	0.0%	N/A
Chop Sticks	0	0.0%	0	0.0%	0	0.0%	0	0.0%	N/A
Straws	6	0.2%	4	0.1%	10	0.3%	6	0.3%	50.0%
Other	6	0.2%	0	0.0%	0	0.0%	0	0.0%	N/A
E-waste (cables, usb keys, earbuds, etc)	4	0.1%	0	0.0%	0	0.0%	0	0.0%	N/A
Polystyrene packing materials, ie. Foam peanuts	1	0.0%	23	0.7%	9	0.3%	9	0.4%	(95.7%)
Face Masks (< 4 square inches)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	N/A
Total Small Litter	3,794	100.0%	3,509	100.0%	3,036	100.0%	2,038	100.0%	8.1%

3.4.1 Small Litter by Sites

Tables 3.11, 3.12, 3.13 and 3.14 illustrate the 10 sites with the highest item counts for Small Litter in 2020, 2016, 2014 and 2012, respectively. In 2020, Bond St. (Site #300) had the highest amount of small Litter with 162 pieces counted. In 2016, the site with the highest amount of small Litter was Spadina Ave. (Site #211) with 94 pieces. A total of 3 sites remained in the top ten for small litter from 2016 to 2020. These sites include: Spadina Ave. (Site #211), Bond St. (Site #300) and Dundas St. W. (Site #210). These sites are all located in the downtown core of Toronto and have a lot of pedestrian foot traffic.

Table 3.11 Highest Ranking Sites for Small Litter 2020

Site ID	Site #	Sm Litter	Street Name
602	300	162	Bond St.
259	210	150	Dundas St. W.
153	147	139	Kennedy Rd.
310	225	110	Eden PL
300	215	79	Bloor St. W
329	239	68	Grosvenor St.
56	51	67	Napanee Ct.
179	173	64	Eglinton Ave. E
260	211	64	Spadina Ave.
159	153	62	Princemere Cr

Table 3.12 Highest Ranking Sites for Small Litter 2016

Site ID	Site #	Sm Litter	Street Name
260	211	94	Spadina Ave.
332	241	89	Gerrard St. E.
305	220	75	Spadina Ave.
261	212	66	Augusta Ave.
602	300	65	Bond St.
259	210	63	Dundas St. W.
301	216	63	Bloor St. W.
36	31	59	Dupont St.
515	288	55	Sheppard W
21	17	53	Browns Line

Table 3.13 Highest Ranking Sites for Small Litter 2014

Site ID	Site #	Sm Litter	Street Name
321	234	153	Queen St. W.
260	211	140	Spadina Ave.
261	212	103	Augusta Ave.
259	210	96	Dundas St. W.
92	87	81	York Mills Rd.
301	216	81	Bloor St. W.
305	220	69	Spadina Ave.
602	300	64	Bond St.
153	147	63	Kennedy Rd.
329	239	61	Grosvenor St.

Table 3.14 Highest Ranking Sites for Small Litter 2012

Site ID	Site #	Sm Litter	Street Name
300	215	54	Bloor St. W
408	254	47	Jameson Ave
111	106	40	Finch Ave. W
305	220	40	Spadina Ave.
149	143	37	Pape Ave
222	200	36	Don Mills Rd.
329	239	35	Grosvenor St.
124	119	33	Halsey Ave.
306	221	33	Kensington Ave.
158	152	30	Warden Ave.

*It must be noted that Site #299 and #300 were not audited as a part of the 2012 audit.

3.4.1 Small Litter Site Analysis

Small litter site analysis were conducted on the results of the small litter audit (Figure 3.10). The number of sites with no small litter has increased from 20 in 2016 to 32 in 2020. The numbers of sites that rank above, on and below the average number of items audited per site are very similar in 2012, 2014, 2016 and 2020. The average number of small litter items per site was 7 in 2012, 10 in 2014, 12 in 2016 and 13 in 2020.

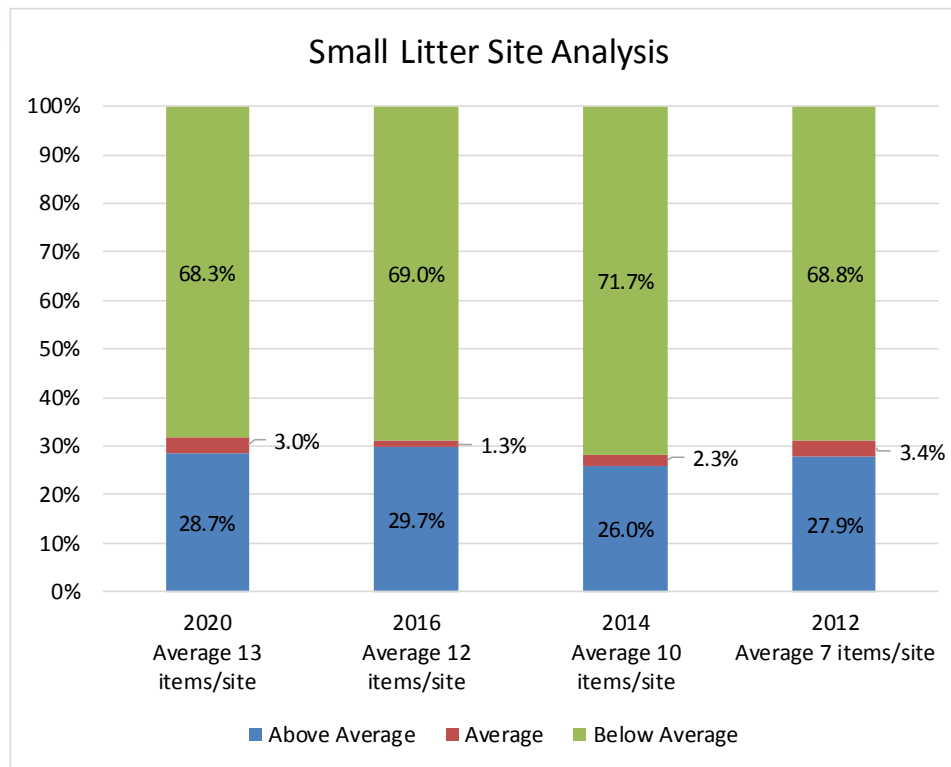


Figure 3.10 Small Litter Site Analysis 2020, 2016, 2014, 2012

4.0 RECYCLABLE LITTER COLLECTED

Recyclable large litter was collected from each of the 300 sites after completing the survey forms and large litter count. At the end of the audit, AET staff sorted the recyclables into 16 categories. The weights and overall composition of the recyclables collected are displayed in Table 4.1. In addition, composition of recyclable large litter collected and audited during the 2016 audit are included in Table 4.1. A complete list of the sort results can be found in Appendix I.

Table 4.1 Recyclable Litter Weights

Material Category	2020		2016	
	Weight (kg)	Percent (%)	Weight (kg)	Percent (%)
Corrugated - Pizza Boxes etc.	6.87	43.5%	1.88	15.4%
PET Beverage Bottles	1.73	10.9%	1.88	15.4%
Other Paper (includes aseptic containers, molded pulp)	1.46	9.2%	1.99	16.3%
Clear and Coloured Glass Other Beverage and Food	1.45	9.2%	1.12	9.2%
Boxboard/Cores	1.15	7.3%	1.09	8.9%
Other Plastic Containers	1.12	7.1%	1.17	9.6%
Aluminum Food and Beverage Cans	0.80	5.1%	0.79	6.5%
Laminated/Other Plastic Film and Bags	0.25	1.6%	0.49	4.0%
Newspaper - Daily and Weeklys - Other	0.21	1.3%	0.60	4.9%
Clear Glass Alcohol Beverage	0.21	1.3%	0.00	0.0%
E-Waste (car charger, insulated wire, plug, phone charger cable, e-cigarette)	0.18	1.1%	0.00	0.0%
Single-use plastic cutlery (straws excluded)	0.15	0.9%	N/A	N/A
Magazines and Catalogues	0.08	0.5%	0.19	1.6%
Steel Food and Beverage Cans	0.07	0.4%	0.01	0.1%
Other Metal	0.04	0.3%	0.43	3.5%
Coloured Glass Alcohol Beverage	0.04	0.3%	0.57	4.7%
Total	15.81	100.0%	12.21	100.0%
Average Weight of Recyclable Large Litter per Site	0.05		0.04	

Photographs of the sorted recyclable litter were taken upon completion of the audit. Figures 4.1 to 4.8 illustrate some of the recyclable materials found.



Figure 4.1 Recyclable Newspaper and Magazines



Figure 4.2 Recyclable PET Bottles



Figure 4.3 Recyclable Corrugated Cardboard



Figure 4.4 Recyclable Other Plastic Containers



Figure 4.5 Recyclable Boxboard/Cores



Figure 4.6 Recyclable Aluminum Cans



Figure 4.7 Recyclable Glass Bottles



Figure 4.8 Recyclable Plastic Cutlery

5.0 ADDITIONAL OBSERVATIONS

AET staff noted the presence of any City litter bins within a 200 meter radius from the site boundary. Figures 5.1, 5.2 and 5.3 are examples of litter bins that were present within or near some of the 300 audited sites. Figure 5.1 shows the City's older style litter bins that have three separate receptacles: one for garbage and two for recycling. Some City bins only have one compartment for recyclables but resemble the same set-up. In addition, the City's litter bins have a small compartment for cigarette butts. Figure 5.2 illustrates litter bins that are commonly found in Toronto Parks. Figure 5.3 illustrates a newer style street litter bin. Auditors often noted broken or missing foot pedals on the older style street litter bins. Of the 300 sites that were audited, 98 sites (33%) had litter bins present within a 200-meter radius, while 202 sites (67%) did not. When looking at cigarette butt litter specifically, sites with a litter bin present had an average of 3.6 cigarette butts per site and sites without a litter bin present had an average of 1.7 cigarette butts per site. Evidence of litter cleanup was seen at 8 of the 300 sites. This was in the form of mobile City street cleaner vacuum machines, City workers manually picking up litter and residents picking up litter in their neighborhoods.



Figure 5.1 Street Litter Bin



Figure 5.2 Park Litter Bins



Figure 5.3 Newer Style Street Litter Bin

The areas with City litter bins nearby had on average 11 pieces of Large Litter within the site, and the areas without a nearby City litter bin had an average of 10 pieces of large litter. Litter bins were generally observed in areas with more public foot traffic. This could be a reason some difference in the average amount of litter within areas with and without City litter bins.

AET staff also made note of any site characteristics that would affect the litter in the site and assist the City in locating certain sites of concern. All details for each site are provided in Appendix A. Figures 5.4 and 5.5 illustrate examples of large and small litter and their common catchpoints.



Figure 5.4 Accumulated Large Litter entering ditch



Figure 5.5 Small Litter accumulated around plant base

6.0 SITE RANKING AND ATTRIBUTES

AET staff ranked each of the 300 audited sites three different ways: 1) By the total number of large litter items that were audited within each site; 2) By the total number of small litter items that were audited within each site; and, 3) The total combined amount of large and small litter. Table 6.1 illustrates the sites that have the greatest amount of large and small litter combined. A full list of all 300 sites can be found in Appendix G.

Table 6.1 Site Ranking for All Litter (Combined Large and Small Litter)

Site ID	Site #	Large Litter	Small Litter	All Litter	Street Name
153	147	85	139	224	Kennedy Rd.
602	300	57	162	219	Bond St.
259	210	8	150	158	Dundas St. W.
310	225	25.5	110	135.5	Eden PL
329	239	40	68	108	Grosvenor St.
300	215	23	79	102	Bloor St. W
25	20	84	13	97	St. Clair Ave. W
515	288	53	41	94	Sheppard W
179	173	28	64	92	Eglinton Ave. E
210	188	24	55	79	Mutual St.

Attributes of the sites with the highest amount of combined All Litter (small and large litter) are provided in Table 6.2. Fast food restaurants and bench or resting structures were present for 60% of the top ten sites, convenience stores were present for 40% of the top ten sites, bus stops and street litter bins were present for 50% of the top ten sites, traffic lights or stop signs were present for 100% of the top ten sites and mobile food vendors were present for 10% of the top 10 sites. Major streets accounted for 60% of the top ten sites, minor streets accounted for 30% of the top ten sites and laneways accounted for 10% of the top ten sites.

Table 6.2 Top Ten Sites with the Highest Quantity of Large and Small Litter Items and Site Attributes

Site ID	Site #	All Litter	Street Name	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Road Type	Area
153	147	224	Kennedy Rd.	Y	Y	N	Y	Y	Y	Y	Major	Com-Res
602	300	219	Bond St.	N	N	N	N	N	Y	N	Minor	Com-Res
259	210	158	Dundas St. W.	Y	N	Y	Y	Y	Y	Y	Major	Com-Res
310	225	135.5	Eden PL	N	Y	N	N	N	Y	N	Lane	Res
329	239	108	Grosvenor St.	N	N	N	N	N	Y	N	Minor	Com-Res
300	215	102	Bloor St. W	Y	N	N	Y	Y	Y	Y	Major	Com-Res
25	20	97	St. Clair Ave. W	Y	Y	N	Y	N	Y	N	Major	Com
515	288	94	Sheppard W	N	N	N	N	Y	Y	N	Major	Com-Ind
179	173	92	Eglinton Ave. E	Y	Y	N	Y	Y	Y	Y	Major	Com-Res
210	188	79	Mutual St.	Y	N	N	Y	N	Y	Y	Minor	Res-Com-Park

2020 Top 10 Littered Sites

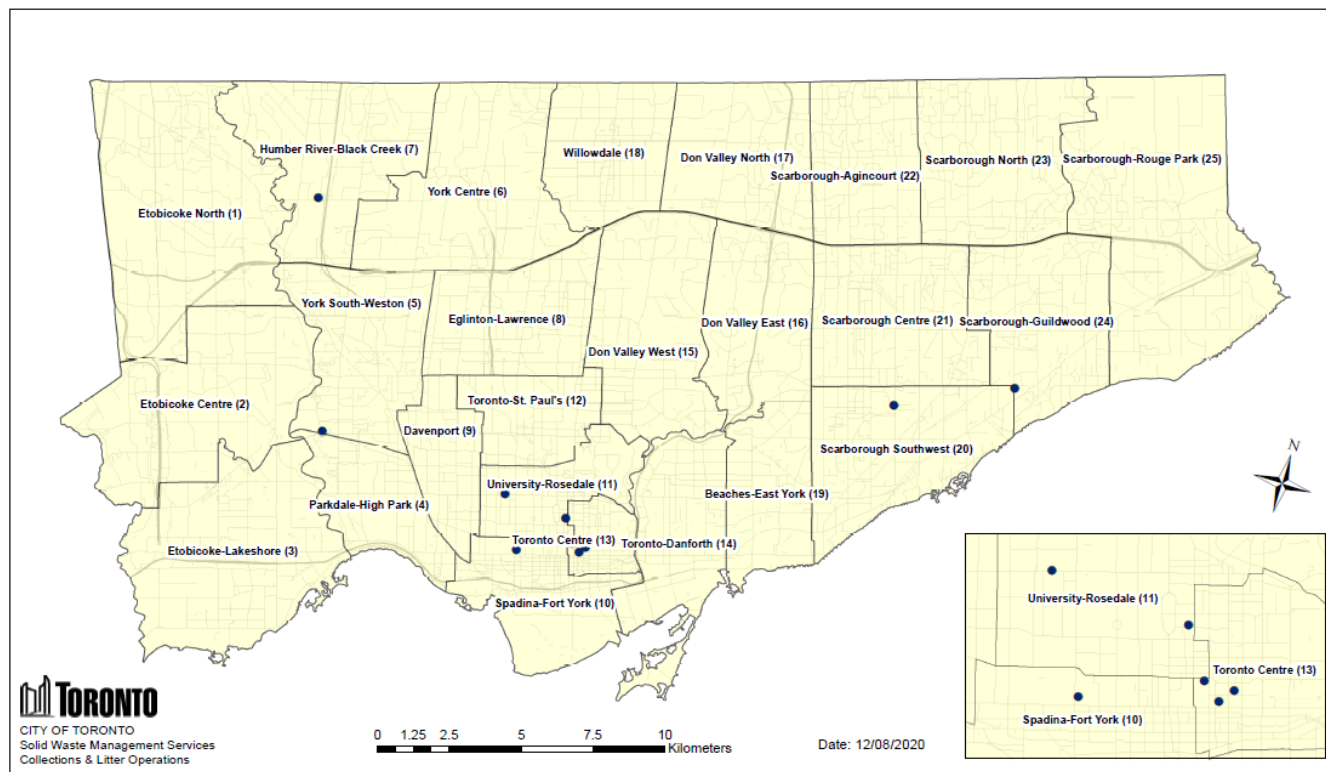


Figure 6.1 Map of Top 10 Littered Sites

7.0 LITTER ABATEMENT

The amount of large litter has decreased from an average of 13 items per site in 2016 to 10 items per site in 2020. In examining this amount of litter observed on city streets AET staff consulted with City Solid Waste Management Planning staff that provided the following information on City litter operations.

Although this study presents an overall reduction in large and small litter, these findings should be viewed with respect to the unique and uncharacteristic conditions created by the COVID-19 pandemic. As of 2018, the City of Toronto had a population of 2.95 million people. COVID-19 has temporarily shifted small segments of the population to lower cost municipalities due to the advent of remote working. With a COVID-19 vaccine on the horizon and distribution projected to be completed by the end of 2021, focus will resume to restart Toronto's local economy. When that occurs, the City will regain its position as the epicenter for tourism, culture, commerce, and entertainment bringing an influx of increased littering by a population of Toronto & GTA residents as well as tourists clamouring to enjoy the City's amenities. Furthermore, the Eglinton Crosstown LRT is planned for completion in 2021 and, as a result, will restore regular service, in addition to the strategic investments in transit infrastructure (by all three levels of government) e.g. Finch Avenue West LRT, Downtown Relief Line, Yonge Street Subway Extension, Eglinton Crosstown West extension (to Pearson International Airport) construction position, Toronto will see a steady increase in pedestrian population. The transit infrastructure intensification is giving way to more commercial and residential high-rise condominium construction and purpose built rental buildings to house this new wave of immigration and relocation to the second largest financial centre in North America and seventh largest globally for employment

Each day, the earliest litter collection assignments are mechanical street sweepers and sidewalk vacuum operations. Twenty-five routes are cleaned via mechanical litter collection and twenty-nine mechanical litter collection routes. Assigned routes in the downtown core include sidewalks, major and minor city streets, alleyways, and laneways. Within the past two years the use of mechanized sidewalk cleaning equipment has increased, and the technology of the equipment is improving.

There are 60 manual cleaning routes, 54 mechanical litter collection routes and three mechanical bike lane sweeping routes across the City. Litter Operations is comprised of four functions, manual litter collection, mechanical litter collection, mechanical bike lane and laneway sweeping, and fly squads. Manual litter collection is carried out by staff using a bag and broom. These staff members are assigned to routes that are high density, with lots of pedestrian foot traffic primarily in the downtown core. Mechanical litter collection is carried out via mechanical "litter vacuum" on city owned sidewalks and laneways in the downtown core and the outer areas. Mechanical bike lane and laneway sweeping is conducted via mechanical sweepers that utilize reinforced metal brushes to scrape debris from concrete and asphalt whilst using water to reduce dust and remove grime, and a vacuum head that collects litter. Fly squads are single operator or in some cases teams of two persons utilizing a specialized pick-up truck equipped with a hydraulic lift gate or dump box. Fly squads are dispatched to address litter, illegal dumping, real time service complaint resolution and laneway cleaning and maintenance. Daily operations prioritize the heaviest littered areas in the downtown core first to clean prior to the peak rush hour periods of 9:00 a.m. and between 12:00 p.m. and 2:00 p.m.

Prioritization of resources by using 311 Service Complaint data, in addition to regular operational audits of service frequency and scheduling, has assisted greatly in targeting areas requiring cleaning. With effective collection comes less littered streets – supporting positive behavior to litter less. People are less likely to litter when the streets are

clean. Another note for this audit is that the number and location of litter bins has increased on city streets. Since 2011, the number of litter bins has increased by 66.7%. In 2011 the City had 5,630 litter bins compared to the 10,175 in 2020. Litter bins have been placed strategically along city sidewalks and TTC stops. The “opportunity to dispose of trash properly” may be supporting a reduction of litter on the streets.

In addition to manual and mechanical litter collection along streetscapes and roadways, and the maintenance and collection of a network of public space litter and recycling bins, there are also annual City-wide inter-divisional and community clean-up events that occur every spring. To continue supporting litter reduction in the city, a Multi-Divisional Litter Working Group comprised of Solid Waste Management Services, Transportation Services, Municipal Licensing and Standards and Economic Development and Culture. The Group’s objective is to strengthen the City’s litter reduction strategies and identify new opportunities for joint initiatives, including a focus on cigarette butt litter. For example, Solid Waste Management Services worked with Toronto Public Health to include litter reduction messaging in smoking By-law signage. Solid Waste Management Services also worked with Transportation Services, which maintains public space waste bins, on a pilot project measuring the effectiveness of decals in highlighting cigarette butt receptacles on public space bins. In addition to all these initiatives, Solid Waste Management Services continues to raise public awareness about littering issues through its website, including tips, litter audit data, and ad campaigns.

8.0 CONCLUSION

AET Group Inc. conducted litter audits at 300 pre-selected locations within the public realm across the city. The audits were conducted from September 28th through October 16th, 2020 with the purpose of assessing the composition and amount of litter that was present on Toronto streets. The type of litter was classified into two sizes: large litter, which is equal or larger than four square inches, and small litter, which is smaller than four square inches.

8.1 Large Litter Conclusions

Over the three-week study period, 300 sites within the city were audited for large litter. The key findings include:

- The average amount of large litter has decreased from an average of 13 items per site in 2016 to 10 items per site in 2020. This could be due to increased cleaning frequency as a result of the pandemic;
- The average amount of large litter has decreased by 59.7% since the first audit in 2002 (an average of 25 large litter items per site in 2002 compared to 10 in 2020);
- The number of sites with no large litter recorded increased from 14 sites in 2016 to 28 sites in 2020; and,
- The most commonly found item in the large litter audit was non-branded towels/ napkins, representing 9.5% of all large items audited. Other common littered items include tobacco other (packs, matches, cellophane), at 4.5%, and cup lids and pieces, at 4.5%, respectively.

8.2 Branded Litter Conclusions

While completing the Large Litter audit, the brand name of items was recorded when visible. The key findings include:

- Tim Horton’s items were most common, representing 20.4% of all the branded litter that was recorded;
- Other common brands found include McDonald’s at 5.8%, Health Canada at 4.3%, Nestle at 3.1% and Coca Cola at 2.5%; and,
- 292 different brands of litter were observed.

8.3 Small Litter Conclusions

Over the two-week study period, 300 sites within the city were audited for small litter. The key findings include:

- The average amount of small litter has increased from an average of 12 items per site in 2016 to 13 items per site in 2020; and,
- The most commonly found small litter item was chewing gum, accounting for 22.5% of all small litter audited, followed by cigarette butts at 18.1%. These two items have been the top two small litter contributors in the 2020, 2016, 2014 and 2012 litter surveys.

8.4 Recyclable Litter Summary

All litter classified as recyclable within the City's recycling program was collected and audited upon the completion of the 300 litter audits. The key findings include:

- Corrugated cardboard was the largest material found, by weight, representing 43.5% of the total recyclable litter audited; and,
- PET Beverage Bottles (10.9%), Other Paper (9.2%), and Clear and Coloured Glass Other Beverage and Food bottles (9.2%) also made notable contributions to the types of litter.

9.0 RECOMMENDATIONS

9.1 Enhancing Current Litter Abatement Practices

- Litter abatement efforts should be focused on the areas with the greatest amount of large litter and combined litter (large and small litter). The 2020 litter audit results will identify areas of concern and will also provide an outlook on the current areas that the City cleanup crews service.
- Increase support for the current anti-cigarette butt and gum litter programs to reduce the amount of these litter items on Toronto streets.

9.2 Look into Current Waste Management Practices and Policy

- Similar to 2014 and 2016, it was observed by AET staff that there were several areas where residential carts were on the sidewalk for collection.
- Residential garbage or recycling carts could be a source of litter in residential areas; litter could be falling out of carts while being emptied during curbside collection or overflowing carts may allow litter to blow into the City streets.
- Overflowing street litter bins could be another source of litter in public spaces.
- Auditors noted several instances of broken street litter bins (broken or missing pedals). This could cause waste to be improperly disposed of, resulting in litter.
- Consider the addition of cigarette butt disposal bins fixated on poles in the downtown core that are closer to eye level for pedestrians. Other cities have utilized these types of bins that have been accompanied by signage and the fine for littering.

9.3 Education and Awareness Campaigns

- Campaigns on what goes into street litter bin receptacles, including cigarette butts, and notices on their location either online or where litter bins are nearby. The total amount of cigarette butts identified in the 2020 litter audit showed a decrease since 2016. This could be due to several factors, including: the City's

anti-littering campaign targeting cigarette butts, decrease in pedestrian traffic due to COVID-19 and enhanced cleaning measures, weather conditions, etc.

- Target Chewing Gum, Cigarette Butts, Napkins, Tobacco packs and their contents, Cup lids and straws, and Receipts.

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Disclaimer

AET Group Inc. makes no warranty and assumes no liability for the information contained in this report outlining the litter audit results. These results reflect measurements made over a onetime “snapshot” time period, meaning they only represent the conditions for the period of time in which they were collected. Seasonal variability, holidays and weather, among other factors, can affect the amount of litter within an area.

APPENDIX A

SITE LOCATION DETAILS



Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
1	1	1	8-Oct-20	11:34am	11:40am	B	Var	11	14	14	Markbrook Lane	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	10	Curb-Grass Line	1	N		Lane	N:43.758572 W:79.58778		Overall clean, no visible large litter pieces
2	2	1	8-Oct-20	11:57am	12:06pm	B	Var	16	17	17	Glenhollow Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	4	Curb-Grass Line	1	N		Ave	N:43.7305 W:79.60489		No evidence of visible large litter items
3	3	1	8-Oct-20	12:22pm	12:27pm	B	Var	16.5	16.5	17	Amoro Dr.	Minor	2	N	Res	3 to 6	N	N	N	N	N	N	y	3	0	Curb	2	N	set of garbage and recycling carts at school	Drive	N:43.723555 W:79.57717		Start at 22 going away from school
4	4	2	8-Oct-20	12:33pm	12:45pm	B	Fixed	18	18	18	Iron St.	Minor	4	N	Ind	<3	N	N	N	Y	N	N	N	17	6	Curb-Hole ditch by railway	2	N		Street	N: 43.70233 W:79.58192		Large litter items accumulated by hole ditch along railway
5	5	2	30-Sep-20	3:25pm	3:30pm	B	Var	2	2	2	Lockheed Blvd	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	2	Curb	1	N		Blvd	N:43.699138 W:79.529015		no sidewalk. no large litter items found on audit site point
6	6	2	30-Sep-20	3:12pm	3:22pm	B	Var	8.5	11.5	11.5	Westona St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	18	4	Fence(resident ial)-Curb	1	N		Street	N:43.696943 W:79.527758		Few visible large litter items
7	7	2	30-Sep-20	2:58pm	3:06pm	B	Var	7.5	9	9	Kingdom St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	3	8	Curb-	1	N		Street	N:43.695104 W:79.518302		no sidewalk . no visible large litter pieces
8	8	4	30-Sep-20	3:40pm	3:49pm	B	Var	10	17	18	Martin Grove Rd.	Major	4	N	Res	<3	N	N	N	N	Y	Y	N	8	16	Fence-Grass-Line	2	N		Road	N:43.687444 W:79.56979		No litter bin was seen in sight
9	11	4	30-Sep-20	10:35am	10:40am	B	Var	10	8.5	5.5	Aylesbury Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	1	Grass-Ditch/Front yards	1	N		Road	N:43.66632 W:79.53811		No visible litter
10	12	3	30-Sep-20	8:48am	9:00am	B	Fixed	10	10	10	Rathburn Rd.	Major	6	Y	Res-Com	<3	Y	Y	N	N	Y	Y	Y	15	17	Curb- mini plaza entrance	1	N	Grey Litter Bin - divided	Road	N: 43.65268 W:79.57359		
11	13	4	30-Sep-20	10:22am	10:27am	B	Var	9	6	7	Finchley Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	2	Curb	1	N		Road	N:43.65917 W: 79.52646		No visible large litter items
12	14	4	30-Sep-20	10:05am	10:15am	B	Var	4	4	2	Burnhamthorpe Pk Blvd	Minor	2	N	Res	<3	N	N	N	N	N	N	N	0	1	Curb- Grass Line-Ditch	1	N		Blvd	N: 43.65216 W:79.53876		no evidence of large litter
13	16	5	30-Sep-20	9:49am	9:57am	B	Fixed	18	18	18	Fieldway Rd.	Minor	2	N	Res--Ind	<3	N	N	N	N	N	N	N	7	2	Curb	1	Y		Road	N: 4364039 W: 79.52981		
14	17	5	1-Oct-20	10:23am	10:27am	B	Var	5	5	3	Elderidge Ave.	Minor	2	N	Res	<3	N	N	N	N	Y	Y	N	2	0	Grass Line	1	N	No visible large litter pieces	Ave	N: 43.63636 W:79.50249		First house along audit site undergoing renovations
15	18	5	1-Oct-20	9:44am	9:50am	B	Fixed	18	18	18	Rosewood Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	7	11	Fence(front yard house)-Curb	1	N		Ave	N: 43.62567 W: 79.50966		
16	20	6	1-Oct-20	3:30pm	3:40pm	B	Var	11.5	14	14	Valermo Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	4	5	Fence-Curb-Grass Line	2	N		Drive	N:43.606189 W:79.5455		
17	21	6	1-Oct-20	3:15pm	3:27pm	B	Fixed	18	18	18	Browns Line	Major	4	N	Com-Res-Ind	N/A	N	N	N	Y	Y	Y	Y	14	28	Curb-Grass Line	2	N	Grey Litter Bin (full to max); 1 set of garbage and recycling bins	Line	N:43.595244 W:79.542174		many cigarette butts and large litter found in front of house #148, #138 and #132 by the tree/grass patch.
18	23	5	1-Oct-20	9:07am	9:25am	B	Fixed	18	18	18	Canmotor Ave	Minor	2	N	Ind	<3	N	N	N	Y	N	Y	N	43	1	pothole in driveway in front of 21 Canmotor Ave	4	N		Ave	N:43.622274 W:79.510662		many large litter pieces found in the pothole and around (picture taken).
19	24	11	30-Sep-20	2:32pm	2:46pm	B	Var	17	17	18	Oak St.	Minor	2	N	Res	<3	N	N	N	N	Y	Y	Y	37	11	Curb	2	N	Grey (2-slot divider)	Street	N:43.70900 W:79.52770		open park space adjacent to site
20	25	13	30-Sep-20	10:58am	11:22am	B	Var	18	5	18	St. Clair Ave. W	Major	4	N	Com	<3	Y	Y	N	Y	N	Y	N	84	13	Curb--Stone wall	4	N		Ave	N:43.66623 W:79.49905		Litter pieces accumulated near stone wall; old cigarette butts
21	26	13	1-Oct-20	11:51am	12:00pm	B	Fixed	6	6	6	Maria St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	18	6	Curb	2	N		Street	N: 43.66628 W:79.47476		Most large litter found at end of side walk /near edges
22	27	13	1-Oct-20	10:53am	11:01am	B	Var	6.5	6.5	6.5	Methuen Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	5	0	Curb	1	N	No visible small litter pieces; few large litter pieces	Ave	N:43.655704 W:79.489239		Construction along sidewalk across street
23	28	13	1-Oct-20	11:34am	11:45am	B	Var	10.5	8	8	Runnymede Rd.	Major	2	N	Res-Com	3 to 6	Y	N	N	N	Y	Y	Y	11	8	Curb- edge of sidewalk (close to houses)	2	N	Grey 3-slot divider	Road	N: 43.66041 W:79.48014		Few large litter items found at edge of sidewalk/curbside
24	29	13	1-Oct-20	2:00pm	2:15pm	B	Fixed	18	18	18	Spring Rd.	Lane	2	N	Park	<3	N	N	N	Y	N	N	Y	0	3	Curb-Grass Line	1	N	4 sets of waste/recycling bins	Road	N:43.64356 W:79.45821		no evidence of large litter pieces
25	30	17	2-Oct-20	1:17pm	2:26pm	B	Var	6	6	7	Nairn Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	17	12	Curb	1	N		Ave	N:43.685551 W:79.452248		fairly clean
26	31	17	2-Oct-20	2:46pm	3:55pm	B	Var	18	18	7	Osler St.	Minor	4	Y	Com-Res	N/A	N	N	N	N	N	Y	N	5	8	Curb-edge of curb(cars parked)	1	N	Overall clean	Street	N:43.673245 W:79.461405		Large litter caught in clumps of weeds
27	32	17	2-Oct-20	2:30pm	2:39pm	B	Var	15	18	9	Caledonia Rd.	Major	4	N	Com-res	N/A	Y	N	N	Y	Y	Y	Y	2	14	Curb	1	N		Road	N:43.67876 W:79.454902		Cigarette butts stuck in pavement gaps; no visible large litter
28	33	17	2-Oct-20	3:00pm	3:13pm	B	Fixed	6	6	6	Uxbridge Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	39	20	Curb	3	N		Ave	N:43.669104 W:79.456949		Many large litter items close to outer edge curb
29	34	17	2-Oct-20	10:09am	10:18am	B	Fixed	6.5	6.5	6.5	Ashburnham Rd.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	14	7	Curb	2	N		Road	N:43.673132 W:79.443878		
30	35	17	2-Oct-20	9:57am	10:07am	B	Var	6	6	6	McFarland Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	18	12	Curb	2	N	House #43 under construction. Small litter(construction debris)	Ave	N:43.67371 W:79.442423		
31	36	14	2-Oct-20	9:30am	9:40am	B	Var	18	11	11	Dupont St.	Major	4	N	Res-Com	N/A	N	N	N	Y	Y	Y	Y	11	24	Curb- Edge of sidewalk	2	N		Street	N:43.666352 W:79.449495		Cigarette butts found all across pathway

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
32	37	14	2-Oct-20	9:18am	9:26am	B	Var	6	6	7	Campbell Ave.	Minor	2	N	Res	<3	N	N	N	Y	N	Y	Y	6	5	Curb	1	N		Ave	N:43.664234 W:79.449789		2 sets of waste/recycling carts; 1 garbage cart
33	38	14	1-Oct-20	12:36pm	12:45pm	B	Var	8.5	7.5	8.5	Indian Trail	Minor	2	N	Res	<3	N	N	N	N	N	N	Y	4	4	Curb	1	N		Trail	N:43.653918 W:79.45751		Litter bin located in front Indian Mound Traffic Island sign. 1 Garbage(black)bin, 1 Recycling (blue)bin, 1 Organic waste(green) bin
34	39	14	1-Oct-20	12:48pm	12:55pm	B	Fixed	7.5	7.5	7.5	Sunnyside Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	3	5	Curb-Grass Line	1	N		Ave	N:43.648194 W:79.452721		
35	40	14	1-Oct-20	1:05pm	1:15pm	B	Var	18	12.5	16	Queen St. W.	Major	4	N	Res-Com	N/A	Y	Y	N	Y	Y	Y	Y	6	35	Curb-Tree Line-Fence (parking lot fences)-Grass patches around trees	2	N	1 divided black city bin	Street	N:43.63945 W:79.443317		Cigarette butts found all throughout the site
36	41	18	2-Oct-20	8:54am	8:59am	B	Var	7	7.5	7.5	Whytock Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	Y	0	0	Curb	1	Y	2 sets of garbage and recycling carts at playground across. Litter/leaves cleanup by person across at the park/playground.	Ave	N:43.653728 W:79.442256		
37	42	18	2-Oct-20	8:28am	8:38am	B	Var	7	6	6	Muir Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	16	5	Curb	2	N		Ave	N:43.653795 W:79.434432		Shattered glass in front of house #11 and #3 by curb
38	43	18	2-Oct-20	8:18am	8:25am	B	Var	5	6	6	Macklem Ave.	Minor	1	N	Res	N/A	N	N	N	N	N	N	N	4	6	None	1	N		Ave	N:43.651596 W:79.431628		No visible large litter
39	44	19	2-Oct-20	11:36am	11:44am	B	Var	7.5	7.5	7	Pendrith St.	Minor	2	N	Res	N/A	N	N	N	N	N	N	N	4	5	Curb	1	N		Street	N:46.665974 W:79.425863		
40	45	19	6-Oct-20	1:34pm	1:43pm	B	Var	7	6.5	6.5	Crawford St.	Minor	2	N	Com-Res	N/A	N	N	N	Y	N	Y	N	1	4	Curb	1	N		Street	N:43.645341 W:79.415732		
41	46	19	6-Oct-20	1:23pm	1:31pm	B	Fixed	7	7	7	Stafford St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	8	5	Curb	1	N		Street	N: 4364375 W:79.41132		Overall clean
42	47	19	6-Oct-20	1:58pm	2:06pm	B	Var	9	7	7	Mansfield Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	4	5	Curb	1	N		Ave	N: 43.65339 W:79.41368		Overall clean, few visible large litter
43	48	19	29-Sep-20	10:42am	10:54am	A	Var	9	8	8	Euclid Av.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	6	13	Fence-Curb-Wood+back garden walls	1	N		Ave	N: 43.65735 W:79.41200		
44	49	19	29-Sep-20	11:10am	11:29am	A	Var	18	7	7	Palmerston Ave.	Minor	2	N	Res-Com	N/A	N	Y	N	N	Y	Y	Y	9	36	Fence-Curb	1	Y	swept by someone during count	Ave	N: 43.65584 W:7941010		Old style litter bin(foot pedal missing) garbage+recycling
45	50	17	2-Oct-20	10:53am	11:02am	B	Var	8	7	7	Benson Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	9	3	Curb	1	N		Ave	N:43.678212 W:79.432872		
46	51	17	2-Oct-20	11:05am	11:14am	B	Fixed	6	6	6	Alberta Ave.	Minor	2	N	Res	N/A	N	N	N	Y	N	Y	Y	6	0	Curb	1	Y		Ave	N:43.674865 W:79.431594		One set of garbage and recycling carts. Minor evidence of large litter items
47	52	20	6-Oct-20	11:50am	12:03pm	B	Var	18	17	17	Portland St.	Minor	2	N	Res	<3	N	N	N	Y	N	Y	Y	1	13	Curb	1	N	1 set of garbage and recycling carts across(at park)	Street	N:43.642606 W:79.399201		Park across street
48	53	20	28-Sep-20	2:12pm	2:26pm	A	Var	8	8	8	Wolseley St.	Minor	2	N	Res	<3	N	N	N	Y	N	Y	N	23	21	Fence-Curb-Hedge	3	N		Street	N:43.648212 W:79.40232		
49	54	20	28-Sep-20	2:36pm	2:52pm	A	Var	18	8	18	Dennison Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	19.5	39	Fence-Curb-Stairs(concrete)	3	N		Ave	N:43.648244 W:79.401169		
50	55	20	28-Sep-20	4:32pm	4:44pm	A	Var	7	6	6	Augusta Ave.	Minor	2	N	Res-Com	N/A	N	N	N	N	N	Y	N	28	26	Fence-Curb-Hedge-Grassline	3	Y		Ave	N: 43.64899 W:79.39992		
51	56	20	28-Sep-20	11:31am	11:52am	A	Var	13	18	18	Napanee Ct.	Lane	1	N	Res	N/A	N	N	N	Y	N	N	N	4	67	Curb- Walls-Street trees	1	N		Crescent	N:43.650732 W:79.399245		location is a laneway to housing co-op. Sidewalk of apartments, basketball courts near by
52	57	20	7-Oct-20	10:33am	10:42am	B	Var	18	17	18	Kensington Ave.	Lane	2	N	Res-Com	N/A	Y	N	N	Y	N	N	N	4	14	Curb-near electrical storage/Air conditioning (cluster of cigarettes)	1	N	Stores added outdoor patios along site point surveyed.	Ave	N: 43.65327 W:79.40027		
53	58	20	7-Oct-20	1:31pm	1:38pm	B	Var	7.5	6	6	Glasgow St.	Lane	1	N	Res	N/A	N	N	N	Y	N	Y	Y	8	6	Curb	1	N		Street	N: 43.65666 W:79.39832		Few small pieces of large litter. Cigarette butts mainly near inner edge of sidewalk. Across laneway from Glasgow St Parkette, There is a litter bin that is not labeled as a city litter bin. Residential Auto carts are out
54	59	20	7-Oct-20	10:08am	10:17am	B	Var	18	10	14	Elm St.	Minor	2	N	Com-Res	N/A	Y	N	N	Y	N	Y	N	3	11	Curb	1	N	Overall clean, no evidence visible large litter.	Ave	N: 43.65623 W:79.38979		
55	60	20	5-Oct-20	11:17am	11:28am	B	Fixed	10	10	10	Oxley St.	Minor	2	N	Com	N/A	N	N	N	N	N	Y	N	5	12	Curb	1	N		Street	N:43.646207 W:79.39473		Overall clean, few scattered large litter pieces
56	61	27	30-Sep-20	9:59am	10:12am	A	Var	10	18	18	Grenville St.	Minor	2	N	Com-Res	<3	N	Y	N	N	N	Y	N	10	17	Curb-Mulched garden	1	N		Street	N: 43.66172 W:79.38928		

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
57	62	20	6-Oct-20	1:33pm	1:44pm	B	Var	6.5	6.5	7	Old Park Rd.	Minor	2	Y	Res	<3	N	N	N	N	N	Y	Y	2	2	Curb	1	N	Grey 3-slot divider litter bin.	Road	N:43.702858 W:79.4732184		Coordinates edited to correct site point
58	63	20	14-Oct-20	3:43pm	3:53pm	A	Fixed	6	6	6	Vesta Dr.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	1	1	Curb	1	N		Drive	N:43.701059 W:79.421058		Overall clean, no visible large litter pieces. Audit Site point: Westside going south.
59	64	21	5-Oct-20	1:20pm	1:25pm	B	Fixed	2	2	2	Ava Rd.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	0	0	Curb	1	N		Road	N:43.697515 W:79.422191		No evidence of large litter items.
60	65	21	5-Oct-20	12:33pm	12:40pm	B	Var	9.5	9.5	10	Vesta Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	0	Curb	1	N		Drive	N:43.697692 W:79.419561		No evidence of large litter items.
61	66	21	5-Oct-20	12:07pm	12:18pm	B	Var	5.9	5.9	4.9	Bathurst St.	Major	4	N	Com-Res	3 to 6	Y	Y	N	N	Y	Y	N	2	10	Curb	1	N	Grey 3-slot divider litter bin.	Street	N:43.687363 W:79.420017		
62	67	7	8-Oct-20	10:46am	10:56am	B	Var	16	16	17	Windhill Cres.	Minor	2	N	Res	3 to 6	N	N	N	N	N	Y	N	6	6	Curb	2	N		Crescent	N:43.746121 W:79.546494		Few scattered large litter pieces
63	68	7	8-Oct-20	10:35am	10:40am	B	Fixed	2	2	2	Franson Cres.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	1	Curb	1	N		Crescent	N:43.740907 W:79.542726		
64	69	9	29-Sep-20	11:56am	12:08pm	B	Var	14.5	14.5	14.5	Wilson Ave.	Major	4	N	Res	<3	Y	Y	N	Y	Y	Y	Y	22	17	Curb- Big grass lawn in front of apartment complex	2	N	Grey one slot divider	Ave	N:43.723595 W:79.493111		adjacent to large apartment complex and across Wilson from School Yard
65	70	8	29-Sep-20	9:09am	9:22am	B	Fixed	18	18	18	Tuscan Gate	Minor	2	N	Com-Industrial	<3	N	N	N	N	Y	Y	Y	18	12	Curb	2	N	Grey (3-way) divider	Gate	N:43.754137 W:79.483471		Cigarette butts found in grass area
66	71	10	29-Sep-20	10:16am	10:22am	B	Fixed	2	2	2	Josephine Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	4	1	Curb-Grass Line	1	N		Road	N: 43.74353 W:79.44755		
67	72	10	29-Sep-20	9:45am	9:51am	B	Var	2	2	2	Heaton St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	1	Curb	1	N	Residential properties on each side of site point	Street	N:43.75766 W:79.440932		along side a congregation and has commercial complex to south west
68	73	23	8-Oct-20	12:55pm	1:12pm	A	Var	6	7.5	7.5	Newtonbrook Blvd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	41	13	Fence-Hedge	4	N		Blvd	N:43.483738 W:79.423247		Audit directions: southside going east. It's only one step above a laneway because it has road paint for the stop sign. Otherwise laneway.
69	74	23	8-Oct-20	3:38pm	3:50pm	A	Var	17	17	13	Churchill Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	12	6	Curb-Grass Line	2	N		Ave	N:43.770336 W:79.42859		Audit directions: north side going west. House being built(construction) - section 3
70	75	23	8-Oct-20	3:11pm	3:26pm	A	Fixed	9	9	9	Tamworth Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	12	8	Curb-Grass Line-Fence-Hedge	3	N		Road	N:43.772356 W:79.420428		Audit directions: east side, going north. House being built (construction) -section 1
71	76	23	8-Oct-20	2:57pm	3:10pm	A	Fixed	4	4	4	Tamworth Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	5	2	Curb-Grass Line	1	N		Road	N:43.768176 W:79.418767		Audit directions: west side , going north. House being built (construction) across from section 2
72	77	23	8-Oct-20	1:42pm	1:55pm	A	Fixed	18	18	18	Doris Ave.	Walkway	4	N	Res-Comm	<3	N	Y	N	Y	N	Y	Y	5	3	Fence-Grass Line	1	N		Ave	N:43.775581 W:79.412541		Not a road; its a pathway through a park; perpendicular to Doris Ave
73	78	23	8-Oct-20	11:44am	11:52am	A	Var	2	2	2	Byng Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	1	4	Curb-Grass Line-Stone &retaining walls, gardens around trees	1	N		Ave	N:43.779743 W:79.401193		Audit directions: north side going west
74	79	24	8-Oct-20	12:23pm	12:40pm	A	Var	9	9	9	Dumont St.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	27	16	Curb-Grass Line-Fence-Hedge	4	N		Street	N:43.794329 W:79.415154		Audit directions: east side, going north
75	80	24	8-Oct-20	12:03pm	12:15pm	A	Var	7	7	7	Michigan Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	10.5	0	Curb-Grass Line	2	N		Drive	N:43.799704 W:79.407282		Audit directions: west side, going south
76	81	24	8-Oct-20	11:26am	11:35am	A	Var	7	6	6	Wycliffe Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	4	5	Curb-Rock garden-Grass Line	1	N		Ave	N:43.775047 W:79.388901		Audit directions: south side, going east
77	82	33	8-Oct-20	11:01am	11:12am	A	Var	17.5	17	17.5	Cobblestone St.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	1	Curb-Grass Line	1	N		Street	N:43.786345 W:79.364541		Audit directions: northside, going west
78	83	33	8-Oct-20	10:25am	10:43am	A	Fixed	18	18	18	Leslie St.	Major	4	N	Res	<3	N	N	N	Y	Y	Y	Y	13.5	16	Curb-Grass Line-Street tree mounds	3	N	Old style litter bin (no foot pedals)	Street	N:43.781306 W:79.365762		Audit directions: east side, going north. Many items outside 18ft (on the fence line)
79	84	33	8-Oct-20	10:00am	10:11am	A	Var	17	17	16.5	George Henry Blvd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	4	7	Curb- Fence-Grass Line	1	N		Blvd	N:43.773289 W:79.348297		Start at 99, head towards Don Mills Rd. South side, going east.
80	85	34	8-Oct-20	8:03am	8:18am	A	Var	17.5	18	17.5	Roywood Dr.	Minor	2	N	Res	<3	N	N	N	N	Y	Y	N	13.5	15	Fence-Curb-Grass Line- Weeds that block/have taken over the curb	2	N		Drive	N:43.764512 W:79.323616		Audit directions: North side, going west.
81	86	34	8-Oct-20	8:40am	9:04am	A	Var	18	10.5	12	Don Mills Rd.	Major	6	Y	Res	<3	N	N	N	Y	Y	Y	Y	7	7	Curb-Grass Line	3	N	Old style litter bin(missing foot pedal)	Road	N: 43.76163 W:79.34708		Audit directions: east side, going north. Paid parking Duncan Mill Rd west of site.
82	87	34	8-Oct-20	9:28am	9:39am	A	Var	17	17	17	Aldenham Cres.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	3	1	Curb-Grass Line	1	N		Crescent	N: 43.75004 W:79.32938		Audit directions: south side, going east. *Garbage Day.
83	88	25	9-Oct-20	10:16am	10:23am	B	Var	3	3	3	Tottenham Rd.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	0	Curb	1	N		Road	N: 43.73092 W:79.35318		Only 2 visible pieces of large litter (napkins).

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
84	89	25	9-Oct-20	9:49am	9:56am	B	Var	17	17	17	Riderwood Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	1	1	Curb	1	N		Drive	N:43.75534 W:79.36512		No visible large litter items.
85	90	25	9-Oct-20	8:58am	9:03am	A	Var	16	16	16	Ealing Dr.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	0	0	Curb	1	N		Drive	N: 43.76104 W:79.36694		
86	91	25	9-Oct-20	9:15am	9:20am	A	Var	2	2	2	Wimpole Dr.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	0	1	Curb	1	N		Drive	N: 43.76035 W:79.38058		Study area on south side.
87	92	25	9-Oct-20	9:37am	9:46am	A	Fixed	18	18	18	York Mills Rd.	Major	4	N	Comm	<3	N	Y	N	N	N	Y	Y	0	9	Curb	1	N	1 set of garbage and recycling carts	Road	N: 43.74873 W:79.38266		
88	93	25	9-Oct-20	9:26am	9:34am	A	Var	17	16	17	Danville Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	0	Curb	1	N		Drive	N:43.7496 W:79.396405		Overall clean, only 2 visible large litter pieces.
89	94	25	9-Oct-20	10:37am	10:43am	B	Var	18	18	8	Bayview Ave	Major	4	N	Res	<3	N	N	N	Y	Y	Y	N	0	1	Curb	1	N		Ave	N:43.72791 W:79.383458		site is more on Lawrence, adjacent to intersection and school
90	95	25	13-Oct-20	10:37am	10:45am	A	Var	2	2	2	Stratford Cres.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	1	1	Curb	1	N		Cres	N:43.720241 W:79.385692		Audit directions: south going east.
91	96	25	13-Oct-20	11:28am	11:45am	A	Var	6	6.5	6	Bayview Ave.	Major	4	N	Res	<3	N	N	N	Y	Y	Y	Y	7	12	Curb	2	N	Grey litter bin (3-slot).	Ave	N:43.720016 W:79.378496		Cigarette butts accumulated near bus shelter. Site point: east side going south. large health centre north east of site, park and trail at south end of site. Near Blythwood and across street
92	97	25	5-Oct-20	3:00pm	3:10pm	B	Var	7	7	7	Deloraine Ave.	Minor	2	N	Res	<3	N	N	N	Y	Y	Y	Y	0	3	Curb	1	N	2 sets of garbage and recycling carts.	Ave	N:43.773397 W:79.40466		
93	98	16	5-Oct-20	1:19pm	1:27pm	A	Var	8	8	8	Henning Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	9	8	Curb-wood/concrete garden walls+stairs	2	N		Ave	N:43.70689 W:79.401692		Audit directions: east side, going south.
94	99	15	5-Oct-20	1:50pm	2:00pm	B	Var	14	14	15	Glenmount Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	2	4	Curb- Tree line	1	N	Overall clean.	Ave	N:43.713307 W:79.431306		
95	100	15	5-Oct-20	2:02pm	2:10pm	B	Var	2	2	2	Dalemount Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	3	1	Curb	1	N		Ave	N:43.71669 W:79.434589		
96	101	15	8-Oct-20	9:42am	9:51am	B	Var	6.5	6.5	7.5	Lanark Ave.	Minor	2	N	Res	N/A	N	Y	N	N	N	Y	N	8	6	Curb	1	N		Ave	N:43.696401 W:79.444255		school located across Gelnholme from site. Overall clean.
97	102	15	8-Oct-20	9:55am	10:02am	B	Var	6.5	7	6.5	Ronald Ave.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	2	8	Curb	1	N		Ave	N:43.697006 W:79.458551		
98	103	12	30-Sep-20	1:00pm	1:07pm	B	Var	7.5	7.5	7.5	Amesbury Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	1	0	Curb	1	N		Drive	N:43.700463 W:79.481185		
99	104	12	30-Sep-20	1:41pm	1:56pm	B	Fixed	18	18	18	Brookhaven Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	4	Fence-Curb	1	N	School fence alongside site point.	Drive	N:43.700807 W:79.495005		Audit site alongside fence of school playground.
100	105	12	30-Sep-20	2:06pm	2:16pm	B	Fixed	18	18	18	Thurodale Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	10	12	Fence-Curb	1	N	School fence alongside site point.	Ave	N:43.701581 W:79.500824		Audit site alongside fence of school playground
101	106	12	30-Sep-20	12:33pm	12:45pm	B	Var	7.5	7.5	7.5	Lampton Ave	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	36	0	Curb-Grass Line	2	N	Grass/soil patch in front of house #221	Ave	N:43.68112 W:79.49635		Litter found by small grass patch in front of house #221 and #223.
102	107	9	29-Sep-20	11:27am	11:35am	B	Var	2	2	2	Cornelius Pkwy.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	5	0	Curb	1	N	Grass lawn in front of houses.	Parkway	N:43.725439 W:79.476947		
103	108	9	29-Sep-20	11:02am	11:21am	B	Var	9	10	10	Murray Rd.	Minor	2	N	Res-Ind	<3	N	N	N	N	N	N	N	46.5	5	Fence-Curb	3	N	Fence directly facing industrial zone.	Road	N:43.73271 W:79.472594		across Plewes rd. from Toronto Transportation Services. Old plastic bottles accumulated by fence + construction material.
104	109	9	29-Sep-20	10:45am	10:55am	B	Fixed	18	18	18	Beffort Rd.	Major	2	N	Res-Ind	<3	N	N	N	N	Y	N	N	4	0	Curb	1	N	Weed coverage acting as a border area.	Road	N: 43.73549 W:79.46059		adjacent to large empty lot for industrial property. Residential area across from site point.
105	110	9	29-Sep-20	12:22pm	12:37pm	B	Fixed	18	18	18	Sheppard Ave. W	Major	4	N	Res	<3	N	N	N	N	N	Y	N	9	20	Curb-Fence	2	N	Residential complex adjacent to site point	Ave	N:43.742124 W:79.498615		Park at end of Clubhouse Court. Start at walkway. Most litter seen closer to the fence of residential complex entrance.
106	111	8	29-Sep-20	2:49pm	3:03pm	B	Fixed	18	18	18	Finch Ave. W	Major	4	N	Com-Res	<3	Y	Y	N	N	Y	Y	Y	37	22	Fence-Curb	3	N		Ave	N:43.757832 W:79:512107		adjacent to several apartment buildings. Construction on site but managed to complete site audit.
107	112	8	29-Sep-20	3:22pm	3:36pm	B	Fixed	18	18	18	Jane St.	Major	4	N	Com-Res	<3	N	N	N	Y	Y	Y	Y	32.5	24	Curb-Fence	1	N	Grey 2 slot litter bin	Street	N:43.771125 W:79.521855		Very old cigarette butts pieces.
108	113	8	29-Sep-20	8:23am	8:33am	B	Var	2	2	2	Magnetic Dr.	Minor	2	N	Res-Ind	<3	N	N	N	N	N	N	N	6.5	5	Curb-Grass Line	1	N	Industrial/Delivery services	Dr.	N:43.66427 W:79.44927		
109	114	8	29-Sep-20	8:43am	9:00am	B	Fixed	18	18	18	Chesswood Dr.	Major	2	N	Com-Ind	N/A	N	N	N	N	N	Y	N	17	33	Curb	3	N		Dr.	N:43.764824 W:79.477692		Cigarette butts accumulated-evidence of smoke breaks
110	115	16	5-Oct-20	2:33pm	2:45pm	B	Var	9.5	9.5	18	Lawrence Ave. W	Major	4	N	Res	3 to 6	N	N	N	Y	Y	Y	Y	35	12	Curb-Bus shelter- grass patches	4	N	Grey 3 slot litter bin	Ave	N:43.722873 W:79.414069		site across from secondary school lot and adjacent to shelter and medical clinic parking lot. Start at east end of clinic heading west. Cluster of large litter right by the bus shelter and inside; also right by the litter bin.

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
111	116	12	30-Sep-20	1:28pm	1:38pm	B	Fixed	18	18	18	Tretheway Dr	Major	6	N	Res	<3	N	N	N	N	Y	Y	Y	14	12	Curb	1	N	1 divided grey city bin	Drive	N:43.63697 W:79.43589		Few litter pieces found near litter bin.
112	117	16	5-Oct-20	2:15pm	2:25pm	B	Var	7.5	10.5	8.5	Avenue Rd.	Major	4	N	Com	<3	N	N	N	Y	Y	Y	Y	7	7	Curb	1	N	Grey 3 slot divider litter bin.	Road	N:43.719635 W:79.415407		across the street from a private school. Many cigarette butts stuck in pavement edges/holes + nearby bus stop. Scattered large litter pieces.
113	118	13	1-Oct-20	2:25pm	2:32pm	B	Var	9	3	3	Woodland Hts.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	0	0	Curb	1	N		Heights	N: 43.64022 W:79.46885		
114	119	6	1-Oct-20	8:47am	8:55am	B	Fixed	18	18	18	Butterick Rd.	Minor	2	N	Ind	<3	N	N	N	N	N	Y	N	10	6	Grass Line-Ditch	1	N		Road	N: 43.61330 W:79.53040		site across several commercial lots, many vehicles parked along site
115	120	32	9-Oct-20	12:30pm	12:39pm	A	Var	18	12	18	Queen St. East	Major	4	N	Res-Com	N/A	Y	Y	N	Y	Y	Y	Y	6	25	Curb-Building walls	2	N	Bin across street	Street	N: 43.67118 W:79.29537		Audit directions: north side, going east.
116	121	32	9-Oct-20	12:03pm	12:14pm	A	Var	6.5	7	8.5	Glen Stewart Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	0	4	Curb-Hedge-Grassline-wood/stone/concrete/back retaining walls	1	N		Ave	N: 43.67783 W:79.29945		Start at #44 heading west. Audit directions: north side, going west.
117	122	30	9-Oct-20	2:00pm	2:15pm	A	Var	7	6.5	7	Walpole Ave.	Minor	2	N	Com-Res	<3	N	N	N	N	N	Y	N	6.5	7	Curb-Fence-Grass line-Concrete gardens/retaining walls	2	N		Ave	N:43.674358 W:79.32857		Start at #48 moving west
118	123	32	14-Oct-20	1:43pm	1:54pm	A	Var	6.5	6.5	6.5	Barker Ave.	Minor	2	N	Res	<3	N	Y	N	N	Y	Y	N	12	5	Curb	1	N	Grey litter bin near bus shelter	Ave	N:43.694514 W:79.316257		Audit directions: North going east
119	124	31	13-Oct-20	2:21pm	2:39pm	A	Var	18	18	10.5	Halsey Ave.	Minor	2	N	Res-Com	<3	Y	Y	N	N	N	Y	N	31	10	Curb	3	N	Infront of plaza by the shrubs/ferns-accumulation of large litter items	Ave	N:43.699582 W:79.298125		Audit directions: Northside going west
120	125	32	9-Oct-20	8:02am	8:18am	A	Var	13.5	14	13.5	Aldridge Ave.	Minor	2	N	Res-Com	over 6	N	N	N	N	N	Y	N	14	7	Curb-Grass line-Brick retaining walls garden	3	N		Ave	N:43.684154 W:79.317425		Audit directions: East side, going south. Garbage day (hasn't been picked up yet)
121	126	32	9-Oct-20	1:13pm	1:24pm	A	Var	7	6	6	Ashdale Ave.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	7.5	2	Curb-Hedge-Grass Line-Concrete garden wall	2	N		Ave	N:43.667206 W:79.319603		Audit directions: east side, going south. site is a one way street , one lane for driving and one for parking. Start at #45 heading south.
122	127	32	9-Oct-20	12:57pm	1:05pm	A	Var	7	7	8.5	Orchard Park Blvd.	Minor	2	N	Res	<3	N	N	N	Y	N	Y	Y	2.5	0	Fence-Curb-Hedge- Grass line- rocks, stone retaining/garden wall, concrete stairs	1	N	Park recycling tote (no garbage one)	Blvd	N: 43.66793 W:79.31413		Audit directions: west side, going south. one way street. Start at #20 heading southwest
123	128	32	9-Oct-20	9:29pm	9:39pm	A	Var	6.6	6.5	6.5	Wayland Ave.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	4	6	Curb-Fence-Hedge-Concrete garden wall, Wooden garden wall	1	N		Ave	N:43.68302 W:79.29525		Audit directions: west side, going south. one way street
124	129	32	9-Oct-20	9:09am	9:19am	A	Var	8.5	7.5	8.5	Gerrard St. E	Major	4	N	Com-Res	<3	N	N	N	Y	Y	Y	Y	13	8	Fence-Curb-Hedge-Grass Line- Wooden garden walls	2	N	Old style litter bin (missing foot pedal)	Street	N: 43.68512 W:79.29453		Audit directions: south side, going east. corner (east) of Malvern & Gerrard to ensure 200ft length
125	131	44	2-Oct-20	8:24am	8:50am	A	Var	18	17	18	Ellesmere Rd.	Major	4	N	Com-Res	<3	N	N	N	Y	Y	Y	Y	10	42	Curb-Grass Line- Weeds around trees/hydro poles	2	N	Old style (foot pedal missing)	Road	N: 43.78751 W:79.18439		Audit directions: going westward, west of starting point. site begins in front of Hakim Optical and Sandy's Cuisine & Café. 3351 Ellesmere Rd
126	132	44	9-Oct-20	11:38am	11:50am	A	Var	11	11.5	10.5	Kingston Rd	Major	4	N	Com-Res	N/A	Y	Y	N	Y	Y	Y	Y	10	14	Curb- Building walls	1	N		Road	N: 43.680426 W:79.287991		Audit directions: south side, going east. site begins 50 ft from Silver Birch heading east
127	133	44	2-Oct-20	9:06am	9:22am	A	Var	17	17	17	Hedge End Rd.	Minor	2	N	Res	<3	N	N	N	Y	N	Y	Y	17	23	Curb-Hedge-Grass Line	3	N	Park garbage , recycling totes	Road	N:43.808348 W:79.173715		Audit directions: East of starting point. Infront of house #5
128	134	44	1-Oct-20	9:23am	9:41am	A	Var	17	17	17	Portsmouth Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	2	6	Curb-Grass Line	1	N		Drive	N: 43.77567 W:79.14249		Start @ house 51 before driveway
129	135	44	1-Oct-20	8:20am	8:32am	A	Var	2	2	2	Broadbridge Dr.	Minor	2	N	Res	<3	N	N	N	N	N	N	N	2	0	Curb-Grass Line	1	N		Drive	N:43.78803 W:79.13211		Start @ house 31
130	136	44	1-Oct-20	8:58am	9:17am	A	Var	17	17	17	Moorefield Dr.	Minor	2	N	Res	<3	N	N	N	N	N	Y	N	3	9	Curb-Grass Line-Street Trees	1	N		Drive	N:43.78117 W:79.13486		
131	137	44	01-Oct-20	9:55am	10:13am	A	Fixed	18	18	18	Manse Rd	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	Y	13	17	Curb-Grass Line	2	N	City Street Litter Bin: New style garbage, recycling, cigarettes	Road	N: 43.76609 W:79.17428		

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
132	138	43	01-Oct-20	11:15am	11:28am	A	Var	3	3	3	Galloway Rd.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	3	1	Curb-Grass Line	1	N		Road	N: 43.75393 W:79.19131		Only doing curb-telephone poles, sidewalk ends abruptly before site (curb-water keys/extrapolated sidewalk = 18ft)
133	139	43	01-Oct-20	11:49am	12:00pm	A	Fixed	18	18	18	Leverhume Cres.	Minor	2	N	Res	< 3"	N	N	N	N	N	N	N	9	3	Curb-Grass Line	2	N		Crescent	N: 43.75180 W:79.20234		
134	140	42	02-Oct-20	9:40am	9:57am	A	Var	5	5	5	Scarborough-Pickering Town line	Minor	2	N	N/A	over 6"	N	N	N	N	N	Y	N	20	9	Hedge-Grass Line	3	N		Town Line	N:43.85195 W:79.16869		Audit directions: west side going southwards
135	141	42	02-Oct-20	10:18am	10:53am	A	Var	17	17	18	Littles Rd.	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	43	18	Hedge-Curb-Grass Line	4	N		Road	N: 43.81741 W:79.20461		
136	142	31	13-Oct-20	1:53pm	2:06pm	A	Var	6.5	6.5	10	St Clair Ave. E	Major	3	N	Com-Res	N/A	Y	Y	N	N	Y	Y	N	23	18	Curb	3	N		Ave	N: 43.70797 W:79.30190		Scattered large litter items across site surveyed. Site point: Northside going west. Maintenance construction nearby
137	143	31	13-Oct-20	1:27pm	1:35pm	A	Var	10.5	10	10.5	Northdale Blvd.	Minor	2	Y	Res	< 3"	N	N	N	N	N	N	N	2	0	Curb	1	N		Blvd	N:43.70875 W:79.31678		No visible large litter pieces. Site point: southside going west
138	144	29	14-Oct-20	1:16pm	1:25pm	A	Var	7	7	7	Monarch Park Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	3.5	2	Curb	1	N		Ave	N:43.68537 W:79.328084		Overall clean, no visible large litter. Audit Site Point: East going North
139	145	29	14-Oct-20	2:29pm	2:36pm	A	Var	18	18	7	Plains Rd.	Minor	2	N	Res	< 3"	N	N	N	Y	N	Y	N	4	2	Curb	1	N		Road	N:43.695004 W:79.332344		Clean, no visible large litter items. Audit Site Point: South going West
140	146	30	14-Oct-20	9:42am	9:55am	A	Var	6.5	6.5	6.5	Caroline Ave.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	7	3	Curb	1	N	one way	Ave	N: 43.66066 W:79.33475		No visible large litter items. Site point: east side going south
141	147	30	14-Oct-20	12:19pm	12:30pm	A	Var	6.5	6.5	6.5	Frizzell Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	N	N	11	2	Curb	2	N	one way	Ave	N:43.674373 W:79.343994		Few scattered large litter pieces. Audit site point: northside going west
142	148	29	14-Oct-20	12:03pm	12:09pm	A	Var	6	6.5	18	Selkirk St.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	10	6	Curb	1	N	one way	Street	N:43.682139 W:79.345668		Overall clean, no visible large litter. Audit site point: southside going eastward
143	149	29	14-Oct-20	11:34am	11:44am	A	Var	7.5	9	9	Pape Ave	Major	4	N	Com	N/A	Y	N	N	Y	Y	Y	Y	5	5	Curb	1	N	City Street Litter Bin: Grey 3-slot divider	Ave	N:43.686056 W:79.347524		No visible large litter pieces. Audit site point: east side going north
144	150	30	14-Oct-20	9:04am	9:11am	A	Var	16	16.5	16.5	Booth Ave.	Minor	2	N	Com-Ind	< 3"	N	N	N	N	N	Y	N	17.5	5	Curb	2	N		Ave	N:43.655503 W:79.342198		Site point: westside northside
145	151	29	13-Oct-20	3:35pm	3:42pm	A	Var	6	6	6	Fernwood Gardens	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	6	6	Curb	2	N		Gardens	N:43.691614 W:79.356662	N: 43.691667 W: 79.356370	Few visible large litter items, various cigarette butts. Site point: southside going west
146	152	35	07-Oct-20	2:02pm	2:17pm	A	Fixed	18	18	18	Zenith Dr.	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	21	12	Fence-Curb-Grass Line-Street Trees	3	N		Drive	N:43.7121 W:79.26971		Audit directions: north side, going east
147	153	35	07-Oct-20	12:03pm	12:30pm	A	Fixed	18	18	18	Kennedy Rd.	Major	4	N	Com-Res	< 3"	Y	Y	N	Y	Y	Y	Y	85	139	Hedge-Curb-Grass Line	4	N	City Street Litter Bin: old style (missing foot pedal)	Road	N: 43.72653 W:79.26570		Audit directions: west side, going south
148	154	35	02-Oct-20	3:07pm	3:27pm	A	Var	10	7.5	10.5	Verdun Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	22.5	18	Fence-Hedge-Curb-Grass Line	4	N		Ave	N: 43.72926 W:79.25420		Audit directions: north side, going westwards
149	155	35	02-Oct-20	4:15pm	4:30pm	A	Var	13.5	12	12	Eglinton Ave. E	Minor	2	N	Com-Res	N/A	N	Y	N	Y	Y	N	N	7	34	Curb-Building Walls-Columns	1	N		Ave	N: 43.73277 W:79.26445		Issues: Construction severely limits access to site
150	156	37	07-Oct-20	11:06am	11:21am	A	Var	11	9.5	10.5	Sherwood Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	1	8	Curb-Grass Line	1	N		Ave	N: 43.74061 W:79.30096		Audit directions: south side, going west
151	157	37	07-Oct-20	10:44am	10:58am	A	Fixed	18	18	18	Laxford Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	N	N	7	4	Hedge-Curb-Grass Line	1	N		Ave	N: 43.74242 W:79.29944		Audit directions: east side, going south
152	158	37	07-Oct-20	9:36am	9:50am	A	Var	12	12	12	Warden Ave.	Major	5	N	Com-Res	< 3"	Y	N	N	Y	Y	Y	Y	11	22	Fence-Hedge-Curb-Grass Line	3	N	5 lanes, center turn lane. City Street Litter Bin: old style (missing foot pedals)	Ave	N: 43.74329 W:79.29383		Audit directions: west side, going south
153	159	37	07-Oct-20	8:40am	8:55am	A	Var	10	10.5	10	Princemere Cr	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	7	62	Fence-Curb-Grass Line	3	N		Crescent	N: 43.75507 W:79.30285		Construction @ section #1 (see pic). Audit directions: west side, going south
154	160	37	07-Oct-20	9:08am	9:21am	A	Var	14	14	12	Flora Dr.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	5	7	Curb-Grass Line	2	N		Drive	N: 43.74769 W:79.27628		Audit directions: west side, going south
155	161	40	07-Oct-20	7:58am	8:21am	A	Fixed	18	18	18	Ellesmere Rd.	Major	6	Y	Com-Res	< 3"	Y	N	N	Y	Y	Y	Y	9	25	Curb-Grass Line	1	N	City Street Litter Bin: old style	Road	N: 43.767869 W:79.27332		Audit directions: north side, going east
156	162	40	06-Oct-20	8:15am	8:30am	A	Var	18	18	9	Crocus Dr.	Minor	2	N	Res-Park	< 3"	N	N	N	Y	N	N	Y	19	8	Fence-Curb-Grass Line	2	N	City Street Litter Bin: old style (with foot pedal!), park recycling tote, park garbage tote	Drive	N 43.76871 W:79.30757		Audit directions: south side, going east
157	163	40	06-Oct-20	8:45am	9:02am	A	Fixed	18	18	18	Murmouth Rd.	Minor	2	Y	Res	< 3"	N	N	N	N	N	N	N	2	29	Hedge-Curb-Grass Line-Brick/Concrete retaining/garden walls	1	N		Road	N: 43.77826 W:79.29488		Audit direction: west side, going north

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
158	164	40	06-Oct-20	2:36pm	2:53pm	A	Fixed	18	18	18	Kellen St.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	7	9	Curb-Grass Line	1	N		Street	N: 43.78231 W:79.30687		Audit directions: south side, going west
159	165	40	06-Oct-20	2:15pm	2:27pm	A	Fixed	18	18	18	Huntingwood Dr.	Minor	4	N	Com-Res	< 3"	N	N	N	N	Y	Y	N	4	7	Curb-Grass Line-Wood + Stone garden walls	1	N	2 car lanes, 2 bike lanes	Drive	N: 43.78631 W:79.30830		Audit directions: south side, going east
160	166	39	06-Oct-20	1:42pm	1:57pm	A	Var	15	17.5	17.5	Kilchurn Castle Dr.	Minor	2	N	Res	< 3"	N	N	N	Y	Y	Y	Y	2	21	Fence-Curb-Grass Line-Rock Garden Walls	1	N	City Street Litter Bin: new style	Drive	N: 43.79472 W:79.29494		Audit directions: west side, going south
161	167	39	06-Oct-20	12:48pm	12:58pm	A	Var	17	17	17	Sanwood Blvd	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	1	5	Curb-Grass Line	1	N		Blvd	N: 43.81645 W:79.31322		Audit directions: north side, going west
162	168	39	06-Oct-20	12:27pm	12:43pm	A	Var	17	17	17	Chapel Park Sq	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	1	14	Curb-Grass Line	1	N		Square	N:43.81988 W:79.31416		Audit directions: east side, going north
163	169	41	06-Oct-20	10:20am	10:38am	A	Fixed	18	18	18	Midland Ave	Major	4	N	Res	< 3"	N	N	N	N	Y	Y	Y	5	19	Curb-Grass Line	1	N	City Street Litter Bin: old style (missing foot pedal)	Ave	N: 43.79361 W:79.28186		Audit directions: north side, going west
164	170	41	06-Oct-20	10:46am	11:00am	A	Fixed	18	18	18	Crockamhill Dr.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	7	24	Curb-Grass Line	1	N		Drive	N: 43.79812 W:79.28194		Audit directions: east side, going north
165	171	40	06-Oct-20	12:02pm	12:14pm	A	Var	7	3	3	Scoville Sq.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	13	11	Curb-Grass Line	2	N		Square	N: 43.82558 W:79.28783		Audit directions: east side, going north
166	172	41	06-Oct-20	11:18am	11:40am	A	Fixed	18	18	18	Maybrook Dr.	Minor	2	N	Com-Ind	< 3"	N	N	N	Y	Y	N	Y	16.5	22	Fence-Curb-Grass Line	2	N	City Street Litter Bin: old style (missing foot pedal)	Drive	N:43. 82394 W:79.26061		First photo of site # is incorrect (reads 160, 166). Audit directions: east side, going north
167	173	32	09-Oct-20	10:32am	10:52am	A	Var	16.5	7.5	7.5	Victoria Park Ave.	Minor	2	N	Com-Res	< 3"	Y	N	N	Y	Y	Y	Y	13	21	Fence-Curb-Building Walls-Artificial Turf	4	N	City Street Litter Bin: old style (missing foot pedal)	Ave	N:43.68077 W:79.28403		Audit directions: west side, going south
168	174	36	07-Oct-20	2:55pm	3:08pm	A	Var	4.5	4.5	4.5	Wynnview Crt.	Lane	1	N	Res	< 3"	N	N	N	N	N	Y	N	0	0	Hedge-Grass Line-Rock Gardens	1	N	One lane but not a one way	Court	N: 43.69851 W:7925414		Audit directions: west side, going south
169	175	36	01-Oct-20	3:46pm	4:00pm	A	Var	17	17	17	Sloley Rd.	Minor	2	N	Res	< 3"	N	N	N	Y	N	N	N	4	5	Curb-Grass Line-Weeds around anchors-Street Trees	1	N		Road	N: 43.72042 W:79.23039		
170	176	36	01-Oct-20	1:57pm	2:17pm	A	Fixed	18	18	18	Randall Cres.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	5	2	Curb-Grass Line	1	N		Crescent	N:43.72835 W:79.23933		
171	177	36	01-Oct-20	2:30pm	2:38pm	A	Var	3	3	3	Randall Cres.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	0	Hedge-Curb	1	N		Crescent	N: 4372633 W:79.23846		Light/telephone poles 8ft from curb, unbroken terrain to houses
172	178	36	01-Oct-20	3:02pm	3:25pm	A	Var	7	7	7	Kingston Rd	Major	6	Y	Com	< 3"	N	N	N	N	N	Y	N	42	19	Hedge-Curb-Grass Line	4	N		Road	N:43.72412 W:79.23384		
173	179	36	01-Oct-20	12:24pm	12:52pm	A	Fixed	18	18	18	Eglinton Ave. E	Major	6	N	Com-Res	< 3"	Y	Y	N	Y	Y	Y	Y	28	64	Hedge-Curb-Grass Line	4	N	City Street Litter Bin: old style (foot pedal missing)	Ave	N: 43.74324 W:79.21822		
174	180	38	02-Oct-20	2:38pm	2:52pm	A	Var	17.5	17.5	16	Suraty Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	1	Hedge-Curb-Grass Line	1	N		Ave	N: 43.76101 W:79.24915		Audit directions: north side, going west
175	181	38	02-Oct-20	1:46pm	1:59pm	A	Var	17	17	16.5	Lynnbrook Dr.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	7.5	4	Fence-Hedge-Curb-Grass Line	1	N		Drive	N: 43.77222 W:79.24480		Audit direction: south side, going east
176	182	38	02-Oct-20	1:16pm	1:40pm	A	Fixed	18	18	18	Progress Ave.	Minor	4	N	Com-Res	< 3"	N	N	N	Y	Y	Y	Y	3	17	Curb-Grass	1	N	City Street Litter Bin: old style (foot pedal missing)	Ave	N: 43.77703 W:79.24947		No legal parking anywhere close. Audit directions: south side going east.
177	183	42	02-Oct-20	12:36pm	12:55pm	A	Fixed	18	18	18	Sheppard Ave. E	Major	4	N	Com-Res	< 3"	N	N	N	Y	Y	Y	Y	5	47	Curb-Grass Line	2	N	City Street Litter Bin: old style (missing foot pedal)	Ave	N: 43.79432 W:79.23630		Audit direction: south side, going east
178	184	42	02-Oct-20	11:05am	11:29am	A	Var	12	12	2	Unita Gr. (Grove)	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	32	17	Fence-Curb-Grass Line	4	N		Grove	N: 43.80146 W:79.22691		
179	201	30	05-Oct-20	9:23am	9:41am	A	Var	9.5	8	9.5	Broadview Ave.	Major	4	N	Com-Res-Park	< 3"	N	Y	N	Y	Y	Y	Y	12	7	Hedge-Curb-Concrete stairs Rock/wood walls	2	N	City Street Litter Bin: old style (foot pedal missing), new style (garbage, recycling, cigarettes), park recycling totes	Ave	N:436733 W:79.3561		Audit directions: east side, going south
180	202	26	13-Oct-20	5:04pm	5:19pm	A	Var	6	6	6	Esandar St.	Minor	2	N	Com-Ind	< 3"	N	N	N	N	N	N	N	16.5	8	Curb	3	N		Street	N:43.70778 W:79.35693	N: 43.707568 W: 79.356924	Scattered pieces of large litter. Site point Southside going west
181	203	22	05-Oct-20	1:59pm	2:10pm	A	Var	7	7	7	Cleveland St.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	21	2	Fence-Hedge-Curb-Grass Line	4	N		Street	N:43.704157 W:79.378688		Audit directions: west side, going south
182	204	22	05-Oct-20	12:55pm	1:04pm	A	Var	6.5	8	8	Berwick Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	14	7	Hedge-Curb-Grass Line	2	N		Ave	N:43.704017 W:79.399475	N: 43.7038535 W: 79.3994396	Adjusted start point due to construction + road vehicles (construction/utility). Audit directions: north side, going west
183	205	22	05-Oct-20	12:26pm	12:38pm	A	Var	7.5	18	18	Chaplin Cres	Minor	2	N	Com-Res	< 3"	N	Y	N	N	Y	Y	Y	4	6	Curb-Grass Line	1	N	City Street Litter Bin: old style (missing foot pedal)	Crescent	N:43.698121 W:79.398555		Audit direction: north side, going west

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
184	206	22	05-Oct-20	11:27am	11:37am	B	Var	9	8	8	Avenue Rd.	Minor	2	N	Res	< 3"	N	N	N	Y	Y	Y	Y	1	3	Curb	1	N	City Street Litter Bin: grey 2 slot divider	Road	N:43.683928 W:79.400897		end of pedestrian sidewalk closed - only went to middle section
185	207	27	05-Oct-20	10:30am	10:45am	A	Var	7.5	8	8	Roxborough St. W	Minor	2	N	Com-Res	< 3"	Y	N	N	N	N	Y	N	10.5	4	Fence-Curb-Grass Line	2	N		Street	N:43.678265 W:79.390939		Audit directions: north side, going west
186	208	27	05-Oct-20	10:06am	10:15am	A	Var	11	18	9.5	Mt. Pleasant Rd.	Major	4	N	Res	< 3"	N	N	N	N	Y	Y	N	1	4	Fence-Curb-Stone/concrete Walls	1	N		Road	N:43.674473 W:79.380628		Audit directions: west side, going north
187	209	28	05-Oct-20	8:24am	8:45am	A	Var	7.5	7.5	7	Prospect St.	Minor	2	N	Com-Res	< 3"	N	Y	N	Y	N	Y	N	26	19	Fence-Hedge-Curb-Grass Line-Wooden/brick /cinder block garden walls	4	N		Street	N:43.666804 W:79.371309		Audit directions: north side, going west
188	210	27	30-Sep-20	1:44pm	2:11pm	A	Var	18	14	7	Mutual St.	Minor	2	N	Res-Com-Park	< 3"	Y	N	N	Y	N	Y	Y	24	55	Fence-Curb-Street Trees-Mulched garden	3	N	City Street Litter Bin: old style (foot pedal missing) garbage + recycling, park garbage tote, recycling tote	Street	N:43.65601 W:79.37529		Construction blocking other side of the street
189	211	20	06-Oct-20	10:55am	11:15pm	B	Var	13.5	13	12	John St.	Major	2	N	Com	N/A	Y	N	N	N	N	Y	Y	0	11	Fence-Curb	1	N	City Street Litter Bin: Black 3 slot divider bin	Street	N:43.64649 W:79.38526		Tobacco butts found mostly in tree bed, No evidence of large litter
190	212	28	28-Sep-20	10:52	11:07	C	Var	8	12	12	Colbourne St.	Major	2	N	Com-Res	N/A	N	N	N	Y	N	Y	N	4	16	Curb	1	N		Street	N:43.648736 W:79.377173	N: 43.648736 W: 79.369819	Construction site on street
191	213	28	28-Sep-20	11:19am	11:31am	C	Var	12	18	18	George St.	Minor	2	N	Res	N/A	N	N	N	Y	N	Y	N	2.5	20	Curb	1	N		Street	N:43.647814 W:79.369819		
192	214	28	28-Sep-20	2:34pm	2:47pm	C	Fixed	18	18	18	Richmond St. E.	Major	4	N	Com-Res	N/A	Y	N	N	N	N	Y	N	13	19	Curb	1	N		Street	N:43.654791 W:79.364009		construction of condo on other side of street
193	215	28	28-Sep-20	3:40pm	3:51pm	C	Var	10	6	13	Pashler Ave.	Lane	Other	N	Res	N/A	N	N	N	N	N	Y	N	16	15	Fence-Curb	2	N	one way (local traffic only), basketball court fence	Ave	N:43.659365 W:79.363975	N: 43.659365 W: 79.359056	
194	216	28	28-Sep-20	12:36pm	12:48pm	C	Var	5	5	5.5	Bright St.	Lane	1	N	Res	N/A	N	N	N	N	N	Y	N	8	0	Curb	1	N	one driving lane	Street	N:43.655997 W:79.359537		
195	217	28	28-Sep-20	3:20pm	3:35pm	C	Var	6	6	6	Dundas St. E	Major	2	N	Com-Res	N/A	Y	N	N	N	Y	Y	Y	12	8	Curb	1	N	City Street Litter Bin: Grey - across street	Street	N:43.660802 W:79.359056		Condo construction adjacent to site point
196	218	30	14-Oct-20	10:48am	11:05am	A	Var	18	7.5	8.5	Carroll St.	Minor	1	N	Res	N/A	N	N	N	Y	N	N	Y	21.5	0	Curb	3	N	one-way street/dead end, coffee shop adjacent, Park Litter Bins: garbage and recycling carts located at the park nearby	Street	N:43.659377 W:79.353158		Most large litter pieces found at end point (in front of café), Audit site point: West side going south
197	219	30	14-Oct-20	10:20	10:35	A	Var	6.5	8	8.5	Kintyre Ave.	Minor	2	N	Res	< 3"	N	N	N	Y	N	Y	Y	0	1	Fence-Hedge-Curb	1	N	One-way, City Street Litter Bin: two bin new style	Ave	N:43.660121 W:79.351637	N: 43.660348 W:79.350978	Audit site point: south side, going west
198	220	28	01-Oct-20	1:57 PM	2:12 PM	C	Var	18	18	18	Lake Shore Ave.	Major	1	N	Park	3"-6"	N	N	N	N	N	N	Y	0	3	Grass Line	1	N	1 garbage bin and 1 recycling bin near site	Ave	N:43.61341 W:79.38316		
199	221	32	09-Oct-20	8:39am	8:52am	A	Var	7.5	9	7.5	Cedarvale Ave.	Minor	2	N	Com-Res	over 6"	N	N	N	N	N	Y	N	1	5	Fence-Hedge-Curb	1	Y	Cleanup: Streets look oddly clean, puddles look "swept" into the middle of the road, grate dirt looks brushed (see photo)	Ave	N:43.687115 W:79.311354		Audit directions: east side, going south, recycling + organics day, West side of street had lots of litter (approx. 50 large pieces of litter)
200	222	26	13-Oct-20	12:46pm	1:00pm	A	Fixed	18	18	18	Don Mills Rd.	Major	6	N	Com-Res	< 3"	N	N	N	N	Y	Y	Y	11	8	Curb	1	N		Road	N: 43.71761 W:79.33791		Overall clean, few visible large litter items. Site point: westside, south
201	223	26	13-Oct-20	4:40pm	4:51pm	A	Fixed	18	18	18	Millwood Rd	Major	4	N	Ind	N/A	N	N	N	N	N	Y	N	29	10	Curb	3	N		Road	N: 43.70166 W:79.35196		Site point Westside going southbound
202	224	26	13-Oct-20	3:55pm	4:20pm	A	Var	7	18	18	Overlea Blvd.	Major	4	Y	Res	< 3"	Y	Y	N	Y	Y	Y	Y	32	18	Curb	4	N	City Street Litter Bin: Grey (3-slot) divider	Blvd	N:43.703885 W:79.350232		Site point: South going east
203	250	19	06-Oct-20	12:28pm	12:38pm	B	Fixed	18	18	18	Stafford St.	Minor	2	N	Res	< 3"	N	Y	N	N	N	Y	Y	0	1	Curb	1	N	One way street, City Street Litter Bin: Grey (2 divider) litter bin	Street	N:43.64196 W:79.41069		No evidence of large litter pieces
204	251	20	30-Sep-20	10:50am	11:07am	A	Fixed	18	18	18	University Ave	Major	6	Y	Com-Res	< 3"	N	N	N	Y	N	Y	Y	5	19	Curb-Concrete garden/tree things	1	N	City Street Litter Bin: old style (foot pedal missing)	Ave	N: 43.65351 W:79.38787		
205	252	28	01-Oct-20	2:25 PM	2:37 PM	C	Fixed	18	18	18	Avenue (of the Island)	Lane	1	N	Park	< 3"	Y	N	Y	Y	N	N	Y	1	9	Grass Line	1	N	Garbage & recycling carts in area. Pizza pizza close by.	Ave	N:43.62126 W:79.376807		park trail in front of fountain heading west
206	254	19	29-Sep-20	1:44pm	2:10pm	A	Var	9	7	8	Clinton St.	Minor	2	N	Come-Res	3"-6"	N	N	N	N	N	Y	N	36	18	Fence-Hedge-Curb-Concrete + Stone + Wood garden walls	4	N		Street	N: 43.66333 W:79.41704		
207	256	28	30-Sep-20	11:28am	11:41am	A	Fixed	18	18	18	King St. W.	Major	4	N	Com	N/A	N	N	N	N	Y	Y	Y	6.5	12	Curb-Building walls	1	N		Street	N: 43.64782 W:79.38412		

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments	
208	257	28	05-Oct-20	9:00am	9:11am	A	Var	5	5	5	Parkview Ave.	Minor	2	N	Res	< 3"	N	N	N	N	N	N	N	N	2	0	Curb-Grass Line- Rock/wood garden walls	1	N		Ave	N:43.670043 W:79.364289		Audit directions: west side, going southbound
209	258	28	28-Sep-20	12:57pm	1:10pm	C	Var	7	8	6	Sackville St.	Major	2	N	Res	3"-6"	N	N	N	Y	Y	Y	N	N	24	12	Curb	2	N		Street	N:43.65501 W:79.361196		Beside elementary school
210	259	27	30-Sep-20	2:29pm	2:53pm	A	Fixed	18	18	18	Dundas St. W.	Major	4	N	Corn-Res	N/A	Y	N	Y	Y	Y	Y	Y	Y	8	150	Curb	1	N	City Street Litter Bin: Net style garbage, recycling, cigarette	Street	N: 43.65627 W:79.38117		
211	260	20	07-Oct-20	10:20am	10:30am	B	Fixed	18	18	18	Spadina Ave.	Major	3	Y	Com	N/A	N	Y	N	N	Y	Y	Y	Y	3	64	Curb	1	N	3 lanes, City Street Litter Bin: Grey 2 slot divider	Ave	N: 43.65315 W:79.39798		Cigarette butts accumulated in front of #319 store front + around tree trunk
212	261	20	07-Oct-20	11:35am	11:53am	B	Fixed	18	18	18	Augusta Ave.	Minor	2	N	Com	N/A	Y	N	N	Y	N	N	Y	36	19	Curb- Accessibility ramp	4	N	One way, City Street Litter Bin: 3 sets of black 2 slot divider city litter bins, Under accessibility ramp - cluster of large litter (see photo)	Ave	N:43.65591 W:79.40253		Cluster of large litter items underneath the ramp. Cluster of tobacco butts beside litter bin.	
213	270	28	01-Oct-20	3:04 PM	3:11 PM	C	Var	18	11.5	12	Lake Shore Ave.	Boardwalk	1	N	Park	N/A	N	N	N	Y	N	N	N	1	2	Grass Line	1	N		Ave	N:43.62270 W:79.36176		wooden boardwalk	
214	271	36	07-Oct-20	2:45pm	2:55pm	A	Var	7	9	9	Wynnview Crt.	Lane	1	N	Res	< 3"	N	N	N	N	N	Y	N	2	17	Fence-Tree Line-Rock Garden	1	N	One lane but not a one way	Court	N:43.69780 W:79.25379	N: 43.697763 W: 79.253727	Audit directions: east side, going north, starting @ end of street	
215	300	19	29-Sep-20	2:55pm	3:20pm	A	Var	18	15	14	Bloor St. W	Major	4	N	Corn-Res	N/A	Y	N	N	Y	Y	Y	Y	23	79	Curb-Concrete Gardens- Building Walls	3	N	City Street Litter Bin: old style (foot pedals missing)	Street	N:43.66438 W:79.41489			
216	301	20	29-Sep-20	3:38pm	3:57pm	A	Var	18	14.5	18	Bloor St. W.	Major	4	N	Com-Res	3"-6"	Y	N	N	Y	N	Y	Y	13.5	35	Curb-Building Walls-Street Trees	2	N	City Street Litter Bin: New bins (Litter, recycling x2, cigarette)	Street	N:43.66551 W:79.40916			
217	302	20	29-Sep-20	8:40am	9:06am	A	Var	18	6.5	18	Sussex Ave.	Minor	2	N	Com-Res	< 3"	N	N	N	N	N	Y	N	1	15	Fence-Hedge-Curb-Grass Line	1	N		Ave	N:43.66481 W:79.40177			
218	303	20	29-Sep-20	9:18am	9:30am	A	Var	12.5	6.5	8	Borden St.	Minor	2	N	Com-Res	< 3"	N	N	N	N	N	Y	N	7	9	Hedge-Curb-Grass Line	2	N		Street	N: 43.66146 W:79.40698			
219	304	20	29-Sep-20	5:51pm	6:20pm	A	Var	6	8	18	Lippincott St.	Major	2	N	Com-Res-Park	< 3"	Y	N	N	Y	Y	Y	Y	21.5	48	Fence-Hedge-Curb-Grass Line	3	N	City Street Litter Bin: Divided city bin	Street	N:43.76957 W:79.28236			
220	305	20	07-Oct-20	1:14pm	1:24pm	B	Var	18	18	16	Spadina Ave.	Major	6	Y	Com	N/A	Y	Y	N	N	Y	Y	Y	3	22	Curb	1	N	City Street Litter Bin: Grey 2-slot divider	Ave	N: 43.65759 W:79.40006		No evidence of visible large litter pieces	
221	306	20	07-Oct-20	10:44am	10:54am	B	Var	7.5	12.5	18	Kensington Ave.	Minor	2	N	Com-Res	N/A	N	Y	N	Y	N	N	N	0	39	Curb	1	Y		Ave	N:43.65290 W:79.40008		No evidence of large litter pieces	
222	307	20	28-Sep-20	12:11pm	12:23pm	A	Var	11	13	12	Dundas St. W.	Major	4	N	Com-Res	N/A	N	N	N	Y	N	Y	N	4	16	Curb-Building-Alleyways	1	N		Street	N:43.652619 W:79.400599			
223	308	20	07-Oct-20	11:00am	11:08am	B	Fixed	18	18	18	Hickory St.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	3	8	N/A	1	N		Street	N: 43.65249 W:79.40305		Overall clear, no visible large litter	
224	309	20	28-Sep-20	12:34pm	12:48pm	A	Var	11	12.5	13.5	Dundas St. W.	Major	4	N	Com-Res	< 3"	Y	N	Y	Y	Y	Y	Y	3.5	7	Hedge-Curb	1	N	City Street Litter Bin: Old style (foot pedal) garbage + recycling	Street	N:46.650203 W:79.40474			
225	310	20	28-Sep-20	1:37pm	1:57pm	A	Fixed	18	18	18	Eden PL	Lane	2	N	Res	N/A	N	Y	N	N	N	Y	N	25.5	110	Fence-Hedge-Curb	2	N		Place	N:43.64907 W:79.40410			
226	311	19	29-Sep-20	11:46am	12:00pm	A	Var	15	17	12	Euclid Ave.	alleyway	1	N	Res	N/A	N	N	N	N	N	N	N	49.5	21	Fence-Hedge-Curb-Building Walls-Grates	3	N		Ave	N:43.650356 W:79.410013			
227	312	19	29-Sep-20	12:46pm	1:03pm	A	Var	11	7.5	7	Mansfield Ave.	Minor	2	N	Com-Res	N/A	N	N	N	N	N	Y	Y	19	9	Fence-Hedge-Curb-Grates in sidewalk-Catch Basins	2	N	City Street Litter Bin: Old style (missing foot pedal)	Ave	N:43.65361 W:79.41319			
228	313	19	06-Oct-20	1:47pm	1:54pm	B	Var	7	7	18	Crawford St.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	3	4	Curb	1	N		Street	N:43.653767 W:79.418416		Large damaged construction debris by edge of sidewalk	
229	315	19	06-Oct-20	12:16pm	12:24pm	B	Fixed	18	18	18	Niagara St.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	2	4	Curb	1	N	One way	Street	N:43.641546 W:79.404511		Construction in area	
230	316	20	06-Oct-20	12:04pm	12:10pm	B	Fixed	18	18	18	Wellington St. W	Minor	3	N	Com-Res	N/A	N	N	N	Y	N	Y	Y	0	7	Curb	1	N	City Street Litter Bin: 2 sets Grey 3-slot divider, 1 set of recycling and garbage carts	Street	N:43.64329 W:79.39894		No visible large litter pieces	
231	317	20	28-Sep-20	3:37pm	3:46pm	A	Var	18	14	13	Adelaide St. W	Major	4	N	Com-Res	N/A	N	N	N	Y	N	Y	Y	1	11	Hedge-Walls	1	N		Street	N:43.646033 W:79.397936			
232	318	20	28-Sep-20	4:06pm	4:23pm	A	Var	12	18	11	Augusta Ave.	Minor	2	N	Corn-Res	N/A	N	N	N	N	N	Y	Y	14	41	Fence-Curb-Walls	2.5	Y	City Street Litter Bin: old style (foot pedal) garbage and recycling. Patio area would more than likely clean up.	Ave	N:43.648504 W:79.399767	N: 43.6481971 W: 79.399718	Patio extends into road (COVID-19 adjustments), patio may clean litter	
233	320	20	28-Sep-20	10:56am	11:10am	A	Var	8.5	7.5	7.5	Sullivan St.	Minor	2	N	Res-Park	< 3"	N	N	N	Y	N	Y	Y	3	4	Fence-Hedge-Curb-Grass Line	1	N	City Street Litter Bin: Park recycling + park garbage (plastic totes)	Street	N:43.65150 W:79.39457			

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
234	321	20	06-Oct-20	10:06am	10:19pm	B	Var	14	16.5	14.5	Queen St. W.	Major	4	N	Com	N/A	N	Y	N	N	Y	Y	Y	2	7	Curb	1	N	City Street Litter Bin: 3 grey 2 divider bins	Street	N:43.65052 W:79.38806		Evidence of construction debris
235	323	20	06-Oct-20	10:22am	10:32am	B	Var	18	15	18	John St.	Minor	2	N	Com-Ind	N/A	N	N	N	N	N	Y	N	1	15	Curb	1	N		Street	N:43.644833 W:79.388959		Cigarette butts accumulated in tree bed (photo)
236	324	28	14-Oct-20	8:15am	8:32am	A	Var	11.5	12	18	Cooper St.	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	39	5	Fence-Curb	3	N	Fence: construction site	Street	N:43.75010 W:79.41284	N: 43.643161 W: 79.371480	Large litter found mainly by side of fence where construction is occurring, Site point: west side going north
237	326	27	30-Sep-20	8:15am	8:27am	A	Var	18	10	11	St. Nicholas St.	Minor	2	N	Com-Res	< 3"	N	N	N	Y	N	Y	N	5	17	Fence-Curb-Street Trees	1	N		Street	N:43.667368 W:79.386529		
238	328	27	30-Sep-20	4:15pm	4:29pm	A	Var	6.5	8	7	Gloucester St.	Minor	2	N	Com-Res	N/A	N	Y	N	N	N	N	N	4	6	Curb-Wood/Stone Garden Walls	1	N		Street	N:43.667405 W:79.38242	N: 43.667472 W: 79.381128	
239	329	27	30-Sep-20	8:42am	9:09am	A	Fixed	18	18	18	Grosvenor St.	Minor	2	N	Com-Res	< 3"	N	N	N	N	N	Y	N	40	68	Fence-Curb-Grass Line-Mailbox-Cobblestones with weeds	1	N		Street	N:43.66215 W:79.38676		
240	330	28	05-Oct-20	7:48am	8:08am	A	Var	11.5	11.5	11.5	Ontario St.	Minor	2	N	Com-Res-Park	< 3"	N	N	N	Y	Y	Y	Y	9	9	Fence-Curb-Grass Line-Street Trees	1	N	Park Litter Bins: Park garbage tote, recycling tote	Street	N:43.664231 W:79.370696		Audit directions: east side, going northbound
241	332	27	30-Sep-20	3:27pm	3:42pm	A	Var	13	13	11	Gerrard St. E.	Major	4	N	Res-Park	< 3"	N	N	N	Y	N	Y	Y	5	15	Curb	1	N	City Street Litter Bin: Net style garbage, recycling, cigarettes; park garbage totes, recycling totes	Street	N:43.661043 W:79.374296		
242	333	28	30-Sep-20	1:02pm	1:25pm	A	Var	12	10	11	Dundas St. E.	Major	4	N	Com-Res	N/A	N	N	N	N	Y	Y	Y	24	27	Fence-Curb	3	N	City Street Litter Bin: Old style (foot pedal missing) garbage + recycling	Street	N:43.658961 W:79.367351		
243	334	28	30-Sep-20	12:25pm	12:39pm	A	Var	9	8	11	Richmond St. E.	Major	4	N	Com-Res	N/A	N	N	N	Y	N	Y	Y	6	23	Curb-Building Walls	1	N	City Street Litter Bin: Old style (foot pedal missing) garbage + recycling	Street	N:43.653288 W:79.37052		
244	335	28	28-Sep-20	11:40am	11:49am	C	Var	10	10	10	Frederick St.	Major	2	N	Com-Res	N/A	Y	N	N	Y	N	Y	Y	2	13	Curb	1	N	City Street Litter Bin: George Brown College Bin	Street	N:43.649263 W:79.369156		
245	336	28	28-Sep-20	12:06pm	12:13pm	C	Var	18	11	18	The Esplanade	Minor	2	N	Com-Res	N/A	N	N	N	Y	Y	Y	Y	3.5	13	Curb	1	N	City Street Litter Bin: Filled with extra boxboard items	Esplanade	N:43.649945 W:79.364121		
246	337	41	06-Oct-20	9:17am	9:35am	A	Fixed	18	18	18	Midland Ave	Major	4	N	Res	< 3"	N	N	N	Y	Y	Y	Y	13	19	Fence-Curb-Grass Line	2	N	City Street Litter Bin: old style (foot pedals missing)	Ave	N:43.78881 W:79.27985		Audit directions: east side, going north
247	338	7	08-Oct-20	11:16am	11:25am	B	Var	17	17	17	Benrubin Dr.	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	3	1	Curb	1	N		Drive	N:43.752009 W:79.565628		No evidence of visible large litter pieces
248	401	1	08-Oct-20	12:12pm	12:19pm	B	Fixed	18	18	18	Sanagan Rd	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	14	6	Curb	2	N		Road	N:43.738435 W:79.577298		Scattered large litter items
249	402	1	08-Oct-20	11:43am	11:50am	B	Fixed	18	18	18	Garfella Dr	Minor	2	N	Res	N/A	N	N	N	N	N	N	N	4	8	Curb	1	N		Drive	N:43.745327 W:79.593311		Overall clean, no visible large litter pieces
250	403	3	30-Sep-20	8:10am	8:22am	B	Var	16	17.5	18	Gentian Dr	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	6	4	Curb	1	N	Lawn grass along with fence adjacent to site point	Drive	N:43.665151 W:79.583458		Cigarette butts found closer to curbside
251	405	5	01-Oct-20	10:07am	10:15am	B	Var	18	14	14	Cochrane Dr	Minor	2	N	Res-Park	< 3"	N	N	N	Y	N	Y	Y	3	0	N/A	1	N	City Street Litter Bin: 2 bins (black - litter only, blue - recycling)	Drive	N: 43.62776 W:79.50756		No evidence of litter
252	406	6	01-Oct-20	2:44pm	2:54pm	B	Var	5	6.5	6.5	Symons St	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	0	Curb	1	N		Street	N:43.607666 W:79.493473		No visible small/large litter pieces
253	407	13	01-Oct-20	11:05am	11:15am	B	Var	18	18	7.5	Langmuir Cres	Minor	2	N	Res-Park	< 3"	N	N	N	Y	N	N	Y	3	3	Curb-Grass Line	1	N	Grass patch on Cashman park. City Street Litter Bin: Grey, 3 slot divider.	Crescent	N:43.655599 W:79.493872		Cigarette butts found in front of bench at Cashman Park. No evidence of large litter.
254	408	14	01-Oct-20	1:35pm	1:46pm	B	Fixed	18	18	18	Jameson Ave	Major	2	N	Res	N/A	N	N	N	N	N	Y	N	3	2	Curb-Tree Line	1	N		Ave	N:43.636312 W:79.436354		Many cigarette butts found in tree beds
255	409	15	08-Oct-20	10:06am	10:16am	B	Fixed	18	18	18	Castlefield Ave	Minor	2	N	Res-Ind	< 3"	N	N	N	Y	N	Y	Y	8	8	Curb	1	N	City Street Litter Bin: 1 set of garbage and recycling carts	Ave	N:43.696485 W:79.469323		Overall clean, no visible large litter pieces. Survey site point alongside park.
256	410	16	05-Oct-20	2:52pm	3:00pm	B	Fixed	18	18	18	Grey Rd	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	0	0	Curb	1	N	Neighbour mentioned to us that she picks up litter frequently mainly from construction workers in the area	Road	N:43.728026 W:79.421116		No evidence of large litter items
257	411	17	02-Oct-20	10:35am	10:41am	B	Fixed	18	18	18	Northcliffe Blv	Minor	2	N	Res	N/A	N	Y	N	N	N	Y	N	4	2	Curb	1	N		Blvd	N:43.679081 W:79.440975		No evidence of large litter
258	412	18	02-Oct-20	9:00am	9:11am	B	Fixed	18	18	18	Dublin St	Lane	2	N	Res	N/A	N	N	N	N	N	N	N	11	4	Curb	2	N	One way lane	Street	N:43.654536 W:79.443486	N: 43.654536 W: 79.40722	Most large litter found at start point by the stone tile garage in the grass patch area
259	413	20	29-Sep-20	10:08am	10:20am	A	Var	8.5	9.5	8.5	Lippincott St	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	8.5	11	Fence-Curb-Grass Line	1	N		Street	N:43.65843 W:79.40722		

Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
260	414	25	09-Oct-20	9:07am	9:12am	B	Var	2	2	2	Hopperton Dr	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	0	0	Curb	1	N		Drive	N:43.76461 W:79.37136		No evidence of large litter pieces
261	415	25	09-Oct-20	8:50am	8:56am	B	Var	2	2	2	Shouldice Crt	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	0	0	Curb	1	N		Court	N:43.76261 W:79.36517		No evidence of large litter pieces
262	416	27	30-Sep-20	9:24am	9:45am	A	Fixed	18	18	18	Grosvenor St	Major	2	N	Com-Res-Park	< 3"	N	N	N	Y	Y	Y	N	13	16	Hedge-Curb-Grass Line-Street Trees-Cobblestones with weeds	2	N		Street	N:43.66189 W:79.38929		
263	417	28	28-Sep-20	2:57pm	3:05pm	C	Var	18	5	18	Sydenham St	Lane	2	N	Res	N/A	N	N	N	N	N	Y	N	9	4	Curb	1	N		Street	N:49.656917 W:79.362483		Nearby soup kitchen
264	418	29	14-Oct-20	2:47pm	2:57pm	A	Var	15.5	15.5	15.5	Memorial Park Ave	Minor	2	N	Res	< 3"	N	N	N	N	N	N	Y	4	13	Curb	1	N	City Street Litter Bin: 1 set of garbage and recycling carts	Ave	N:43.69069 W:79.33517		Overall clean, no visible large litter pieces. Audit site point: north going east
265	419	30	14-Oct-20	9:27am	9:33am	A	Var	5.5	6	6	Winnifred Ave	Minor	2	N	Res	N/A	N	N	N	N	N	N	N	2	1	Curb	1	N	One way	Ave	N:43.659511 W:79.335338		Construction in front house #34. Site point: west side going north
266	420	31	14-Oct-20	2:02pm	2:15pm	A	Var	6.5	6.5	6.5	Dunkirk Rd	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	3	1	Curb	1	N		Road	N:43.692795 W:79.31942		Overall clean, no visible large litter pieces. Audit site point: north going west
267	421	32	10-Oct-20	1:35pm	1:44pm	A	Var	8.5	7.5	9.5	Rhodes Ave	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	8	3	Fence-Curb-Wood/cement /stone garden/retaining walls	2	N		Ave	N:43.673474 W:79.32121		Audit directions: east side, going north
268	422	34	09-Oct-20	9:58am	10:09am	B	Fixed	18	18	18	Upjohn Rd.	Minor	2	N	Com-Ind	< 3"	Y	Y	N	N	N	Y	N	5	5	Curb	1	N		Road	N:43.75373 W:79.35041		Overall clean
269	423	36	07-Oct-20	3:20pm	3:31pm	A	Var	6.5	6	2	Kenny Ave	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	18	Fence-Curb-Grass Line	2	N		Ave	N:43.69139 W:79.27254		Audit directions: north side, going west
270	424	37	07-Oct-20	11:32am	11:41am	A	Var	5.5	5.5	5.5	Minford Ave	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	5	13	Curb-Grass Line	2	N		Ave	N:43.73706 W:79.29118		Audit directions: south side, heading east
271	425	38	02-Oct-20	2:11pm	2:30pm	A	Var	17.5	17.5	17.5	Kenclyff Cres	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	15.5	12	Curb-Grass Line-Brick garden walls	2	N		Crescent	N:43.76190 W:79.24863		Audit directions: east side of street, go north
272	426	39	06-Oct-20	1:08pm	1:26pm	A	Fixed	18	18	18	Glen Springs Dr	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	10	18	Curb-Grass Line-Maintenance grate/covers	2	N		Drive	N:43.80394 W:79.32220		Audit directions: west side, going north
273	500	3	30-Sep-20	3:52pm	4:05pm	B	Var	15.5	15	15	Lloyd Manor	Minor	2	N	Com-Res	< 3"	Y	Y	N	N	N	Y	Y	6	16	Curb	1	N	City Street Litter Bin: Grey (3-way divider). Curb close to Metro's parking lot	Road	N:43.674568 W:79.557729		No visible large litter items
274	501	36	09-Oct-20	9:53am	10:03am	A	Var	6	6	5.5	Winston	Minor	2	N	Res	< 3"	N	N	N	Y	N	Y	N	1	0	Fence-Hedge-Curb-Grass Line-Wood + Stone retaining walls	1	N		Ave	N:43.68419 W:79.28351		Audit directions: south side, going west
275	502	36	09-Oct-20	10:09am	10:18am	A	Var	6.5	6.5	6.5	Fallingbrook	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	2	Curb-Grass Line	1	N		Road	N:43.68148 W:79.27905		Audit directions: west side, going south
276	503	10	29-Sep-20	10:00am	10:11am	B	Var	2	2	2	Charleswood	Minor	2	N	Res	< 3"	Y	N	N	N	Y	Y	N	12	5	Curb	3	N		Drive	N:43.737921 W:79.435167		
277	504	35	07-Oct-20	1:25pm	1:40pm	A	Var	12.5	12.5	12.5	St Clair E	Major	4	N	Res	< 3"	N	N	N	Y	Y	Y	Y	11	13	Hedge-Curb-Grass Line	3	N	City Street Litter Bin: Old style (foot pedal missing)	Ave	N:43.71101 W:79.28610		Audit directions: north side, going west
278	505	40	13-Oct-20	9:30am	9:41am	A	Fixed	18	18	18	Bridletowne	Minor	2	N	Res	< 3"	N	N	N	N	N	N	N	1	0	Curb	1	N		Circle	N:43.79218 W:79.31615		Site point - southside going east
279	506	9	29-Sep-20	11:43am	11:50am	B	Var	16.5	16.5	16.5	Victory	Major	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	5	Curb	1	N	Grass lawns in front of houses	Drive	N:43.727875 W:79.48678	N: 43.727875 W: 79.31615	No evidence of litter
280	507	13	01-Oct-20	10:43am	10:51am	B	Var	6	5	6	Humberview	Minor	2	N	Res	< 3"	N	N	N	Y	N	Y	Y	4	0	Curb	1	N	Located in park across from site point, 2 bins (garbage-only litter recycling)	Road	N:43.653491 W:79.489788		No visible litter
281	508	41	06-Oct-20	9:46am	10:01am	A	Fixed	18	18	18	Mollard	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	2	7	Hedge-Curb-Grass Line	1	N		Road	N:43.79853 W:79.27557		Audit directions: east side, going north
282	509	17	02-Oct-20	2:05pm	2:15pm	B	Var	10.5	7.5	7	Algarve	Minor	2	N	Com-Res	N/A	Y	N	N	N	N	Y	N	15	12	Curb	1	N	Edge of the curb as a catch point for cigarette butts	Crescent	N:43.67965 W:79.46625		The is little pieces of large litter
283	510	32	09-Oct-20	11:08am	11:22am	A	Var	8.5	7.5	8	Scarborough	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	3	4	Fence-Curb-Cement/rock/ wood/brick garden/retaining walls-Rock gardens	1	N		Road	N:43.67685 W:79.28556		Audit directions: west side, going south
284	511	21	05-Oct-20	12:21pm	12:28pm	B	Fixed	18	18	18	Heathdale	Minor	2	N	Res	N/A	N	N	N	N	N	N	N	0	2	Curb	1	N		Road	N:43.689387 W:79.422633		No evidence of litter pieces
285	512	16	13-Oct-20	10:16am	10:24am	A	Var	9	8.5	8	Duplex	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	2	2	Curb	1	N		Ave	N:43.718363 W:79.404221		Overall clean, no visible large litter items. West going south

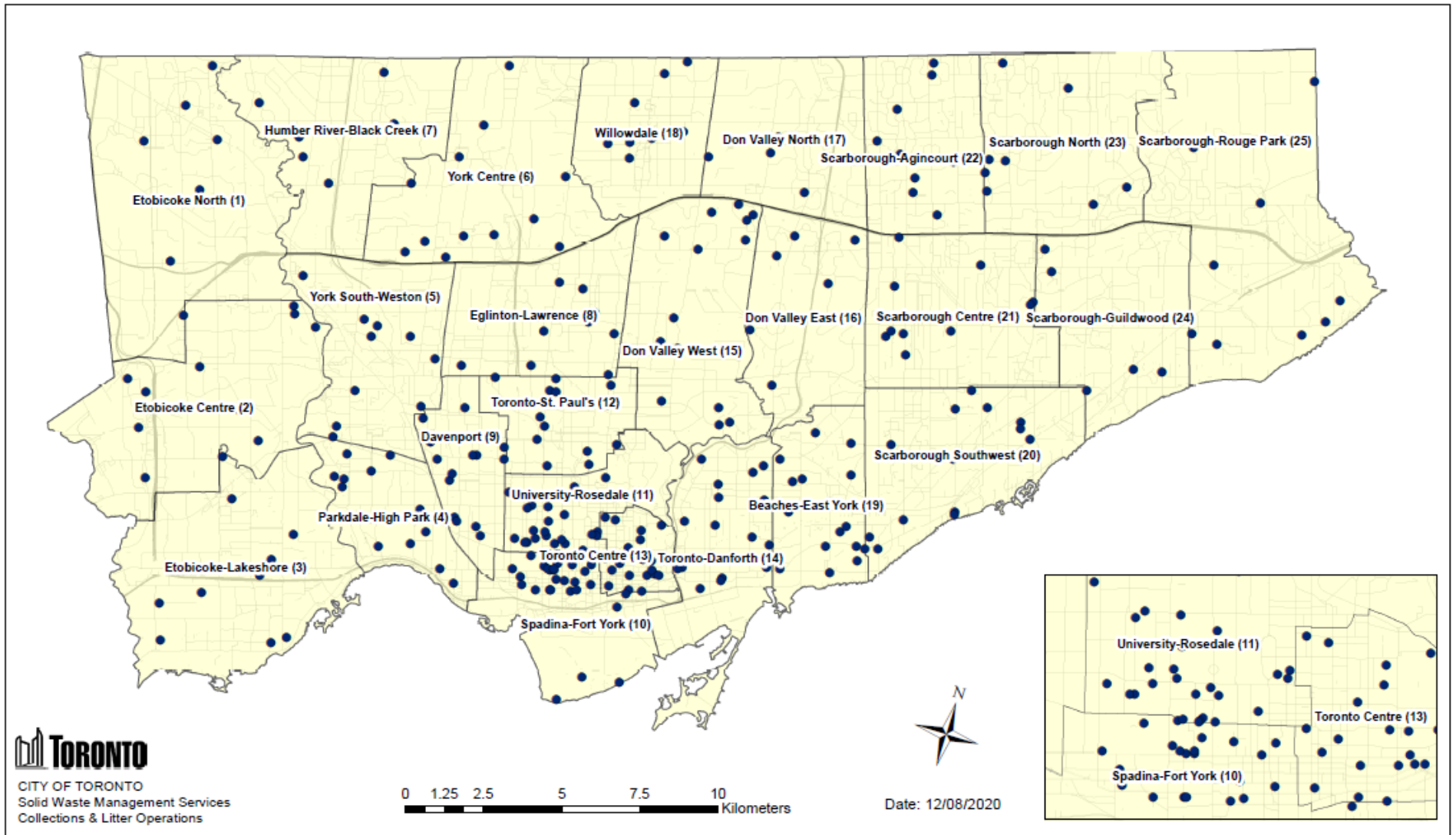
Site #	Site Id	Ward	Date	Start	Finish	Team	Fixed	Width 1	Width 2	Width 3	Street	St. Type	Lanes	Divided	Area	Grass Ht. (Inches)	Fast Food	Conv Store	Mobile Food	Bench or Resting Structure	Bus Stop	Traffic Light/ Stop sign	Litter Bin	Large Litter Count	Small Litter Count	Catch Pt	Litter Index	Cleanup	Details	Street	Coordinates	Updated Coordinates from Previous Survey	Comments
286	513	44	01-Oct-20	10:31am	11:02am	A	Fixed	18	18	18	Ling	Minor	2	N	Res	< 3"	N	N	N	Y	Y	Y	Y	20.5	32	Curb-Grass Line	3	N	City Street Litter Bin: old style (foot pedal missing)	Road	N:43.76678 W:79.18445		Closest intersection: Ling + Morningside, construction on building + property on the same side of the street (on site 286)
287	514	22	05-Oct-20	11:09am	11:21am	A	Var	16.5	15.5	18	Avenue	Major	6	N	Com-Res	N/A	N	N	N	Y	Y	Y	Y	3	17	Curb, Street Trees-Building Walls	1	N	City Street Litter Bin: Old style (missing foot pedals)	Road	N:43.680351 W:79.398771	N: 43.6709307 W: 79.3951417	Audit directions: west side, going southwards
288	515	7	29-Sep-20	2:03pm	2:25pm	B	Fixed	18	18	18	Sheppard W	Major	4	Y	Com-Ind	< 3"	N	N	N	N	Y	Y	N	53	41	Curb	4	N	City Street Litter Bin: Private bin nearby	Ave	N:43.735869 W:79.530029		Most small litter accumulated in the grass patch + under 'No standing' sign pole
289	516	40	13-Oct-20	9:09am	9:18am	A	Fixed	18	18	18	Corinthian	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	6	5	Curb	1	N		Blvd	N:43.79263 W:79.32602		Overall clean, no visible large litter items
290	517	6	01-Oct-20	2:55pm	3:05pm	B	Var	8.5	11.5	11.5	Murrie	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	Y	7	3	Curb	1	N	City Street Litter Bin: on school's side, grey litter bin	Street	N:43.604635 W:79.498672		Few visible large litter pieces
291	518	31	13-Oct-20	3:08pm	3:15pm	A	Var	6	6	6	Machokie	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	2	4	Curb	1	N		Road	N:43.68052 W:79.28799	N: 43.698831 W: 79.327701	Site point: west side going southbound
292	519	3	30-Sep-20	8:27am	8:38am	B	Fixed	18	18	18	Eringate	Minor	2	N	Res	< 3"	N	N	N	N	Y	Y	N	15	6	Curb	1	N		Drive	N:43.66283 W:79.57479	N: 43.662936 W: 79.57502	Few visible large litter items
293	520	3	30-Sep-20	9:08am	9:28am	B	Var	14	14	16	The West Mall	Major	4	N	Res	< 3"	N	N	N	Y	Y	Y	Y	34	8	Curb	2	N	City Street Litter Bin: Grey (3-way divider). Playground grass area/park adjacent to site	Road	N:43.639401 W:79.565374		Moderate evidence of visible litter items, most litter found closer to curb/near bus stop shelter/litter bin
294	521	20	05-Oct-20	10:29am	10:35am	B	Var	7	7	7	Bernard	Minor	2	N	Res	N/A	N	N	N	N	N	Y	N	4	8	Curb	1	N		Ave	N:43.672889 W:79.401604		No evidence of large litter pieces
295	522	21	05-Oct-20	11:53am	12:00pm	B	Fixed	18	18	18	Davenport	Major	2	N	Res	N/A	N	N	N	N	Y	Y	N	2	5	Curb	1	N		Road	N:43.676534 W:79.414497		Construction at end of street, cigarette butts accumulated near street drainage
296	523	13	01-Oct-20	11:22am	11:28am	B	Fixed	18	18	18	Watson	Minor	2	N	Res	< 3"	N	N	N	N	N	Y	N	3	4	Curb	1	N		Road	N:43.66321 W:79.49155		No visible large litter items
297	524	15	02-Oct-20	1:37pm	1:46pm	B	Var	11	11	10	Rogers	Major	4	N	Com	N/A	Y	N	N	N	Y	Y	Y	12	27	Curb	1	N	City Street Litter Bin: Grey 2 slot divider. Blocked back by artificial trees as a catch point for cigarette butts	Road	N:43.68222 W:79.46942		Overall clean with the exception of tobacco butts
298	525	27	07-Oct-20	2:22pm	2:32pm	A	Var	11	11	11	Davidson	Minor	2	N	Com-Res	< 3"	N	Y	N	N	N	Y	N	2	3	Curb-Grass Line	1	N		Ave	N:46.71215 W:79.26073		Audit direction: north side, going west
299	601	21	30-Sep-20	11:27am	11:35am	B	Var	7	7	8	Foxwell	Minor	2	N	Res	< 3"	N	N	N	N	Y	N	Y	5	3	Curb - Dog Park entrance	1	N	City Street Litter Bin: Grey (2-slot divider)	Street	N:43.66997 W:79.49881		No visible litter pieces
300	602	20	28-Sep-20	9:07am	10:00am	A	Fixed	18	18	18	Bond St.	Minor	2	N	Com-Res	< 3"	N	N	N	N	N	Y	N	57	162	Fence-Curb-Grass Line	4	N		Street	N:43.65404 W:79.37737		

APPENDIX B

SITE DISTRIBUTION MAP
AND TOP LITTER HOTSPOTS



2020 Street Litter Audit Locations



APPENDIX C

METHODOLOGY



Conducting the Litter Audit

Audit area at the sites should be the same size. Audit Areas are to be 200 feet (61 meters) x 18 feet (5.5 metres). These full sized audit areas are termed FIXED sites. The site width may be less than 18 feet in some cases, such as when in commercial areas the storefront is set back less than the prescribed distance. In these cases, each site should be 200 feet in length by the width available (<18 feet or 5.5 metres), which will be recorded. These sites are termed VARIABLE sites.

Beginning at the front of the parked car or the start of the site, the team shall use a measuring device to measure 50 feet ahead of the start of the site. Using street marking paint (water based to dissolve) or some other temporary marking method (e.g. chalk, pylons), a mark should be made on the pavement ahead to denote the starting point of the audit site. From this point the team will measure 100 feet, marking the roadway with another identifier to show the mid-point of the site. A final measurement of an additional 100 feet denotes the end of the audit site. As mentioned above, each site is to be 200 feet in length.

The width measurement shall be taken at the start, midpoint and end of the site. The width of the site should be measured 1.5 feet from inside the curb or the start of the pavement, towards the outer edge of the site, up to a maximum width of 18 feet and marked to indicate the boundary. This rule is set to include 1.5 feet into the street since curbs are normal catchment structures, for which the City is responsible for litter clean up. Refer to Figure 1 below depicting the audit site setup.

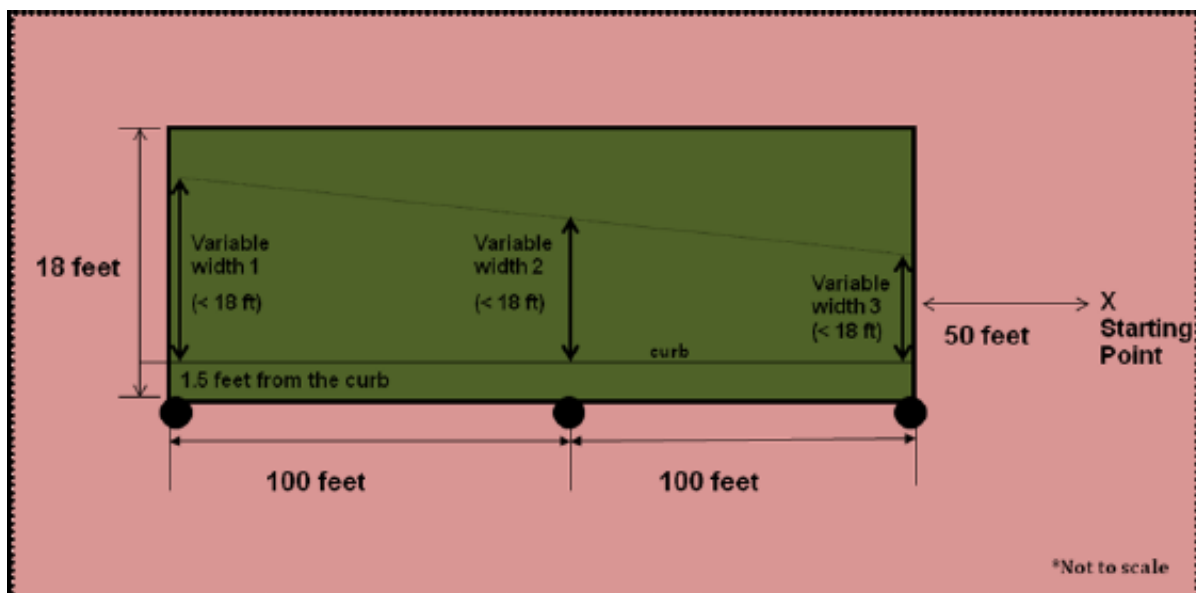


Figure 1: Schematic of Survey Site

Classification of Large Litter

For purposes of classifying litter, and in accordance with the methods used in previous litter surveys, large litter is defined as being greater than 4 square inches in size. To assist the field teams with determining the litter sizes, each audit team will be provided with three templates of 4 square inches in rectangle, square and round shape form. Refer to Figure 2 depicting diagrams of the litter templates.

At each site location this litter audit will observe and document large litter in 14 sub-categories and 95 categories. See Table 1 below for details of the classification of litter items. The Site Surveyor-Large Item and Branded Litter Count form will be used for recording large litter items found at each site.

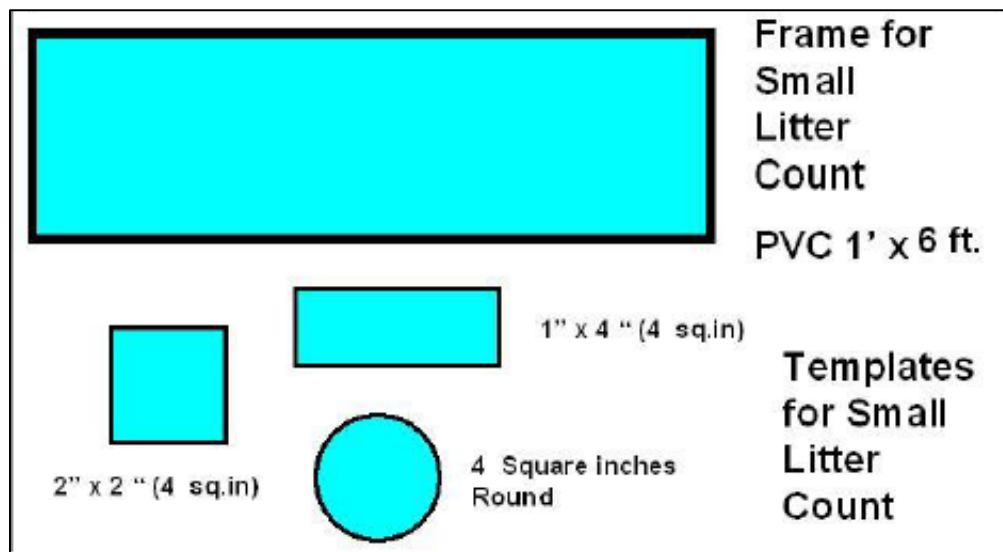


Figure 2: Litter Template

Large Litter Categories

No	CATEGORY	Sub-Category	Material	Description
1	Beer Cans	Beverage	Metal	Consumer beer can containers
2	Beer Bottles (Glass)	Beverage	Glass	Refillable and non-refillable beer bottles
3	Soft Drink (Glass)	Beverage	Glass	Soft drinks in glass containers
4	Soft Drink (Cans)	Beverage	Metal	Soft drinks in metal can containers
5	Soft Drink (Plastic)	Beverage	Plastic	Soft drinks in plastic containers
6	Sport Drink (Glass)	Beverage	Glass	Sport drinks in glass containers
7	Sport Drink (Plastic)	Beverage	Plastic	Sport drinks in plastic containers
8	Water (Glass)	Beverage	Glass	Packaged water in glass containers
9	Water (Plastic)	Beverage	Plastic	Packaged water in plastic containers
10	Wine/ Liquor (Glass)	Beverage	Glass	Wine & liquor in glass
11	Wine/ Liquor (Plastic/Other)	Beverage	Plastic	Wine & liquor in plastic or other formats
12	Milk/Juice (Plastic)	Beverage	Plastic	Milk or juice containers in plastic
13	Milk/Juice (Glass)	Beverage	Glass	Milk or juice containers in glass
14	Milk/Juice (Gable Top)	Beverage	Paper	Milk/juice in gable top cartons

15	Foil Pouches	Other Bev. Pckg.	Composite	Packaged goods and pieces of foil pckg
16	Aseptic (Box)	Other Bev. Pckg.	Paper	Drink-in-box, juice, fluids, other
17	Broken Glass Container	Other Bev. Pckg.	Glass	Glass bottle fragments
18	Six Pack Plastic Rings	Other Bev. Pckg.	Plastic	Retainer plastic for carrying cans
19	Plastic Drink Cups	Cups	Plastic	Cups, all resin types
20	Paper Cups (Cold)	Cups	Paper	Cups, all paper types - cold drinks
21	Paper Cups (Hot)	Cups	Paper	Cups, all paper types - hot drinks
22	Polystyrene Cups (Foam)	Cups	Plastic	Cups, all polystyrene types - hot drinks
23	Other Paper Cups	Cups	Paper	Cups, other materials
24	Cup Lids, Pieces Lids	Cups	Plastic	Cups, lids, straws and pieces
25	Plastic Retail Bags	Bags	Plastic	Whole\pieces of retail plastic bags
26	Paper Retail Bags	Bags	Paper	Whole\pieces of retail paper bags
27	Paper Bags - Fast Food	Bags	Paper	Whole\pieces of fast food paper bags
28	Plastic Bags - Not Retail	Bags	Plastic	Whole\pieces of non-retail plastic bags
29	Paper Bags - Not Retail	Bags	Paper	Paper bags & sacks (e.g., leaf debris)
30	Zipper Bags/ Sandwich	Bags	Plastic	Plastic lunch bags and sacs
31	Cardboard Boxes & Material	Other Pckg.	Paper	All cardboard and box materials
32	Paperboard (Cereal Type)	Other Pckg.	Paper	Cereal, shoe boxes and pieces etc.
33	Paper Beverage Cases	Other Pckg.	Paper	Paper material outer packaging for beverage products
34	Polystyrene Clamshells	Other Pckg.	Plastic	Whole and pieces of expanded foam containers
35	Paper Clamshells	Other Pckg.	Paper	Whole and pieces of take-away or other paper containers
36	Other Plastic Shells/Boxes	Other Pckg.	Plastic	PET, PVC, HDPE, other material shells
37	Plastic Jars / Bottles/ Lids	Other Cntrs.	Plastic	Non-beverage plastic jars/bottles, (e.g., detergent bottles)
38	Glass Jars/ Bottles Misc.	Other Cntrs.	Glass	Glass jars/bottles not described above
39	Cans - Steel	Other Cntrs.	Metal	Steel food/non-food containers
40	Cans - Aluminum	Other Cntrs.	Metal	Aluminum food/non-food containers
41	Container Lids	Other Cntrs.	Metal	All lids, closures, and pieces > 4 sq. in.

42	Aerosol Cans (Paint, Oils, Etc.)	Other Cntrs.	Metal	Aerosol cans, tops, lids - all products
43	Paper Food Wrap	Food Wraps	Paper	Commercial/Non-commercial food wrap (e.g., meat wrap)
44	Paper / Foil Composite Wrap	Food Wraps	Various	Wrap for food/non-food (e.g., hamburger paper/foil)
45	Plastic Wrap	Food Wraps	Plastic	All plastic wrap types, food, non-food
46	Polystyrene Trays	Trays	Plastic	Take-out/non-take out, microwavable, display trays
47	Paper Trays	Trays	Paper	Take-out/non-take out, microwavable, display trays
48	Other Material Trays	Trays	Various	Take-out/non-take out, microwavable, display trays
49	Gum Wrappers	Snack	Paper	Packaging used to seal, sell gum products
50	Candy Bar Wraps	Snack	Composite	Packaging used to seal, sell candy products
51	Candy Pouches	Snack	Composite	Packaging used to seal, sell candy products
52	Sweet Packaging (Describe)	Snack	Various	Packaging used to seal confections (e.g., cakes)
53	Other confectionery (describe)	Snack	Various	All other packaging for confectionaries
54	Condiment Package (Salt, Etc.)	Take-Out	Various	Pouches (e.g., ketchup, salt), containers, creamers
55	Plastic Eating Utensils		Plastic	Forks, Knives, Chop Sticks, Spoons, Straws etc.
55	Chop sticks	Take-Out	Plastic	#N/A
55	Forks	Take-Out	Plastic	#N/A
55	Knives	Take-Out	Plastic	#N/A
55	Spoons	Take-Out	Plastic	#N/A
55	Straws	Take-Out	Plastic	#N/A
55	Other	Take-Out	Plastic	#N/A
56	Name Brand (Fast Food etc.) Towels / Napkins / Serviettes	Take-Out	Paper	Towels & napkins with identifiable brand
57	Paper Fast Food Plates	Take-Out	Paper	Paper Plates used to serve fast food
58	Poly Fast Food Plates	Take-Out	Plastic	Polystyrene Plates used to serve fast food
59	Other Plastic Fast Food Plates	Take-Out	Plastic	Other Material Plates used to serve fast food
60	Plates - Other Materials	Take-Out	Various	Plates - not fast food (e.g., picnic plates)
61	Clothing Or Clothing Pieces	Cloth	Textiles	All cloth, clothing pieces, and clothing discarded on site
62	Other Cloth	Cloth	Textiles	Tarps, industrial fabrics etc.

63	Snack Food Packaging	Snack	Various	All snack food (e.g., chips)
64	Plastic Packaging - Other	Other Pckg.	Plastic	Plastic packaging otherwise not described
65	Paper Packaging - Other	Paper	Paper	Paper packaging otherwise not described
66	Plastic/Composite - Other	Other Misc.	Various	All paper and composite debris not previously described
67	Foil Materials/Foil Pieces	Other Misc.	Various	Foils and pieces, aluminum food foils, industrial foils
68	No Brand Name Towels / Napkins / Serviettes	Paper	Paper	Napkins and towels - no brand identification
69	Lottery Ticket Debris	Paper	Paper	Tickets, and gaming items
70	Printed Material (Newspapers, Etc.)	Paper	Paper	Commercially printed materials (newspapers, flyers, etc.)
71	Stationary (School, Business Etc.)	Paper	Paper	School papers, business forms, etc.
72	Receipts (Business, Transfers, Etc.)	Paper	Paper	Receipts, tickets, bus transfers, invoices, packing slips
73	Cigarette / Cigar Debris (>4")	Tobacco	Various	Tobacco items
74	Tobacco Pckg (Packs, Matches, Etc.)	Tobacco	Various	Tobacco packaging, matches, lighters, matchboxes
75	Foil Containers	Other Bev. Pckg.	Metal	Foil wraps (e.g., ice cream)
76	Misc. Paper	Other Misc.	Paper	All other paper whole or shredded, unidentifiable
77	Misc. Plastic	Other Misc.	Plastic	All other plastic whole or shredded, unidentifiable
78	Misc. Paperboard	Other Misc.	Paper	All other paperboard whole or shredded, unidentifiable
79	Misc. Cardboard	Other Misc.	Paper	All other cardboard whole or shredded, unidentifiable
80	Misc. Glass	Other Misc.	Glass	All other glass, whole or broken, unidentifiable
81	Vehicle & Metal Road Debris	Other Misc.	Various	Debris associated with transportation
82	Construction Debris	Other Misc.	Various	Debris associated with construction
83	Tire & Rubber Debris	Other Misc.	Various	Rubber sheets/pieces, tire pieces, shock absorbers
84	Home Articles	Other Misc.	Various	All non-described household items, (e.g., lamps, etc.)
85	Food & Other Organics	Other Misc.	Organics	
86	e-Waste (cables, USB keys, ear buds, batteries etc.	Other Misc.	Electronics	
87	Popsicle Sticks	Other Misc.	Various	

88	Face Masks	Other Misc.	Various	Nylon, cloth, various fabrics, plastic, etc
89	Disposable Gloves	Other Misc.	Various	Latex, rubber, plastic, etc
90	Other Materials	Other Misc.	Various	To be determined

Branded Litter

Branded Litter is described as any large litter (i.e. over 4 square inches) that has a recognizable brand name affixed. Any large branded litter item observed during the audit will be recorded on the Site Surveyor-Large Item and Branded Litter Count form (Appendix 1) beside the appropriate category.

Classification of Small Litter

Small litter is defined as those pieces of debris that are less than 4 square inches in size. It is classified under 24 categories, as listed below. The small litter audit involves examining three segments, or slices taken through the audit site. The successful bidder shall construct a frame for each audit team, using ½ inch P.V.C. plastic tubing (or a similar material) to act as the template. This frame shall measure 1 foot wide and 6 feet long. Three successive “flips” of the frame will complete crossing the site to the 18 foot boundary of the site. The litter auditor will observe and count all the small litter contained within the frames at three locations within each site: at the start, mid-point and end of the site. At each segment three flips of the frame will be analyzed, thus surveying a total of 18 square feet segment for a total of 54 feet of the entire site. See Figure 3 for a depiction of the site setup for the small litter survey. The Site Surveyor Form – Small Litter Count Sheet will be used to record the findings for each site

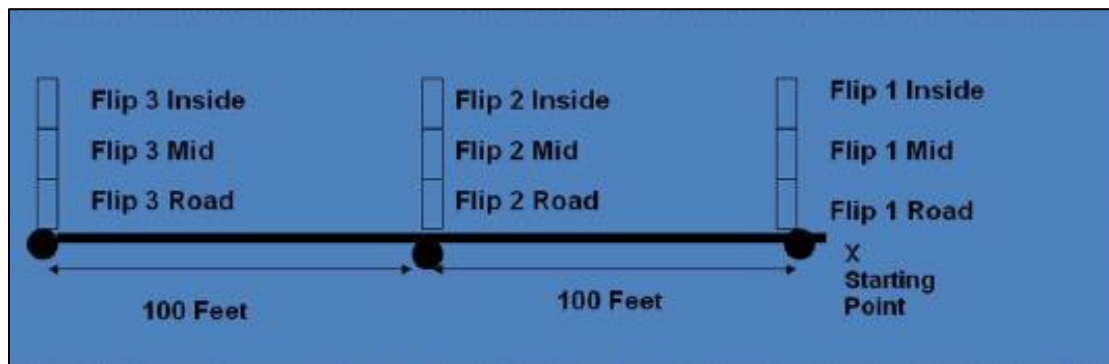


Figure 3: Site Set up Small Litter

Small Litter Categories

1. Cigarette butts/debris
2. Other tobacco
3. Bottle caps
4. Plastic Eating Utensils
 - a. Forks
 - b. Knives
 - c. Spoons
 - d. Chop Sticks
 - e. Straws
 - f. Other
5. Candy packaging and wrappers
6. Polystyrene packing materials, ie. Foam peanuts
7. Other polystyrene debris, ie. Poly foam pieces
8. Glass
9. Paper
10. Plastic Film
11. Hard plastic
12. Aluminum/foil debris
13. Rubber
14. Metal (not aluminum)
15. Other material
16. Chewing gum (stuck on pavement)
17. Food & Other Organics
18. Face Masks
19. E-waste (cables, usb keys, earbuds, etc)

APPENDIX D

FIELD FORMS



Site Surveyor Form – Large Items and Branded Litter Count

Date: _____ (DD/MM/YYYY) Start Time: _____ (AM/PM) End Time: _____ (AM/PM)

Team ID _____ Surveyors Names: _____

Site #: _____ Site ID Number: _____ Site Name: _____

Site type: Fixed ☐ Variable ☐ Site length: **Always 200 feet long**

If variable:

Width 1 - Start: _____ ft. (up to 18ft.)

Width 2 - Middle: _____ ft. (up to 18ft.)

Width 3 - End: _____ ft. (up to 18ft.)

GPS Coordinates: (example: N: 43.758572, W: 79.58778)

N:

W:

Road type (check one): Major City Street ☐ Minor City Street ☐ Laneway ☐

Is roadway divided: Y / N

Number of Lanes: 2 ☐ 4 ☐ 6 ☐ Other ☐ (explain): _____

Area Attributes:

Commercial ☐ Residential ☐ Industrial ☐ Parkland ☐

Grass Height (Check one): N/A ☐ < 3 inches ☐ 3" – 6" ☐ over 6" ☐

Fast food within sight: Y / N Name of fast food: _____

Convenience store within sight: Y / N

Mobile Food Vendor within sight: Y / N

Bench or other resting structure within sight: Y / N

Bus stop within sight: Y / N

Traffic light or stop sign within sight? Y / N

City street/park litter bin within sight: Y / N

City street/park litter bin details: _____

Evidence of litter cleanup? Y / N

Cleanup details: _____

Catch point: fence ☐ hedge ☐ curb ☐ grass line ☐ tree line ☐ other ☐ _____

Details: _____

Photos Taken: _____

Visual rating of site (1 = cleanest, ie. <5 large pieces of litter; 4 = dirtiest, ie. >20 large pieces of litter) _____

Additional comments: _____

Site Surveyor Form - Small Litter (<4") Count Sheet

Date (DD/MM/YY): _____

Start Time: _____

End Time: _____

Team ID: _____

Surveyors Names: _____

Site Number: _____

Site ID: _____

Site Name: _____

		Section #1*				Section #2				Section #3				
SMALL LITTER CATEGORY	Item	Flip 1	Flip 2	Flip 3	Total	Flip 1	Flip 2	Flip 3	Total	Flip 1	Flip 2	Flip 3	Total	Grand Total
Cigarette butts/debris	1													
Other tobacco	2													
Bottle caps	3													
Plastic Eating Utensils	4													
Forks	4													
Knives	4													
Spoons	4													
Chop Sticks	4													
Straws	4													
Other	4													
Candy packaging and wrappers	5													
Polystyrene packing materials, ie. foam peanuts	6													
Other polystyrene debris, ie. poly foam pieces	7													
Glass	8													
Paper	9													
Plastic film	10													
Hard plastic	11													
Aluminum/foil debris	12													
Rubber	13													
Metal (not aluminum)	14													
Other material	15													
Chewing gum (stuck on pavement)	16													
Food & Other Organics (without packaging)	17													
Face Masks	18													
E-waste (canles, usb keys, earbuds, etc)	19													

*closest to vehicle/starting point

Large Items and Branded Litter Count Form

No	CATEGORY	Pass 1	Total	Pass 2	Total	BRAND NAMES OBSERVED
1	Beer Cans					
2	Beer Bottles (Glass)					
3	Soft Drink (Glass)					
4	Soft Drink (Cans)					
5	Soft Drink (Plastic)					
6	Sport Drink (Glass)					
7	Sport Drink (Plastic)					
8	Water (Glass)					
9	Water (Plastic)					
10	Wine/ Liquor (Glass)					
11	Wine/ Liquor (Plastic/Other)					
12	Milk/Juice (Plastic)					
13	Milk/Juice (Glass)					
14	Milk/Juice (Gable Top)					
15	Foil Pouches					
16	Aseptic (Box)					
17	Broken Glass Container					
18	Six Pack Plastic Rings					
19	Plastic Drink Cups					
20	Paper Cups (Cold)					
21	Paper Cups (Hot)					
22	Polystyrene Cups (Foam)					
23	Other Paper Cups					
24	Cup Lids, Pieces Lids					
25	Plastic Retail Bags					
26	Paper Retail Bags					
27	Paper Bags - Fast Food					
28	Plastic Bags - Not Retail					
29	Paper Bags - Not Retail					
30	Zipper Bags/ Sandwich					
31	Cardboard Boxes & Material					
32	Paperboard (Cereal Type)					
33	Paper Beverage Cases					
34	Polystyrene Clamshells					
35	Paper Clamshells					
36	Other Plastic Shells/Boxes					
37	Plastic Jars / Bottles/ Lids					
38	Glass Jars/ Bottles Misc.					
39	Cans - Steel					
40	Cans - Aluminum					
41	Container Lids					
42	Aerosol Cans (Paint, Oils, Etc.)					
43	Paper Food Wrap					
44	Paper / Foil Composite Wrap					
45	Plastic Wrap					
46	Polystyrene Trays					
47	Paper Trays					
48	Other Material Trays					
49	Gum Wrappers					
50	Candy Bar Wraps					

Site #: _____ Site ID Number: _____

Date: _____

No	CATEGORY	Pass 1	Total	Pass 2	Total	BRAND NAMES OBSERVED
51	Candy Pouches					
52	Sweet Packaging (Describe)					
53	Other confectionery (describe)					
54	Condiment Package (Salt, Etc.)					
55	Plastic Eating Utensils					
55	Chop sticks					
55	Forks					
55	Knives					
55	Spoons					
55	Straws					
55	Other					
56	Name Brand (Fast Food etc.) Towels / Napkins / Serviettes					
57	Paper Fast Food Plates					
58	Poly Fast Food Plates					
59	Other Plastic Fast Food Plates					
60	Plates - Other Materials					
61	Clothing Or Clothing Pieces					
62	Other Cloth					
63	Snack Food Packaging					
64	Plastic Packaging - Other					
65	Paper Packaging - Other					
66	Plastic/Composite - Other					
67	Foil Materials/Foil Pieces					
68	No Brand Name Towels / Napkins / Serviettes					
69	Lottery Ticket Debris					
70	Printed Material (Newspapers, Etc.)					
71	Stationary (School, Business Etc.)					
72	Receipts (Business, Transfers, Etc.)					
73	Cigarette / Cigar Debris (>4")					
74	Tobacco Pckg (Packs, Matches, Etc.)					
75	Foil Containers					
76	Misc. Paper					
77	Misc. Plastic					
78	Misc. Paperboard					
79	Misc. Cardboard					
80	Misc. Glass					
81	Vehicle & Metal Road Debris					
82	Construction Debris					
83	Tire & Rubber Debris					
84	Home Articles					
85	Food & Other Organics					
86	e-Waste (cables, USB keys, ear buds, batteries etc.					
87	Popsicle Sticks					
88	Face Masks					
89	Disposable Gloves					
90	Other Materials					

APPENDIX E

LARGE LITTER DATA



Large Litter	Tor-20	Tor-16	Tor-14	Tor-12	Tor-06	Tor-04	Tor-02
Aerosol cans (paint, oils, etc.)	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Aseptic (Box)	0.4%	0.7%	0.2%	0.4%	0.3%	0.5%	0.5%
Beer Bottles (Glass)	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%
Beer Cans	0.4%	0.2%	0.1%	0.2%	0.1%	0.0%	0.2%
Broken Glass Container	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
Candy Bar Wraps	1.0%	0.7%	1.1%	2.3%	3.2%	2.9%	3.0%
Candy Pouches	0.8%	0.3%	0.7%	0.5%	0.4%	2.2%	1.1%
Cans - aluminum (not beverage)	0.2%	0.0%	0.0%	0.5%	0.1%	0.1%	0.2%
Cans - steel	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%
Cardboard Boxes/ Box Material	0.8%	0.6%	0.5%	0.5%	0.8%	0.1%	0.4%
Cigarette / Cigar Debris (>4")	0.0%	0.0%	0.1%	0.6%	2.2%	0.2%	1.2%
Clothing Or Clothing Pieces	1.1%	0.8%	0.7%	0.4%	0.7%	0.4%	0.2%
Condiment Package (salt, ketchup, vinegar, etc.)	0.7%	0.9%	0.5%	0.5%	0.3%	1.4%	1.0%
Construction Debris	3.4%	2.1%	2.5%	1.3%	4.1%	0.6%	3.1%
Container Lids	0.0%	0.2%	0.1%	0.1%	0.2%	0.1%	0.4%
Cup Lids, Pieces Lids, Straws	4.5%	6.4%	5.4%	8.5%	2.1%	3.2%	2.7%
Disposable Gloves	1.1%	n/a	n/a	n/a	n/a	n/a	n/a
e-Waste (cables, USB keys, ear buds, batteries etc.)	0.4%	n/a	n/a	n/a	n/a	n/a	n/a
Face Masks	2.5%	n/a	n/a	n/a	n/a	n/a	n/a
Foil Containers	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%
Foil Materials/Foil Pieces	0.7%	1.0%	0.7%	1.6%	0.8%	1.9%	4.5%
Foil Pouches	0.0%	0.1%	0.2%	0.1%	0.1%	0.1%	0.0%
Food / Other Organics	3.5%	2.1%	3.7%	n/a	n/a	n/a	n/a
Glass jars / bottles misc.	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%
Gum Wrappers	0.7%	0.6%	1.2%	0.8%	1.5%	2.6%	2.0%
Home Articles	1.8%	1.3%	1.5%	2.9%	1.5%	3.5%	0.0%
Lottery ticket debris	0.6%	0.2%	0.4%	0.7%	0.3%	0.7%	0.4%
Milk/Juice (Gable Top)	0.0%	0.1%	0.1%	0.1%	0.3%	0.2%	0.1%
Milk/Juice (Glass)	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
Milk/Juice (Plastic)	0.5%	0.3%	0.6%	0.5%	0.1%	0.1%	0.1%
Misc. Cardboard	0.2%	0.2%	0.0%	0.4%	0.6%	0.8%	21.2%
Misc. Glass	0.4%	0.7%	0.1%	0.2%	0.6%	0.1%	1.2%
Misc. Paper	1.8%	2.9%	3.1%	21.5%	18.6%	14.8%	0.0%
Misc. Paperboard	0.8%	0.4%	0.1%	1.0%	1.1%	0.5%	0.0%
Misc. Plastic	4.4%	4.9%	8.0%	11.7%	10.9%	5.0%	3.7%
Name Brand FF Towels/Napkins	0.4%	0.6%	0.2%	0.3%	0.5%	0.3%	0.4%
No Brand Name Towels / Napkins / Serviettes	9.5%	14.9%	14.0%	6.5%	10.6%	10.1%	8.8%
Other Cloth	1.4%	0.7%	0.9%	0.8%	1.0%	0.7%	0.5%
Other Confectionery (Describe)	0.1%	0.3%	0.1%	0.7%	0.3%	0.2%	1.8%
Other Materials	3.5%	2.5%	0.1%	n/a	n/a	n/a	n/a
Other Mat'l Trays	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Other Paper Cups	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Other plastic FF plates	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other Plastic Shells/Boxes	0.6%	0.0%	0.2%	0.6%	0.2%	0.1%	0.2%
Paper / Foil Composite Wrap	0.3%	0.8%	0.8%	0.3%	1.5%	0.3%	0.4%
Paper Bags - Fast Food	1.3%	1.1%	0.9%	0.5%	0.9%	0.4%	0.5%
Paper Bags - Not Retail	0.1%	0.2%	0.3%	0.1%	0.4%	0.3%	0.4%
Paper Beverage Cases	0.1%	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%
Paper Clamshells	0.3%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%
Paper Cups (Cold)	0.7%	0.5%	0.8%	1.3%	0.8%	0.7%	0.5%
Paper Cups (Hot)	2.1%	2.3%	2.8%	1.7%	2.6%	2.0%	1.4%
Paper Fast Food Plates	0.1%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%
Paper Food Wrap	1.0%	0.8%	1.2%	1.0%	0.3%	0.5%	0.6%
Paper Packaging Other	1.5%	1.7%	1.0%	0.8%	0.3%	0.5%	1.0%
Paper Retail Bags	0.4%	0.2%	0.2%	0.2%	0.1%	0.2%	0.1%
Paper Trays	0.2%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%
Paperboard (Cereal Type)	1.4%	1.7%	1.6%	0.8%	1.2%	0.3%	0.2%
Plastic / composite other	0.5%	0.1%	0.1%	0.2%	0.3%	0.5%	3.3%

Large Litter	Tor-20	Tor-16	Tor-14	Tor-12	Tor-06	Tor-04	Tor-02
Plastic Bags - Not Retail	0.6%	1.7%	0.8%	0.9%	1.5%	1.8%	1.0%
Plastic Drink Cups	1.7%	1.1%	0.8%	1.3%	0.7%	0.9%	0.2%
Plastic Eating Utensils							
Chop sticks	0.1%	n/a	n/a	n/a	n/a	n/a	n/a
Forks	0.5%	n/a	n/a	n/a	n/a	n/a	n/a
Knives	0.2%	n/a	n/a	n/a	n/a	n/a	n/a
Spoons	0.5%	n/a	n/a	n/a	n/a	n/a	n/a
Straws	3.6%	n/a	n/a	n/a	n/a	n/a	n/a
Other	0.1%	n/a	n/a	n/a	n/a	n/a	n/a
Plastic Jars / Bottles / Lids	0.4%	0.6%	0.3%	0.3%	0.1%	0.7%	1.0%
Plastic Packaging Other	3.5%	6.1%	1.4%	2.7%	0.8%	2.4%	5.6%
Plastic Retail Bags	1.2%	0.7%	0.7%	0.8%	0.1%	0.2%	0.6%
Plastic Wrap	2.6%	1.6%	6.2%	2.3%	2.1%	2.2%	0.2%
Plates - Other Mat'l	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Poly Fast Food Plates	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Polystyrene Clamshells	0.2%	0.3%	0.3%	0.2%	0.0%	0.1%	0.7%
Polystyrene Cups (Foam)	0.4%	0.4%	0.6%	0.8%	0.9%	0.6%	0.8%
Polystyrene Trays	0.0%	0.4%	0.1%	0.1%	0.1%	0.1%	0.0%
Popsicle Sticks	0.1%	0.5%	0.1%	n/a	n/a	n/a	n/a
Printed Material (newspapers, flyers, books etc.)	3.9%	5.6%	5.3%	1.4%	4.8%	7.7%	9.4%
Receipts (business forms, bus transfers, etc)	3.8%	6.2%	6.4%	2.6%	4.4%	6.0%	1.1%
Six Pack Plastic Rings	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
Snack Food Packaging	1.8%	2.6%	1.5%	1.2%	0.3%	0.6%	0.3%
Soft Drink (Cans)	1.7%	1.5%	1.4%	1.4%	2.9%	2.3%	2.4%
Soft Drink (Glass)	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%
Soft Drink (Plastic)	0.7%	0.5%	0.4%	0.8%	1.0%	0.2%	0.4%
Sport Drink (Glass)	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%
Sport Drink (Plastic)	0.3%	0.2%	0.2%	0.2%	0.3%	0.1%	0.1%
Stationary (school, bus, etc.)	1.3%	0.7%	2.5%	0.4%	0.1%	0.7%	1.6%
Sweet Packaging (Describe)	0.4%	0.8%	1.4%	0.9%	1.1%	1.4%	0.6%
Tire & Rubber Debris	1.0%	0.8%	0.9%	0.6%	0.3%	0.4%	0.0%
Tobacco Other (packs, matches, cellophane)	4.5%	5.7%	4.4%	2.6%	1.5%	8.8%	2.5%
Utensils	n/a	0.8%	0.7%	0.7%	0.4%	0.4%	1.3%
Vehicle & Metal Road Debris	1.5%	0.8%	1.5%	0.6%	0.8%	0.5%	0.9%
Water (Glass)	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Water (Plastic)	2.7%	2.5%	3.0%	2.6%	2.6%	1.3%	0.6%
Wine/ Liquor (Glass)	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
Wine/ Liquor (Plastic/Other)	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
Zipper Bags/ Sandwich	1.0%	0.5%	0.6%	0.3%	0.3%	0.4%	0.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

#	Large Litter Items	2020 Count	2020 Percent
1	No Brand Name Towels / Napkins / Serviettes	286.5	9.5%
2	Tobacco Other (packs, matches, cellophane)	136.5	4.5%
3	Cup Lids, Pieces Lids, Straws	135.5	4.5%
4	Misc. Plastic	134.5	4.4%
5	Printed Material (newspapers, flyers, books etc.)	119	3.9%
6	Receipts (business forms, bus transfers, etc)	114.5	3.8%
7	Straws	109	3.6%
8	Food / Other Organics	107	3.5%
9	Plastic Packaging Other	106.5	3.5%
10	Other Materials	106	3.5%
11	Construction Debris	103	3.4%
12	Water (Plastic)	81.5	2.7%
13	Plastic Wrap	79	2.6%
14	Face Masks	75.5	2.5%
15	Paper Cups (Hot)	65	2.1%
16	Misc. Paper	55	1.8%
17	Snack Food Packaging	54	1.8%
18	Home Articles	53.5	1.8%
19	Soft Drink (Cans)	52.5	1.7%
20	Plastic Drink Cups	51	1.7%
21	Vehicle & Metal Road Debris	46	1.5%
22	Paper Packaging Other	45.5	1.5%
23	Other Cloth	43	1.4%
24	Paperboard (Cereal Type)	41.5	1.4%
25	Paper Bags - Fast Food	39	1.3%
26	Stationary (school, bus, etc.)	38	1.3%
27	Plastic Retail Bags	37.5	1.2%
28	Disposable Gloves	33.5	1.1%
29	Clothing Or Clothing Pieces	33	1.1%
30	Zipper Bags/ Sandwich	31	1.0%
31	Tire & Rubber Debris	30	1.0%
32	Candy Bar Wraps	30	1.0%
33	Paper Food Wrap	29	1.0%
34	Cardboard Boxes/ Box Material	25	0.8%
35	Candy Pouches	24	0.8%
36	Misc. Paperboard	23.5	0.8%
37	Paper Cups (Cold)	22.5	0.7%
38	Gum Wrappers	22	0.7%
39	Soft Drink (Plastic)	22	0.7%
40	Foil Materials/Foil Pieces	20.5	0.7%
41	Condiment Package (salt, ketchup, vinegar, etc.)	20	0.7%
42	Plastic Bags - Not Retail	19.5	0.6%
43	Lottery ticket debris	18.5	0.6%
44	Other Plastic Shells/Boxes	17.5	0.6%
45	Forks	16	0.5%
46	Milk/Juice (Plastic)	15.5	0.5%
47	Spoons	14.5	0.5%
48	Plastic / composite other	14	0.5%
49	Misc. Glass	13	0.4%
50	Plastic Jars / Bottles / Lids	13	0.4%

#	Large Litter Items	2020 Count	2020 Percent
51	Paper Retail Bags	12.5	0.4%
52	Sweet Packaging (Describe)	12	0.4%
53	Aseptic (Box)	12	0.4%
54	Polystyrene Cups (Foam)	12	0.4%
55	Beer Cans	12	0.4%
56	Name Brand FF Towels/Napkins	11	0.4%
57	e-Waste (cables, USB keys, ear buds, batteries etc.)	11	0.4%
58	Sport Drink (Plastic)	10	0.3%
59	Paper / Foil Composite Wrap	9	0.3%
60	Paper Clamshells	8	0.3%
61	Cans - aluminum (not beverage)	7	0.2%
62	Polystyrene Clamshells	6	0.2%
63	Misc. Cardboard	6	0.2%
64	Other Paper Cups	6	0.2%
65	Wine/ Liquor (Plastic/Other)	6	0.2%
66	Knives	6	0.2%
67	Paper Trays	5	0.2%
68	Popsicle Sticks	4.5	0.1%
69	Other Confectionery (Describe)	4.5	0.1%
70	Other	4.5	0.1%
71	Paper Fast Food Plates	4	0.1%
72	Milk/Juice (Glass)	4	0.1%
73	Water (Glass)	3	0.1%
74	Other plastic FF plates	3	0.1%
75	Paper Beverage Cases	2	0.1%
76	Paper Bags - Not Retail	2	0.1%
77	Cans - steel	2	0.1%
78	Aerosol cans (paint, oils, etc.)	2	0.1%
79	Soft Drink (Glass)	2	0.1%
80	Beer Bottles (Glass)	2	0.1%
81	Broken Glass Container	2	0.1%
82	Chop sticks	2	0.1%
83	Cigarette / Cigar Debris (>4")	1.5	0.0%
84	Polystyrene Trays	1	0.0%
85	Glass jars / bottles misc.	1	0.0%
86	Sport Drink (Glass)	1	0.0%
87	Foil Containers	1	0.0%
88	Utensils	0	0.0%
89	Container Lids	0	0.0%
90	Milk/Juice (Gable Top)	0	0.0%
91	Foil Pouches	0	0.0%
92	Wine/ Liquor (Glass)	0	0.0%
93	Six Pack Plastic Rings	0	0.0%
94	Poly Fast Food Plates	0	0.0%
95	Plates - Other Mat'l	0	0.0%
96	Other Mat'l Trays	0	0.0%
Total Top 20		2,025.0	67.0%
Total - All Large Litter		3,023.5	100.0%

APPENDIX F

SMALL LITTER DATA



Small Litter	Tor-20	Tor-16	Tor-14	Tor-12	Tor-06	Tor-04	Tor-02
Chewing gum (stuck on pavement)	22.5%	25.4%	32.6%	28.9%	30.9%	0.0%	0.0%
Cigarette butts/debris	18.1%	22.3%	26.1%	31.3%	14.8%	20.6%	22.5%
Glass	12.9%	7.0%	4.7%	2.1%	15.4%	20.6%	13.5%
Paper	12.0%	20.9%	16.9%	16.5%	17.3%	31.6%	33.9%
Other material	10.7%	4.9%	2.8%	0.7%	2.5%	3.8%	3.2%
Hard plastic	7.1%	6.5%	4.8%	4.9%	3.6%	7.2%	7.1%
Plastic film	4.1%	3.0%	2.6%	4.6%	2.8%	4.4%	7.1%
Candy packaging and wrappers	3.1%	2.5%	2.8%	4.5%	1.6%	3.4%	2.6%
Aluminum/foil debris	2.8%	2.1%	2.1%	1.1%	2.4%	2.1%	4.0%
Other polystyrene debris, ie. Poly foam	2.7%	0.6%	0.4%	2.1%	1.7%	1.0%	2.4%
Metal (not aluminum)	1.3%	1.6%	1.5%	0.8%	1.1%	2.3%	1.3%
Food & Other Organics	0.8%	1.3%	1.1%	0.0%	0.0%	0.0%	0.0%
Bottle caps	0.7%	0.5%	0.3%	0.9%	0.1%	0.5%	0.5%
Rubber	0.3%	0.1%	0.4%	0.1%	0.7%	0.9%	0.3%
Other tobacco	0.3%	0.6%	0.3%	0.7%	2.4%	1.1%	0.1%
Plastic Eating Utensils	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Forks	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Knives	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Spoons	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Chop Sticks	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Straws	0.2%	0.1%	0.3%	0.3%	0.4%	0.5%	0.5%
Other	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
E-waste (cables, usb keys, earbuds, etc)	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Polystyrene packing materials, ie. Foam	0.0%	0.7%	0.3%	0.4%	2.3%	0.2%	0.9%
Face Masks	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Small Litter Items	2020	
	Count	Percent
Chewing gum (stuck on pavement)	854	22.5%
Cigarette butts/debris	687	18.1%
Glass	488	12.9%
Paper	455	12.0%
Other material	407	10.7%
Hard plastic	270	7.1%
Plastic film	155	4.1%
Candy packaging and wrappers	117	3.1%
Aluminum/foil debris	106	2.8%
Other polystyrene debris, ie. Poly foam pieces	103	2.7%
Metal (not aluminum)	51	1.3%
Food & Other Organics	31	0.8%
Bottle caps	27	0.7%
Rubber	13	0.3%
Other tobacco	11	0.3%
Plastic Eating Utensils		
Forks	2	0.1%
Knives	0	0.0%
Spoons	0	0.0%
Chop Sticks	0	0.0%
Straws	6	0.2%
Other	6	0.2%
E-waste (cables, usb keys, earbuds, etc)	4	0.1%
Polystyrene packing materials, ie. Foam peanuts	1	0.0%
Face Masks	0	0.0%
Total Small Litter	3,794	100.0%

APPENDIX G

RANKING OF SITES



<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
153	147	85
25	20	84
602	300	57
515	288	53
311	226	49.5
108	103	46.5
23	18	43
141	135	43
178	172	42
73	68	41
329	239	40
33	28	39
324	236	39
24	19	37
111	106	37
106	101	36
254	206	36
261	212	36
115	110	35
520	293	34
112	107	32.5
184	178	32
224	202	32
124	119	31
223	201	29
55	50	28
179	173	28
79	74	27
209	187	26
310	225	25.5
210	188	24
258	209	24
333	242	24
53	48	23

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
602	300	162
259	210	150
153	147	139
310	225	110
300	215	79
329	239	68
56	51	67
179	173	64
260	211	64
159	153	62
210	188	55
304	219	48
183	177	47
131	125	42
318	232	41
515	288	41
54	49	39
306	221	39
49	44	36
40	35	35
301	216	35
155	149	34
114	109	33
513	286	32
163	157	29
21	17	28
333	242	27
524	297	27
55	50	26
120	115	25
161	155	25
36	31	24
112	107	24
170	164	24

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
153	147	224
602	300	219
259	210	158
310	225	135.5
329	239	108
300	215	102
25	20	97
515	288	94
179	173	92
210	188	79
56	51	71
311	226	70.5
304	219	69.5
159	153	69
260	211	67
141	135	61
178	172	61
33	28	59
111	106	59
54	49	58.5
112	107	56.5
261	212	55
318	232	55
55	50	54
73	68	54
254	206	54
513	286	52.5
131	125	52
183	177	52
108	103	51.5
333	242	51
114	109	50
224	202	50
184	178	49

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
142	136	23
300	215	23
154	148	22.5
69	64	22
218	196	21.5
304	219	21.5
152	146	21
203	181	21
513	286	20.5
140	134	20
54	49	19.5
162	156	19
312	227	19
6	6	18
26	21	18
35	30	18
70	65	18
150	144	17.5
4	4	17
30	25	17
114	109	17
133	127	17
172	166	16.5
202	180	16.5
42	37	16
215	193	16
425	271	15.5
12	10	15
509	282	15
519	292	15
21	17	14
34	29	14
116	111	14
125	120	14

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
133	127	23
334	243	23
111	106	22
158	152	22
172	166	22
305	220	22
53	48	21
166	160	21
173	167	21
311	226	21
33	28	20
110	105	20
213	191	20
169	163	19
178	172	19
209	187	19
214	192	19
251	204	19
261	212	19
337	246	19
141	135	18
142	136	18
154	148	18
224	202	18
254	206	18
423	269	18
426	272	18
12	10	17
61	56	17
69	64	17
137	131	17
182	176	17
184	178	17
271	214	17

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
301	216	48.5
24	19	48
115	110	47
49	44	45
209	187	45
23	18	44
53	48	44
324	236	44
79	74	43
21	17	42
520	293	42
40	35	41
124	119	41
142	136	41
155	149	41
154	148	40.5
133	127	40
69	64	39
223	201	39
306	221	39
524	297	39
172	166	38.5
106	101	36
258	209	36
36	31	35
161	155	34
173	167	34
152	146	33
158	152	33
12	10	32
214	192	32
337	246	32
120	115	31
163	157	31

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
204	182	14
318	232	14
401	248	14
83	78	13.5
85	80	13.5
301	216	13.5
129	124	13
137	131	13
171	165	13
173	167	13
214	192	13
337	246	13
416	262	13
74	69	12
75	70	12
123	118	12
201	179	12
217	195	12
503	276	12
524	297	12
28	23	11
36	31	11
147	141	11
158	152	11
222	200	11
412	258	11
504	277	11
80	75	10.5
207	185	10.5
61	56	10
105	100	10
119	114	10
131	125	10
132	126	10

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
326	237	17
514	287	17
8	8	16
79	74	16
83	78	16
212	190	16
307	222	16
416	262	16
500	273	16
85	80	15
215	193	15
302	217	15
323	235	15
332	241	15
32	27	14
57	52	14
132	126	14
168	162	14
25	20	13
48	43	13
52	47	13
73	68	13
335	244	13
336	245	13
418	264	13
424	270	13
504	277	13
30	25	12
35	30	12
60	55	12
70	65	12
96	91	12
105	100	12
115	110	12

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
170	164	31
215	193	31
35	30	30
70	65	30
137	131	30
83	78	29.5
30	25	29
110	105	29
140	134	29
334	243	29
416	262	29
85	80	28.5
312	227	28
426	272	28
425	271	27.5
61	56	27
162	156	27
509	282	27
116	111	26
305	220	25
202	180	24.5
8	8	24
26	21	24
132	126	24
169	163	24
171	165	24
251	204	24
504	277	24
4	4	23
166	160	23
203	181	23
150	144	22.5
213	191	22.5
6	6	22

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
148	142	10
426	272	10
49	44	9
50	45	9
98	93	9
110	105	9
139	133	9
161	155	9
330	240	9
417	263	9
413	259	8.5
8	8	8
46	41	8
58	53	8
101	96	8
216	194	8
259	210	8
409	255	8
421	267	8
126	121	7.5
181	175	7.5
16	13	7
18	15	7
86	81	7
96	91	7
117	112	7
146	140	7
155	149	7
157	151	7
159	153	7
164	158	7
170	164	7
303	218	7
517	290	7

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
116	111	12
152	146	12
256	207	12
258	209	12
425	271	12
509	282	12
18	15	11
24	19	11
59	54	11
171	165	11
211	189	11
317	231	11
413	259	11
1	1	10
66	61	10
124	119	10
223	201	10
92	87	9
136	130	9
140	134	9
164	158	9
252	205	9
303	218	9
312	227	9
330	240	9
7	7	8
28	23	8
31	26	8
75	70	8
98	93	8
102	97	8
129	124	8
156	150	8
162	156	8

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
105	100	22
326	237	22
500	273	22
218	196	21.5
34	29	21
42	37	21
125	120	21
129	124	21
204	182	21
519	292	21
75	70	20
182	176	20
212	190	20
217	195	20
307	222	20
332	241	20
401	248	20
423	269	20
514	287	20
413	259	19.5
28	23	19
48	43	19
96	91	19
201	179	19
222	200	19
271	214	19
256	207	18.5
18	15	18
57	52	18
74	69	18
330	240	18
424	270	18
60	55	17
98	93	17

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
113	108	6.5
122	117	6.5
256	207	6.5
37	32	6
40	35	6
48	43	6
51	46	6
67	62	6
120	115	6
151	145	6
334	243	6
403	250	6
500	273	6
516	289	6
27	22	5
31	26	5
60	55	5
76	71	5
77	72	5
107	102	5
149	143	5
160	154	5
169	163	5
176	170	5
183	177	5
251	204	5
326	237	5
332	241	5
422	268	5
424	270	5
601	299	5
20	16	4
38	33	4
43	38	4

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
202	180	8
217	195	8
222	200	8
308	223	8
402	249	8
409	255	8
520	293	8
521	294	8
34	29	7
84	79	7
86	81	7
117	112	7
122	117	7
125	120	7
160	154	7
165	159	7
201	179	7
204	182	7
309	224	7
316	230	7
321	234	7
508	281	7
4	4	6
26	21	6
43	38	6
58	53	6
67	62	6
74	69	6
101	96	6
119	114	6
128	123	6
134	128	6
148	142	6
151	145	6

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
123	118	17
418	264	17
503	276	17
336	245	16.5
32	27	16
119	114	16
148	142	16
164	158	16
302	217	16
303	218	16
323	235	16
409	255	16
168	162	15
335	244	15
412	258	15
207	185	14.5
52	47	14
58	53	14
59	54	14
86	81	14
101	96	14
117	112	14
122	117	13.5
31	26	13
46	41	13
147	141	13
417	263	13
50	45	12
66	61	12
67	62	12
136	130	12
139	133	12
151	145	12
160	154	12

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
44	39	4
47	42	4
56	51	4
57	52	4
71	66	4
81	76	4
84	79	4
109	104	4
128	123	4
145	139	4
165	159	4
175	169	4
205	183	4
212	190	4
307	222	4
328	238	4
402	249	4
411	257	4
418	264	4
507	280	4
521	294	4
144	138	3.5
309	224	3.5
336	245	3.5
3	3	3
7	7	3
39	34	3
59	54	3
87	82	3
100	95	3
136	130	3
138	132	3
182	176	3
260	211	3

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
205	183	6
328	238	6
401	248	6
519	292	6
20	16	5
37	32	5
39	34	5
42	37	5
44	39	5
46	41	5
47	42	5
81	76	5
108	103	5
113	108	5
123	118	5
149	143	5
150	144	5
167	161	5
175	169	5
221	199	5
324	236	5
422	268	5
503	276	5
506	279	5
516	289	5
522	295	5
2	2	4
6	6	4
38	33	4
45	40	4
78	73	4
99	94	4
104	99	4
121	116	4

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
317	231	12
402	249	12
521	294	12
113	108	11.5
181	175	11.5
7	7	11
37	32	11
84	79	11
157	151	11
165	159	11
211	189	11
308	223	11
421	267	11
516	289	11
80	75	10.5
309	224	10.5
1	1	10
43	38	10
102	97	10
128	123	10
146	140	10
149	143	10
205	183	10
252	205	10
328	238	10
403	250	10
422	268	10
517	290	10
126	121	9.5
16	13	9
20	16	9
44	39	9
47	42	9
81	76	9

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
305	220	3
308	223	3
313	228	3
320	233	3
338	247	3
405	251	3
407	253	3
408	254	3
420	266	3
510	283	3
514	287	3
523	296	3
127	122	2.5
213	191	2.5
13	11	2
17	14	2
32	27	2
62	57	2
66	61	2
72	67	2
82	77	2
88	83	2
93	88	2
99	94	2
102	97	2
104	99	2
134	128	2
135	129	2
143	137	2
163	157	2
166	160	2
177	171	2
180	174	2
257	208	2

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
157	151	4
181	175	4
207	185	4
208	186	4
313	228	4
315	229	4
320	233	4
403	250	4
412	258	4
417	263	4
510	283	4
518	291	4
523	296	4
29	24	3
50	45	3
77	72	3
97	92	3
139	133	3
146	140	3
206	184	3
220	198	3
407	253	3
421	267	3
517	290	3
525	298	3
601	299	3
5	5	2
13	11	2
16	13	2
62	57	2
76	71	2
126	121	2
144	138	2
145	139	2

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
92	87	9
156	150	9
175	169	9
321	234	9
508	281	9
38	33	8
39	34	8
77	72	8
134	128	8
216	194	8
601	299	8
76	71	7
176	170	7
313	228	7
316	230	7
320	233	7
506	279	7
510	283	7
522	295	7
523	296	7
51	46	6
99	94	6
104	99	6
145	139	6
167	161	6
221	199	6
315	229	6
407	253	6
411	257	6
518	291	6
144	138	5.5
27	22	5
45	40	5
71	66	5

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
271	214	2
315	229	2
321	234	2
335	244	2
406	252	2
419	265	2
423	269	2
502	275	2
506	279	2
508	281	2
512	285	2
518	291	2
522	295	2
525	298	2
45	40	1
52	47	1
63	58	1
78	73	1
89	84	1
95	90	1
103	98	1
156	150	1
167	161	1
168	162	1
206	184	1
208	186	1
221	199	1
252	205	1
270	213	1
302	217	1
317	231	1
323	235	1
501	274	1
505	278	1

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
147	141	2
176	170	2
203	181	2
270	213	2
408	254	2
411	257	2
502	275	2
511	284	2
512	285	2
11	9	1
14	12	1
23	18	1
63	58	1
68	63	1
71	66	1
72	67	1
82	77	1
87	82	1
89	84	1
91	86	1
94	89	1
95	90	1
100	95	1
138	132	1
180	174	1
219	197	1
250	203	1
338	247	1
419	265	1
420	266	1
3	3	0
17	14	0
27	22	0
41	36	0

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
78	73	5
107	102	5
208	186	5
408	254	5
525	298	5
2	2	4
13	11	4
62	57	4
87	82	4
100	95	4
109	104	4
121	116	4
138	132	4
206	184	4
338	247	4
420	266	4
502	275	4
507	280	4
512	285	4
3	3	3
29	24	3
72	67	3
82	77	3
97	92	3
180	174	3
220	198	3
270	213	3
405	251	3
419	265	3
127	122	2.5
5	5	2
17	14	2
63	58	2
88	83	2

<i>Site ID</i>	<i>Site #</i>	<i>Lg Litter</i>
1	1	0
2	2	0
5	5	0
11	9	0
14	12	0
29	24	0
41	36	0
64	59	0
65	60	0
68	63	0
90	85	0
91	86	0
92	87	0
94	89	0
97	92	0
118	113	0
121	116	0
174	168	0
211	189	0
219	197	0
220	198	0
250	203	0
306	221	0
316	230	0
410	256	0
414	260	0
415	261	0
511	284	0
Total	3024	

<i>Site ID</i>	<i>Site #</i>	<i>Sm Litter</i>
51	46	0
64	59	0
65	60	0
80	75	0
88	83	0
90	85	0
93	88	0
103	98	0
106	101	0
107	102	0
109	104	0
118	113	0
127	122	0
135	129	0
143	137	0
174	168	0
177	171	0
216	194	0
218	196	0
257	208	0
405	251	0
406	252	0
410	256	0
414	260	0
415	261	0
501	274	0
505	278	0
507	280	0
Total	3794	

<i>Site ID</i>	<i>Site #</i>	<i>All Litter</i>
89	84	2
93	88	2
95	90	2
135	129	2
143	137	2
177	171	2
257	208	2
406	252	2
511	284	2
11	9	1
14	12	1
68	63	1
91	86	1
94	89	1
103	98	1
219	197	1
250	203	1
501	274	1
505	278	1
41	36	0
64	59	0
65	60	0
90	85	0
118	113	0
174	168	0
410	256	0
414	260	0
415	261	0
Total	6818	

APPENDIX H

BRANDED LITTER DATA



#	Brand Name	Total	Percent (%)
1	Tim Hortons	163	20.4%
2	McDonalds	46	5.8%
3	Health Canada	34	4.3%
4	Nestle	25	3.1%
5	Coca Cola	20	2.5%
6	Starbucks	19	2.4%
7	Belmont	11	1.4%
8	TTC	11	1.4%
9	Real Canadian Water	10	1.3%
10	Iran Javan (newspaper)	9	1.1%
11	Canada Dry	8	1.0%
12	du Maurier	8	1.0%
13	Fruit roll up	8	1.0%
14	Wendy's	8	1.0%
15	LCBO	7	0.9%
16	Popeye's Chicken	7	0.9%
17	President's Choice	7	0.9%
18	Red Bull	7	0.9%
19	Gatorade	6	0.8%
20	KFC	6	0.8%
21	Nestea	6	0.8%
22	Shoppers Drug Mart	6	0.8%
23	Subway	6	0.8%
24	Trident	6	0.8%
25	Croissant Tree	5	0.6%
26	Pall Mall Tobacco	5	0.6%
27	A&W	4	0.5%
28	Kirkland	4	0.5%
29	Minute Maid	4	0.5%
30	Pepsi	4	0.5%
31	RMD Gutkha	4	0.5%
32	Snickers	4	0.5%
33	Toronto Parking Authority	4	0.5%
34	Aero	3	0.4%

#	Brand Name	Total	Percent (%)
35	Aquafina	3	0.4%
36	BB (cigarettes)	3	0.4%
37	CIBC	3	0.4%
38	Compliments	3	0.4%
39	Crush	3	0.4%
40	Next	3	0.4%
41	Pizza Pizza	3	0.4%
42	Polar Pop	3	0.4%
43	Rougemont	3	0.4%
44	Welches	3	0.4%
45	Activia	2	0.3%
46	Air Heads	2	0.3%
47	Bandaid	2	0.3%
48	Bear Paws	2	0.3%
49	Blue Diamond	2	0.3%
50	Brisk	2	0.3%
51	Burger King	2	0.3%
52	Burger Priest	2	0.3%
53	Circle K	2	0.3%
54	Danone	2	0.3%
55	DK's	2	0.3%
56	Dominos	2	0.3%
57	Eska	2	0.3%
58	EXTRA	2	0.3%
59	GHOST (vape)	2	0.3%
60	Guinness Sapporo	2	0.3%
61	Heineken	2	0.3%
62	Ice River	2	0.3%
63	KIND	2	0.3%
64	Kit Kat	2	0.3%
65	Laker	2	0.3%
66	Life	2	0.3%
67	Little Trees	2	0.3%
68	Maynard's	2	0.3%
69	Monster	2	0.3%

#	Brand Name	Total	Percent (%)
70	Nature Valley	2	0.3%
71	No Name	2	0.3%
72	Proline	2	0.3%
73	Pure Protein	2	0.3%
74	Selection	2	0.3%
75	Sesame Snaps	2	0.3%
76	Smart Water	2	0.3%
77	Sprite	2	0.3%
78	Sumol	2	0.3%
79	Wrigley's	2	0.3%
80	241 Pizza	1	0.1%
81	7-Up	1	0.1%
82	Air Sac	1	0.1%
83	Albaaqi Supermarket	1	0.1%
84	Allo	1	0.1%
85	Annie's	1	0.1%
86	Aqualube	1	0.1%
87	Aquaspa	1	0.1%
88	Arizona	1	0.1%
89	Aroma	1	0.1%
90	Avene	1	0.1%
91	Bacardi	1	0.1%
92	Badoit	1	0.1%
93	Barbican	1	0.1%
94	Barqs	1	0.1%
95	Bath and Body Works	1	0.1%
96	Be Real	1	0.1%
97	Beck Taxi	1	0.1%
98	Beer Store	1	0.1%
99	Bic	1	0.1%
100	Bizou	1	0.1%
101	Blackberry	1	0.1%
102	Blackfly Booze	1	0.1%
103	Boba Boy	1	0.1%
104	Broken Coast	1	0.1%

#	Brand Name	Total	Percent (%)
105	Brunswick	1	0.1%
106	Bubbly	1	0.1%
107	Budweiser	1	0.1%
108	Caesars (dog food)	1	0.1%
109	Canada Post	1	0.1%
110	Canadian Classic	1	0.1%
111	Cannabis Capsules	1	0.1%
112	CanPar	1	0.1%
113	Canyon Cannabis	1	0.1%
114	Chatime Bubble Tea	1	0.1%
115	Cheese String	1	0.1%
116	Cheetos	1	0.1%
117	Colangelo Brothers Fruit	1	0.1%
118	Compal	1	0.1%
119	Cool Plus	1	0.1%
120	Corona Extra	1	0.1%
121	Country Style	1	0.1%
122	Crunch Bar	1	0.1%
123	Dab	1	0.1%
124	Dairy Queen	1	0.1%
125	Dasani	1	0.1%
126	Datey	1	0.1%
127	DELL	1	0.1%
128	Dempster's	1	0.1%
129	Dentyne	1	0.1%
130	Diabetes Foundation	1	0.1%
131	Dixie	1	0.1%
132	Dollarama	1	0.1%
133	Dr. Pepper	1	0.1%
134	Dubble Bubble	1	0.1%
135	Duramax	1	0.1%
136	Dynamic	1	0.1%
137	Earthrated	1	0.1%
138	Emma	1	0.1%
139	Engross	1	0.1%

#	Brand Name	Total	Percent (%)
140	Ensure	1	0.1%
141	Excel	1	0.1%
142	Excellent Cleaners	1	0.1%
143	Fanta	1	0.1%
144	Fas Gas Plus	1	0.1%
145	Fashion Artifacts	1	0.1%
146	Fibre 1	1	0.1%
147	Fiji	1	0.1%
148	Five Alive	1	0.1%
149	Foot Locker	1	0.1%
150	French's Ketchup	1	0.1%
151	Fresh Veggies	1	0.1%
152	Freshpet	1	0.1%
153	Fruit by the foot	1	0.1%
154	Fullstop	1	0.1%
155	Gerber	1	0.1%
156	Ginger Ale	1	0.1%
157	Ginseng energy	1	0.1%
158	Globe and Mail	1	0.1%
159	Go Pure	1	0.1%
160	God's Green Crack	1	0.1%
161	Good eats	1	0.1%
162	Goya	1	0.1%
163	Grace	1	0.1%
164	Great Canadian	1	0.1%
165	Great Toronto Living	1	0.1%
166	Great Value	1	0.1%
167	Green Max	1	0.1%
168	Green P.com	1	0.1%
169	Gujarat Weekly	1	0.1%
170	GUM (dental floss brand)	1	0.1%
171	H&M	1	0.1%
172	Hagan Das	1	0.1%
173	Happy Peanuts	1	0.1%
174	Harvey's	1	0.1%

#	Brand Name	Total	Percent (%)
175	Heinz	1	0.1%
176	Hellman's	1	0.1%
177	Herbal Essentials	1	0.1%
178	Herbalife Nutrition	1	0.1%
179	Hershey's	1	0.1%
180	Homes (Magazine)	1	0.1%
181	HP	1	0.1%
182	Hua Sheng Supermarket	1	0.1%
183	Inka	1	0.1%
184	Inpica	1	0.1%
185	Iqbal halal foods	1	0.1%
186	Island soda	1	0.1%
187	Jaw Drop Cooler	1	0.1%
188	Jell-o	1	0.1%
189	John Player	1	0.1%
190	Juicy Fruit	1	0.1%
191	Kashi	1	0.1%
192	Kenneth Cole	1	0.1%
193	Kikkoman	1	0.1%
194	Kityo Realty	1	0.1%
195	Klondike Bar	1	0.1%
196	Komodo	1	0.1%
197	Kong Ta Shan	1	0.1%
198	Krispy Kreme	1	0.1%
199	Kung Fu Tea	1	0.1%
200	Lactantia	1	0.1%
201	Laderach	1	0.1%
202	Larabar	1	0.1%
203	Lays	1	0.1%
204	LD Tobacco	1	0.1%
205	Lindor Chocolate	1	0.1%
206	Longos	1	0.1%
207	Löwenbräu	1	0.1%
208	Luso	1	0.1%
209	M&M's	1	0.1%

#	Brand Name	Total	Percent (%)
210	Made Good	1	0.1%
211	Maggi	1	0.1%
212	Mars	1	0.1%
213	Matinee	1	0.1%
214	Melona	1	0.1%
215	Mentos	1	0.1%
216	Metro	1	0.1%
217	Mike and Ikes	1	0.1%
218	Miller Genuine Draft	1	0.1%
219	Money Saver	1	0.1%
220	Monopoly	1	0.1%
221	MVR Plus	1	0.1%
222	Nash Tape Pro	1	0.1%
223	Nature	1	0.1%
224	Natures Bakery	1	0.1%
225	Oakdale Original	1	0.1%
226	Oasis	1	0.1%
227	O'Henry	1	0.1%
228	Oikos	1	0.1%
229	Old Style Pilsner	1	0.1%
230	Oreo	1	0.1%
231	Original Gourmet	1	0.1%
232	Panasonic	1	0.1%
233	Parent's Choice	1	0.1%
234	Peace Naturals	1	0.1%
235	Pedialyte	1	0.1%
236	Perrier	1	0.1%
237	Pet Value	1	0.1%
238	Petro Canada	1	0.1%
239	Philip Morris	1	0.1%
240	Pineapple Express Meds	1	0.1%
241	Pizza Hut	1	0.1%
242	Players	1	0.1%
243	Powerade	1	0.1%
244	Practica	1	0.1%

#	Brand Name	Total	Percent (%)
245	Pringles	1	0.1%
246	Pure Leaf	1	0.1%
247	Quaker	1	0.1%
248	Quest	1	0.1%
249	RBC	1	0.1%
250	Reese's	1	0.1%
251	Rev	1	0.1%
252	Ritz	1	0.1%
253	Rolo	1	0.1%
254	Rothmans	1	0.1%
255	Royal LePage	1	0.1%
256	Rubicon	1	0.1%
257	Rustoleum	1	0.1%
258	San Pellegrino	1	0.1%
259	Sassy Design	1	0.1%
260	Scarborough Mirror	1	0.1%
261	Scotiabank	1	0.1%
262	Seaton House	1	0.1%
263	Sher-e-punjab	1	0.1%
264	Sherwin Williams	1	0.1%
265	Sky Flakes	1	0.1%
266	SlimFast	1	0.1%
267	Smirnoff	1	0.1%
268	Solo	1	0.1%
269	South Street Burger	1	0.1%
270	Squish Extracts	1	0.1%
271	St Stephen's Community House (Meth Bag)	1	0.1%
272	Staples	1	0.1%
273	Starburst	1	0.1%
274	Sunlife	1	0.1%
275	SweetHeart	1	0.1%
276	Thrive	1	0.1%
277	Tiger Sugar	1	0.1%
278	Tremonti	1	0.1%
279	Tropicana	1	0.1%

<i>#</i>	<i>Brand Name</i>	<i>Total</i>	<i>Percent (%)</i>
280	Twix	1	0.1%
281	Unlock	1	0.1%
282	Vedu Neetu	1	0.1%
283	VEGA	1	0.1%
284	Wagon Wheels	1	0.1%
285	Waterbridge	1	0.1%
286	Weed Man	1	0.1%
287	Weiser	1	0.1%
288	Wise Mart	1	0.1%
289	Woodbine Animal Clinic	1	0.1%
290	YOP	1	0.1%
291	Zero	1	0.1%
292	Ziploc	1	0.1%

APPENDIX I
RECYCLABLE LITTER AUDIT
RESULTS



Recyclables found in 2020 Toronto Litter Audit				
Category	Sub-Category	Weight (kg)	Percent (%)	Comment
Paper				
	Newspaper - Daily and Weeklys - Other	0.21	1.3%	
	Corrugated - Pizza Boxes etc.	6.87	43.5%	5.59 (Complete boxes) + 1.28 (Pieces, largely damp)
	Boxboard/Cores	1.15	7.3%	0.32 of total is cigarette boxes
	Magazines and Catalogues	0.08	0.5%	
	Other Paper (includes aseptic containers, molded pulp)	1.46	9.2%	0.47 (Kraft paper)+0.30 (Health Canada tobacco warnings)+0.69 (Other)
Plastics				
	PET Beverage Bottles	1.73	10.9%	
	Laminated/Other Plastic Film and Bags	0.25	1.6%	
	Other Plastic Containers	1.12	7.1%	0.32 (Cold drink cups)+0.31 (Lids)+0.49 (Miscellaneous)
	Single-use plastic cutlery (straws excluded)	0.15	0.9%	
Metals				
	Aluminum Food and Beverage Cans	0.8	5.1%	
	Steel Food and Beverage Cans	0.07	0.4%	
	Other Metal	0.04	0.3%	Steel Aerosol
Glass				
	Clear Glass Alcohol Beverage	0.21	1.3%	
	Coloured Glass Alcohol Beverage	0.04	0.3%	
	Clear and Coloured Glass Other Beverage and Food	1.45	9.2%	
E-waste				
	E-Waste - All-describe	0.18	1.1%	car charger, insulated wire, plug, phone charger cable, e-cigarette
TOTAL		15.81	100.0%	