NOVA SCOTIA

T: 902.835.5560 (24/7)

NEWFOUNDLAND & LABRADOR

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NEW BRUNSWICK

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January 6, 2026

Mr. Steve Copp
Mirror Nova Scotia Limited
600 Otter Lake Drive
Lakeside, NS   B3T 2E2

Dear Mr. Copp,

Re: November 2025 Performance Audit
**   Otter Lake Waste Processing & Disposal Facility**

In November 2025, Strum Consulting was retained by Mirror Nova Scotia Limited (Mirror) to oversee a Performance Audit at the Otter Lake Waste Processing & Disposal Facility (Otter Lake) located at 600 Otter Lake Drive in Lakeside, NS.

The purpose of the Quarterly Performance Audit is to characterize the incoming residential waste stream and assess the percentage of compostable waste in this stream by mass. The audit also captures the incoming percentage of white goods and household hazardous waste (HHW). This report provides a summary of the Performance Audit completed on November 28, 2025.

SUMMARY

Based on 10 samples being collected during the November 2025 Performance Audit, the total compostable waste percentage per area ranged from a minimum of 4.91% to a maximum of 18.29%. The total weighted Compostable Waste Percentage for the November 2025 Audit is calculated to be 9.52%.

Using the combined data collected during the May 2025, August 2025, and November 2025 Performance Audits, the total compostable waste percentage ranged from a minimum of 6.51% to a maximum of 13.32%. For the three quarterly audits completed to date, using the calculated 95% confidence interval, the percentage of Estimated Annual Compostable Waste is calculated to be between 7.71% and 11.84%, with a total weighted Compostable Waste Percentage value of 9.78%. The long-term cumulative goal (i.e., Performance Target) for Otter Lake includes compostable waste not exceeding 10% of the total amount of municipal solid waste landfilled, by mass.

As additional sampling will be completed during future quarterly audits, it is expected that the statistical data will vary as more audit data becomes available.

November 2025 Performance Audit, Otter Lake Waste Processing & Disposal Facility
Mr. Steve Copp
Mirror Nova Scotia Limited

January 6, 2026

Project # 22-8641

BACKGROUND

In March 2022, Nova Scotia Environment & Climate Change (NSECC) issued an updated Municipal Approval for Otter Lake, allowing the Front End Processor and Waste Stabilization Facility (FEP/WSF) to be deactivated upon the submission and acceptance of a Compliance Plan in accordance with the Approval requirements.

As per the Approval, the Performance Targets for Otter Lake include (but are not limited to) a long-term goal of compostable waste not exceeding 10% of the total amount of municipal solid waste landfilled, by mass. In September 2023, NSECC approved the following timeline for working towards this long-term Performance Target of maximum per cent compostable waste in the garbage stream:

- March 31, 2024 - 11.61% Compostable Waste
- March 31, 2025 - 10.81% Compostable Waste
- March 31, 2026 - 10.00% Compostable Waste

The Compliance Plan outlines how Quarterly Performance Audits will be completed as a means to quantify the presence of compostable waste being received in the residential waste stream at Otter Lake. White goods and HHW were added to the audits based on comments received from NSECC after their review of the draft Compliance Plan.

METHODOLOGY

The methodology followed for the November 2025 Performance Audit reflects best practices identified in the Divert NS Waste Audit Manual and Field Procedures Guide (2017), as well as site specific processes established by Halifax Regional Municipality (HRM) and is summarized below.

Sample Load Identification

Residential curbside collection is divided into eight collection areas in HRM and condominium properties which are also considered to be residential. The geographic descriptions of the various areas are described in Table A, below.

Table A: Collection Area Descriptions

Waste Collection Area	Area Description
1	Halifax (former city limits); Spryfield
2	Dartmouth (former city limits)
3	Bedford; Hammonds Plains; Pockwock
4	Beechville-Timberlea; Herring Cove; Prospect; Peggy's Cove; St. Margaret's Bay to Hubbards
5	Sackville; Beaver Bank; Fall River; Waverley, Wellington; Dutch Settlement
6	Cole Harbour; Westphal; Cherry Brook; Eastern Passage; Cow Bay
7	Porters Lake; Lawrencetown; Chezzetcook; Lake Echo; Preston
8	Middle Musquodoboit; Musquodoboit Harbour; Elderbank; Sheet Harbour; Eastern Shore
Condos	Multi-residential style properties located in various communities

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November 2025 Performance Audit, Otter Lake Waste Processing & Disposal Facility
Mr. Steve Copp
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Project # 22-8641

Based on residential curbside collection schedules for each specific collection area and the scheduled audit date and time, sample loads are selected ahead of time by HRM staff. A random number generator is used to choose which vehicle will be sampled.

The Alberta Provincial Waste Characterization Framework (2005) was reviewed and used to guide the number and weight of the samples to be collected. A minimum annual sample number of 40 samples is recommended, and as such, two samples were collected from collection Area 2 and one sample from all other curbside collection areas (Areas 1, 3 - 8, and Condos). To avoid skewing the annual data, any duplicate samples are averaged to give a single value per area for each audit.

The selected loads were visually inspected at the tip face upon arrival and photographs were taken as shown in the attached photo log (Attachment 1). The following information was recorded for each load:

- Collection vehicle and route numbers
- Date/Time of arrival
- Date/Time sample taken
- Gross and tare weight of truck
- Weight of sample
- Number/type of bulky items observed
- Names of persons taking the sample
- Date/Time of sorting

Sample Size
Photographs of the auditing process are provided as Attachment 1. Once emptied from the vehicle, multiple sections of the load were selected in order to draw a sample that was representative of the load. Each sample was to contain a mix of clear and black bags. Containers shown in Photo 1 (Attachment 1) were used to collect a sample between 90 and 135 kg.

Records documenting the identifying information of each vehicle sampled (scale tickets - Attachment 2) and the Performance Audit Record field data sheets (Attachment 3) are also attached to this report.

Material Categories
The categories that were used to define the different types of compostable waste are consistent with the Approval and are outlined below in Table B.

Table B: Compostable Waste Sorting Categories

Category	Sub-Category	Examples
Fibre	Newsprint/Paper	The Chronicle Herald, The Coast, Masthead News, The Cobequid/Dartmouth/Cole Harbour Wire, flyers
	Corrugated Cardboard/Boxboard	Consumer boxes (e.g., from appliances, storage, filing, and shipping)
Organics	Food Waste (Putrescible)	Whole vegetables, fruit, meat, fish, leftover food waste, eggshells, peels, oils, bones, fat, packaged food (if most of it consists of food)
	Yard Waste	Grass, leaves, brush, branches, wood chips, soil

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Materials which did not fall into one of the above noted categories were counted, weighed, and categorized as one of the following:

- Other garbage
- HHW including lead-acid (automotive) batteries, post-consumer paint products, ethylene glycol, used oil, used glycol, used oil filters, glycol containers, and oil containers.
- White goods (items such as toasters, microwaves, and coffee makers that would be mostly composed of metal materials that can be disposed of in garbage bags). It should be noted that the majority of white goods are not marketable from a recycling perspective.

Sorting Procedure

The sorting team consisted of several Mirror staff. All staff were briefed on the sorting protocols, including familiarity with example materials for each sorting category. Strum staff were designated as "Lead" and responsible for quality control and data collection.

The audit space consisted of an open area set up with tables for sorting waste materials, containers clearly labeled for each of the waste categories, and digital scales for weighing the waste materials. The containers used for sorting were weighed prior to commencing the audit and recorded on the data sheets to allow for net sample weights to be determined.

To maintain consistency, the Lead was responsible for weighing and recording the data on dedicated data sheets for each area, each time a container was filled. The process continued for each respective area until the full sample was properly sorted and weighed.

PREVIOUS ASSESSMENTS

A baseline was developed through previous Performance Audits that were completed for the 2022/2023 fiscal year in May 2022 (report dated June 22, 2022), August 2022 (report dated November 4, 2022), November 2022 (report dated February 2, 2023), and February 2023 (report dated April 6, 2023). Using the combined data collected during the 2022/2023 quarterly Performance Audits, the total weighted Compostable Waste Percentage value of 12.41% was found.

Performance Audits for the 2023/2024 fiscal year began in May 2023 (report dated June 26, 2023), with additional audits completed in August 2023 (report dated October 30, 2023), November 2023 (report dated January 9, 2024), and February 2024 (report dated March 18, 2024). Using the combined data collected during the 2023/24 quarterly Performance Audits, the total weighted Compostable Waste Percentage value of 11.64% was found.

Performance Audits for the 2024/25 fiscal year began in May 2024 (report dated June 18, 2024), with additional audits completed in August 2024 (report dated September 24, 2024), and November 2024 (report dated December 4, 2024), and February 2025 (report dated March 17, 2025). Using the combined data collected during the 2024/2025 quarterly Performance Audits, the total weighted Compostable Waste Percentage value of 11.50% was found.

November 2025 Performance Audit, Otter Lake Waste Processing & Disposal Facility   *January 6, 2026*
Mr. Steve Copp
Mirror Nova Scotia Limited   *Project # 22-8641*

Performance Audits for the 2025/26 fiscal year began in May 2025 (report dated June 27, 2025), with an additional audit completed in August 2025 (report dated October 6, 2025). Using the combined data collected during the 2025/2026 quarterly Performance Audits to date, the total weighted Compostable Waste Percentage value of 9.90% was found.

NOVEMBER 2025 PERFORMANCE AUDIT SUMMARY

A summary of the November 2025 Performance Audit completed at Otter Lake is provided below in Table C. The November 2025 Performance Audit field data sheets containing the data collected respective to each waste collection area during the audit are attached to this report as Attachment 3.

Table C: November 2025 Performance Audit Results

Waste Collection Area	Category Percentage (%)							
	Garbage/ Residue	HHW	White Goods	Fibre - Newsprint/ Paper	Fibre - Corrugated Cardboard	Organics - Food/ Putrescible Waste	Organics - Yard Waste	Total Compostable Waste
1	91.95%	0.00%	0.00%	1.84%	4.02%	1.09%	0.00%	6.95%
2A	86.39%	0.00%	1.09%	2.99%	8.16%	0.54%	0.00%	11.70%
2B	88.83%	0.44%	2.43%	1.41%	3.16%	3.01%	0.00%	7.57%
3	85.76%	0.10%	0.00%	5.38%	3.05%	3.57%	0.00%	12.00%
4	94.44%	0.19%	0.00%	1.71%	0.97%	2.22%	0.00%	4.91%
5	90.78%	0.49%	0.00%	3.01%	2.91%	2.14%	0.00%	8.06%
6	91.24%	0.10%	0.00%	2.01%	2.01%	3.40%	0.00%	7.42%
7	82.59%	0.10%	0.00%	1.39%	1.79%	13.33%	0.40%	16.92%
8	76.52%	0.00%	0.00%	6.01%	7.47%	4.81%	0.00%	18.29%
Condos	84.34%	0.00%	0.00%	2.12%	6.92%	3.99%	1.67%	14.70%

Notes:
1. Total compostable waste percentage based on aggregate of four compostable waste category percentages.

Using the data in Table C above, the total compostable waste percentage ranged from a minimum of 4.91% (Area 4) to a maximum of 18.29% (Area 8), based on the 10 samples collected during the November 2025 Performance Audit.

Average Compostable Waste

A summary of the Total Compostable Waste percentage for the May 2025, August 2025, and November 2025 Performance Audits completed at Otter Lake is provided below in Table D. Using this data, the Average Total Compostable Waste percentage was calculated for each area.

Table D: Average Total Compostable Waste

Waste Collection Area	Three Year Waste Average (Tonnes)	May 2025 Total Compostable Waste	August 2025 Total Compostable Waste	November 2025 Total Compostable Waste	Average Total Compostable Waste Per Area
1	9886.00	9.40%	10.05%	6.95%	8.80%
2	6744.75	11.82%	17.70%	9.64%***	13.05%
3	4435.01	5.17%	11.74%**	12.00%	9.64%
4	5337.22	7.58%	12.41%	4.91%	8.30%

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Waste Collection Area	Three Year Waste Average (Tonnes)	May 2025 Total Compostable Waste	August 2025 Total Compostable Waste	November 2025 Total Compostable Waste	Average Total Compostable Waste Per Area
5	8633.03	8.26%*	11.30%	8.06%	9.21%
6	5075.21	5.30%	6.82%	7.42%	6.51%
7	2894.99	2.54%	8.83%	16.92%	9.43%
8	3230.78	9.90%	11.76%	18.29%	13.32%
Condos	2242.28	17.05%	6.95%	14.70%	12.90%

Notes:
1. Data used to calculate three-year average provided by Mirror and included tonnage from the fiscal years 2022/2023, 2023/2024, and 2024/2025.
2. * May 2025 Total Compostable Waste percentage for Area 5 is based on average of the two samples (5A and 5B) collected during the May 2025 waste audit.
3. ** August 2025 Total Compostable Waste percentage for Area 3 is based on average of the two samples (3A and 3B) collected during the August 2025 waste audit.
4. *** November 2025 Total Compostable Waste percentage for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

Based on the data in Table D above, the average total compostable waste percentage ranges from a minimum of 6.51% (Area 6) to a maximum of 13.32% (Area 8).

OVERALL COMPOSTABLE WASTE

November 2025

As shown in Table E below, given the November 2025 total compostable waste percentage per area and the three-year average of waste tonnage per area, the estimated compostable waste tonnage per year has been calculated. Using the total of the Estimated Annual Compostable Waste (4614.15 tonnes) and the three-year waste average total (48479.27 tonnes), the weighted Compostable Waste Percentage is calculated to be 9.52%. Supporting data is provided as Table 1 (Attachment 4).

Table E: Estimated Annual Compostable Waste based on November 2025 Data

Waste Collection Area	Three Year Waste Average (Tonnes)	November 2025 Total Compostable Waste	Estimated Annual Compostable Waste (Tonnes)
1	9886.00	6.95%	687.08
2	6744.75	9.64%*	650.19
3	4435.01	12.00%	532.20
4	5337.22	4.91%	262.06
5	8633.03	8.06%	695.82
6	5075.21	7.42%	376.58
7	2894.99	16.92%	489.83
8	3230.78	18.29%	590.91
Condos	2242.28	14.70%	329.62
Total	**48479.27**	**N/A**	**4614.29**
Compostable Waste Percentage = (4614.15/48479.27) X 100 = 9.52%			

Notes:
1. Data used to calculate three-year average provided by Mirror and included tonnage from the fiscal years 2022/2023, 2023/2024, and 2024/2025.
2. * November 2025 Total Compostable Waste percentage for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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Based on the data in Table E above, the Estimated Annual Compostable Waste per area ranges from a minimum of 261.92 tonnes (Area 4) to a maximum of 695.67 tonnes (Area 5).

May 2025, August 2025, and November 2025

As shown in Table F below, given the average (May 2025, August 2025, and November 2025) total compostable waste percentage per area and the three-year average of waste tonnage per area, the estimated compostable waste tonnage per year has been calculated. Using the totals of the Estimated Annual Compostable Waste (4738.94 tonnes) and the three-year waste average total (48,479.27 tonnes), the weighted Compostable Waste Percentage is calculated to be 9.78%. Supporting data is provided as Table 2 (Attachment 4).

Table F: Estimated Annual Compostable Waste – May 2025, August 2025, and November 2025

Waste Collection Area	Three Year Waste Average (Tonnes)	Three Year Waste Average (% Total)	Average Total Compostable % Per Area	Estimated Annual Compostable Waste (Tonnes)
1	9886.00	20.39%	8.80%	870.33
2	6744.75	13.91%	13.05%	880.30
3	4435.01	9.15%	9.64%	427.36
4	5337.22	11.01%	8.30%	442.96
5	8633.03	17.81%	9.21%	794.91
6	5075.21	10.47%	6.51%	330.62
7	2894.99	5.97%	9.43%	272.98
8	3230.78	6.66%	13.32%	430.30
Condos	2242.28	4.63%	12.90%	289.19
Total	**48479.27**	**100.00%**	**N/A**	**4738.94**
Compostable Waste Percentage = (4738.94/48479.27) X 100 = 9.78%				

Notes:
1. Data used to calculate three-year average provided by Mirror and included tonnage from the fiscal years 2022/2023, 2023/2024, and 2024/2025.

Based on the data in Table F above, the Estimated Annual Compostable Waste per area ranges from a minimum of 272.98 tonnes (Area 7) to a maximum of 880.30 tonnes (Area 2), with a mean of 533.48 tonnes.

DESCRIPTIVE STATISTICS

A descriptive statistical analysis was completed on the Estimated Annual Compostable Waste tonnage and the Estimated Annual Food/Putrescible Waste calculated per area from the November 2025 Performance Audit. The statistical analysis was completed using the Microsoft Excel Analysis ToolPak Descriptive Statistics analysis tool. Supporting data for the statistical analysis is provided as Tables 1 – 4 (Attachment 4).

Compostable Waste

At 95% confidence interval, the Estimated Average Annual Compostable Waste tonnage per area is calculated to be between 415.08 tonnes (lower bound) and 638.02 tonnes (upper bound). The confidence interval was calculated by subtracting/adding the calculated 95% confidence level (111.47) from the mean (526.55 tonnes).

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By multiplying the lower bound (415.08 tonnes) and the upper bound (638.02 tonnes) of the 95% confidence interval by nine (for each area), the Total Estimated Annual Compostable Waste would have a calculated range from 3735.74 tonnes to 5742.14 tonnes. By dividing the lower and upper range of the Total Estimated Annual Compostable Waste by the three-year waste average total (48479.27 tonnes), and multiplying the values by 100%, the percentage of Estimated Annual Compostable Waste is calculated to be between 7.71% and 11.84%.

Food/Putrescible Waste

At 95% confidence interval, the Estimated Average Annual Food/Putrescible Waste tonnage per area is calculated to be between 127.29 tonnes (lower bound) and 217.73 tonnes (upper bound). The confidence interval was calculated by subtracting/adding the calculated 95% confidence level (45.22) from the mean (172.51 tonnes).

By multiplying the lower bound (127.29 tonnes) and the upper bound (217.73 tonnes) of the 95% confidence interval by nine (for each area), the Total Estimated Annual Food/Putrescible Waste would have a calculated range from 1145.64 tonnes to 1959.56 tonnes. By dividing the lower and upper range of the Total Estimated Annual Food/Putrescible Waste by the three-year waste average total (48479.27 tonnes), and multiplying the values by 100%, the percentage of Estimated Annual Food/Putrescible Waste is calculated to be between 2.36% and 4.04%. The estimated annual Food Waste percentage is calculated to be 3.20%. Supporting data is provided as Tables 5 – 8 (Attachment 4).

The above noted statistical analyses are based on a total of 30 samples collected during the May 2025, August 2025, and November 2025 Performance Audits. As additional sampling will be completed during future audits, it is expected that the statistical data will vary as more data becomes available.

CLOSURE

This report was prepared by ██████████████████████████████████
██. Should additional information become available, Strum requests that this information be brought to our attention immediately so that we can reassess the conclusions presented in this report.

This Report and any use of the Report is subject to the terms herein (see attached Statement of Qualifications and Limitations).

If you have any questions, please contact us.

Thank you,

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STATEMENT OF QUALIFICATIONS AND LIMITATIONS

This Report (the "Report") has been prepared by Strum Consulting ("Consultant") for the benefit of Mirror Nova Scotia Limited ("Client") in accordance with the agreement between Consultant and Client, including the scope of work detailed therein (the "Agreement").

The information, data, recommendations, and conclusions contained in the Report (collectively, the "Information"):

- is subject to the scope, schedule, and other constraints and limitations in the Agreement and the qualifications contained in the Report (the "Limitations")
- represents Consultant's professional judgement in light of the Limitations and industry standards for the preparation of similar reports
- may be based on information provided to consultant which has not been independently verified
- has not been updated since the date of issuance of the Report and its accuracy is limited to the time period and circumstances in which it was collected, processed, made or issued
- must be read as a whole and sections thereof should not be read out of such context
- was prepared for the specific purposes described in the Report and the Agreement
- in the case of subsurface, environmental, or geotechnical conditions, may be based on limited testing and on the assumption that such conditions are uniform and not variable either geographically or over time

Consultant shall be entitled to rely upon the accuracy and completeness of information that was provided and has no obligation to update such information. Consultant accepts no responsibility for any events or circumstances that may have occurred since the date on which the Report was prepared and, in the case of subsurface, environmental, or geotechnical conditions, is not responsible for any variability in such conditions, geographically or over time.

Consultant agrees that the Report represents its professional judgement as described above and that the Information has been prepared for the specific purpose and use described in the Report and the Agreement, but Consultant makes no other representations, or any guarantees or warranties whatsoever, whether express or implied, with respect to the Report, the Information or any part thereof.

The Report is to be treated as confidential and may not be used or relied upon by third parties, except:

- as agreed in writing by Consultant and Client
- as required by law
- for use by governmental reviewing agencies

Consultant accepts no responsibility, and denies any liability whatsoever, to parties other than Client who may obtain access to the Report or the Information for any injury, loss, or damage suffered by such parties arising from their use of, reliance upon, or decisions or actions based on the Report or any of the Information ("improper use of the Report"), except to the extent those parties have obtained the prior written consent of Consultant to use and rely upon the Report and the Information. Any damages arising from improper use of the Report or parts thereof shall be borne by the party making such use.

ATTACHMENT 1
PHOTOGRAPH LOG

Photo 1: Waste audit sample collected from HRM collection Area 1.
Photo taken on November 28, 2025.

Photo 2: Newsprint/paper waste collected from HRM collection Area 1.
Photo taken on November 28, 2025.

Photo 3: Food waste sample of HRM collection Area 1.
Photo taken on November 28, 2025.

Photo 4: Old, corrugated containers (OCC) waste sorted from HRM collection Area 1.
Photo taken on November 28, 2025.

Photo 5: Waste audit sample collected from HRM collection Area 2A.
Photo taken on November 21, 2025.

Photo 6: Newsprint/paper waste sample from HRM collection Area 2A.
Photo taken on November 28, 2025.

Photo 7: White goods sample collected from HRM collection Area 2A.
Photo taken on November 28, 2025.

Photo 8: OCC waste sample collected from HRM collection Area 2A.
Photo taken on November 28, 2025.

Photo 9: Waste collection pile from HRM collection Area 2B (extra load). Photo taken on November 17, 2025.

Photo 10: White goods sample collected from HRM collection Area 2B (extra load). Photo taken on November 28, 2025.

Photo 11: OCC waste bin of HRM collection Area 2B (extra load). Photo taken on November 28, 2025.

Photo 12: Food waste bin sorted from HRM collection Area 2B (extra load). Photo taken on November 28, 2025.

Photo 13: Waste collection pile from HRM collection Area 3.
Photo taken on November 21, 2025.

Photo 14: Hazardous waste sample collected from HRM collection Area 3.
Photo taken on November 28, 2025.

Photo 15: Newsprint/paper waste bin of HRM collection Area 3.
Photo taken on November 28, 2025.

Photo 16: Food waste bin sorted from HRM collection Area 3.
Photo taken on November 28, 2025.

Photo 17: Waste collection vehicle unloading waste collected from HRM Area 4. Photo taken on November 19, 2025.

Photo 18: Hazardous waste audit sample from HRM collection Area 4. Photo taken on November 28, 2025.

Photo 19: Food waste sorted from HRM collection Area 4. Photo taken on November 28, 2025.

Photo 20: OCC waste sorted from HRM collection Area 4. Photo taken on November 28, 2025.

Photo 21: Waste collection vehicle unloading waste collected from HRM Area 5.
Photo taken on November 13, 2025.

Photo 22: Paper waste bin sample from HRM collection Area 5.
Photo taken on November 28, 2025.

Photo 23: OCC waste sorted from HRM collection Area 5.
Photo taken on November 28, 2025.

Photo 24: Food waste bin sorted from HRM collection Area 5.
Photo taken on November 28, 2025.

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Photo 25: Waste collection vehicle unloading waste collected from HRM Area 6.
Photo taken on November 14, 2025.

Photo 26: Food waste bin separated from HRM collection Area 6.
Photo taken on November 28, 2025.

Photo 27: OCC waste bin separated from HRM collection Area 6.
Photo taken on November 28, 2025.

Photo 28: Paper waste bin separated from HRM collection Area 6.
Photo taken on November 28, 2025.

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Photo 29: Waste collection pile from HRM Area 7.
Photo taken on November 18, 2025.

Photo 30: Yard waste bin sample from HRM collection Area 7.
Photo taken on November 28, 2025.

Photo 31: Paper waste bin separated from HRM collection Area 7.
Photo taken on November 28, 2025.

Photo 32: Food waste bin sample from HRM collection Area 7.
Photo taken on November 28, 2025.

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Photo 33 Waste collection pile from HRM Area 8.
Photo taken on November 20, 2025.

Photo 34: Food waste bin sample from HRM collection Area 8.
Photo taken on November 28, 2025.

Photo 35: Paper waste bin separated from HRM collection Area 8.
Photo taken on November 28, 2025.

Photo 36: OCC waste bin sample from HRM collection Area 8.
Photo taken on November 28, 2025.

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Photo 37: Waste collection pile from HRM Area 9 (condos). Photo taken on November 28, 2025.

Photo 38: Paper waste bin sample from HRM collection Area 9 (condos). Photo taken on November 28, 2025.

Photo 39: OCC waste bin separated from HRM collection Area 9 (condos). Photo taken on November 28, 2025.

Photo 40: Yard waste bin sample from HRM collection Area 9 (condos). Photo taken on November 28, 2025.

ATTACHMENT 2
SCALE TICKETS

Halifax Regional Municipality

Scale Slip: 107101
11/12/2025 11:47:28

Clerk: Shelley

Vehicle ID:	RE3012
License Plate:	62794D
Waste Type:	residential
Origin:	HALIFAX
Invoice:	0400927
	Royal Environmental Group

Gross Weight:	24,730 (kg)
Tare Weight:	16,790 (kg)
Net Weight:	7,940 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip:	107291
	11/20/2025 11:54:26
Clerk:	DMS

Vehicle ID:	RE2104	Gross Weight:	22,050	(kg)
License Plate:	44-091-D	Tare Weight:	16,050	(kg)
Waste Type:	residential	Net Weight:	6,000	(kg)
Origin:	DARTMOUTH			
Invoice:	0400927			$0.00
	Royal Environmental Group	Total:		$0.00

Halifax Regional Municipality

Scale Slip:	107204
	11/17/2025 12:21:12
Clerk:	Shelley

Vehicle ID:	RE2087	Gross Weight:	24,610 (kg)
License Plate:	44-077-D	Tare Weight:	16,060 (kg)
Waste Type:	residential	Net Weight:	8,550 (kg)
Origin:	DARTMOUTH		
Invoice:	0400927		$0.00
	Royal Environmental Group	Total:	$0.00

Halifax Regional Municipality

Scale Slip: 107323
11/21/2025 12:10:24
Clerk: DMS

Vehicle ID: RE1036
License Plate: 62-558-D
Waste Type: residential
Origin: BEDFORD/HAMMONDS PLAINS

Gross Weight: 24,030 (kg)
Tare Weight: 16,530 (kg)
Net Weight: 7,500 (kg)

Invoice: 0400927
Royal Environmental Group

$0.00
Total: $0.00

Halifax Regional Municipality

Scale Slip:	107284
	11/19/2025 17:00:40
Clerk:	Shelley

Vehicle ID:	GFL012
License Plate:	45357D
Waste Type:	residential
Origin:	WESTERN COUNTY

Gross Weight:	26,740 (kg)
Tare Weight:	16,930 (kg)
Net Weight:	9,810 (kg)

Invoice:	0402150
	GFL Environmental Inc

	$0.00
Total:	$0.00

Halifax Regional Municipality

Scale Slip:	107131
	11/13/2025 11:44:34
Clerk:	DMS

Vehicle ID:	RE3013
License Plate:	62795D
Waste Type:	residential
Origin:	SACKVILLE/FALL RIVER
Invoice:	0400927
	Royal Environmental Group

Gross Weight:	25,780 (kg)
Tare Weight:	16,970 (kg)
Net Weight:	8,810 (kg)

	$0.00
Total:	$0.00

Halifax Regional Municipality

Scale Slip:	107185
	11/14/2025 14:59:33
Clerk:	DMS

Vehicle ID:	RE4034
License Plate:	65203D
Waste Type:	residential
Origin:	COLE HARBOUR/EASTERN PASSAGE
Invoice:	0400927
	Royal Environmental Group

Gross Weight:	26,040 (kg)
Tare Weight:	16,860 (kg)
Net Weight:	9,180 (kg)

	$0.00
Total:	$0.00

Halifax Regional Municipality

Scale Slip: 107243
11/18/2025 13:56:59

Clerk: Shelley

Vehicle ID:	MW9524
License Plate:	56246D
Waste Type:	residential
Origin:	PRESTON/LAWRENCETOWN/LK ECHO
Invoice:	0188466
	MILLER WASTE SYSTEMS

Gross Weight: 26,790 (kg)
Tare Weight: 17,110 (kg)
Net Weight: 9,680 (kg)

    $0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 107296
11/20/2025 12:32:15

Clerk: DMS

Vehicle ID: ES9109

License Plate: 5175D

Waste Type: residential

Origin: EASTERN COUNTY

Invoice: 0028092
EASTERN SHORE CARTAGE

Gross Weight: 21,220 (kg)

Tare Weight: 16,340 (kg)

Net Weight: 4,880 (kg)

    $0.00

Total: $0.00

Halifax Regional Municipality

Vehicle ID: GFL050

License Plate: 41212D

Waste Type: residential

Origin: HALIFAX CONDOS

Invoice: 0402150
                GFL Environmental Inc

Gross Weight: 19,350 (kg)

Tare Weight: 16,210 (kg)

Net Weight: 3,140 (kg)

                                  $0.00

Total: $0.00

ATTACHMENT 3
FIELD DATA SHEETS

Performance Audit Record

Date 28-Nov-25

Name of Supervisor ████████

Area 1

Number of Sorters 4

Weighscale Ticket Information

Truck Number/ID	RE3012
Collection Area	Halifax
Date	12-Nov-25
Ticket Time	11:47:28
Gross Weight	24,730 KG
Tare Weight	16,790 KG
Net Weight	7,940 KG

Weigth of Gross Sample 137.0 KG

Weight of Tote Bin 50.0 KG

Net Sample of Trash 87.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 28-Nov-25

Sample Audit Time Started 12:59 PM

Sample Audit Time Completed 1:21 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	50.0	130.0	-	-	80.0	91.95
Fibre - Newsprint/Paper	2.20	2.05	1.75	-	1.60	1.84
Fibre - OCC	3.30	3.80	1.30	1.70	3.50	4.02
Food/Putrescible Waste	2.20	1.70	1.45	-	0.95	1.09
Yard Waste	-	-	-	-	-	-
HHW	-	-	-	-	-	-
White Goods	-	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting				0.00	
	137.0					

Notes:

Performance Audit Record

Date 28-Nov-25

Name of Supervisor ███████████

Area 2A

Number of Sorters 4

Weighscale Ticket Information

Truck Number/ID	RE2104
Collection Area	Dartmouth
Date	20-Nov-25
Ticket Time	11:54:26
Gross Weight	22,050 KG
Tare Weight	16,050 KG
Net Weight	6,000 KG

Weigth of Gross Sample 124.0 KG

Weight of Tote Bin 50.5 KG

Date of Audit of Sample 11/28/25

Net Sample of Trash 73.5 KG

Sample Audit Time Started 11:03 AM

Number of Bulkies Observed -

Sample Audit Time Completed 11:24 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	50.5	114.0	-	-	63.5	86.39
Fibre - Newsprint/Paper	2.20	1.70	2.70	-	2.20	2.99
Fibre - OCC	2.20	2.85	2.95	2.40	6.00	8.16
Food/Putrescible Waste	1.10	1.50	-	-	0.40	0.54
Yard Waste	-	-	-	-	-	-
HHW	-	-	-	-	-	-
White Goods	1.10	1.90	-	-	0.80	1.09
Lost or Gained Mass	Combined Weight Following Sorting				0.40	
	124.5					

Notes: First weight noted from Fibre - OCC was weighed with no bin.

Performance Audit Record

Date   28-Nov-25

Name of Supervisor   ███████

Area   2B

Number of Sorters   4

Weighscale Ticket Information

Truck Number/ID	RE2087
Collection Area	Dartmouth
Date	17-Nov-25
Ticket Time	12:21:12
Gross Weight	24,610 KG
Tare Weight	16,060 KG
Net Weight	8,550 KG

Weigth of Gross Sample   153.0 KG

Weight of Tote Bin   50.0 KG

Date of Audit of Sample   28-Nov-25

Net Sample of Trash   103.0 KG

Sample Audit Time Started   1:23 PM

Number of Bulkies Observed   -

Sample Audit Time Completed   1:48 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	50.0	141.5	-	-	91.5	88.83
Fibre - Newsprint/Paper	2.20	1.50	2.15	-	1.45	1.41
Fibre - OCC	3.30	2.60	2.05	1.90	3.25	3.16
Food/Putrescible Waste	1.10	4.20	-	-	3.10	3.01
Yard Waste	-	-	-	-	-	-
HHW	1.10	1.55	-	-	0.45	0.44
White Goods	1.10	3.60	-	-	2.50	2.43
Lost or Gained Mass	Combined Weight Following Sorting				-0.33	
	152.5					

Notes:

Performance Audit Record

Date 28-Nov-25

Name of Supervisor ██████████

Area 3

Number of Sorters 4

Weighscale Ticket Information

Truck Number/ID	RE1036
Collection Area	Bedford/Hammonds Plains
Date	21-Nov-25
Ticket Time	12:10:24
Gross Weight	24,030 KG
Tare Weight	16,530 KG
Net Weight	7,500 KG

Weigth of Gross Sample 156.0 KG

Weight of Tote Bin 51.0 KG

Date of Audit of Sample 28-Nov-25

Net Sample of Trash 105.0 KG

Sample Audit Time Started 8:34 AM

Number of Bulkies Observed -

Sample Audit Time Completed 9:10 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	51.0	141.05	-	-	90.05	85.76
Fibre - Newsprint/Paper	3.3	2.95	2.50	3.50	5.65	5.38
Fibre - OCC	2.2	2.95	2.45	-	3.20	3.05
Food/Putrescible Waste	1.1	4.85	-	-	3.75	3.57
Yard Waste	-	-	-	-	-	-
HHW	1.1	1.20	-	-	0.10	0.10
White Goods	-	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting				-0.32	
	155.5					

Notes:

Performance Audit Record

Date   28-Nov-25

Name of Supervisor   ███████

Area   4

Number of Sorters   4

Weighscale Ticket Information

Truck Number/ID	GFL012
Collection Area	Western County
Date	19-Nov-25
Ticket Time	17:00:40
Gross Weight	26,740 KG
Tare Weight	16,930 KG
Net Weight	9,810 KG

Weigth of Gross Sample   158.5 KG

Weight of Tote Bin   50.5 KG

Date of Audit of Sample   28-Nov-25

Net Sample of Trash   108.0 KG

Sample Audit Time Started   10:31 AM

Number of Bulkies Observed   -

Sample Audit Time Completed   10:54 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.5	152.5	-	102.0	94.44
Fibre - Newsprint/Paper	1.1	2.95	-	1.85	1.71
Fibre - OCC	1.1	2.15	-	1.05	0.97
Food/Putrescible Waste	1.1	3.50	-	2.40	2.22
Yard Waste	-	-	-	-	-
HHW	2.2	1.10	1.30	0.20	0.19
White Goods	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting			0.00	
	158.5				

Notes:

Performance Audit Record

Date   28-Nov-25   **Name of Supervisor** ████████

Area   5   **Number of Sorters**   4

Weighscale Ticket Information

Truck Number/ID	RE3013	
Collection Area	Sackville/ Fall River	
Date	13-Nov-25	
Ticket Time	11:44:34	
Gross Weight	25,780 KG	KG
Tare Weight	16,970 KG	KG
Net Weight	8,810 KG	KG

Weigth of Gross Sample   152.5 KG

Weight of Tote Bin   49.5 KG   **Date of Audit of Sample**   28-Nov-25

Net Sample of Trash   103.0 KG   **Sample Audit Time Started**   1:50 PM

Number of Bulkies Observed   -   **Sample Audit Time Completed**   2:15 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	49.5	143.0	-	93.5	90.78
Fibre - Newsprint/Paper	2.2	2.20	3.10	3.10	3.01
Fibre - OCC	2.2	2.90	2.30	3.00	2.91
Food/Putrescible Waste	1.1	3.30	-	2.20	2.14
Yard Waste	-	-	-	-	-
HHW	1.1	1.60	-	0.50	0.49
White Goods	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting			0.00	
	152.5				

Notes:

Performance Audit Record

Date 28-Nov-25

Name of Supervisor ███████

Area 6

Number of Sorters 4

Weighscale Ticket Information

Truck Number/ID	RE4034
Collection Area	Cole Harbour/ Eastern Passage
Date	14-Nov-25
Ticket Time	14:59:33
Gross Weight	26,040 KG
Tare Weight	16,860 KG
Net Weight	9,180 KG

Weigth of Gross Sample 147.0 KG

Weight of Tote Bin 50.0 KG

Date of Audit of Sample 28-Nov-25

Net Sample of Trash 97.0 KG

Sample Audit Time Started 11:20 AM

Number of Bulkies Observed -

Sample Audit Time Completed 11:44 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.0	138.5	-	88.5	91.24
Fibre - Newsprint/Paper	2.2	2.15	2.00	1.95	2.01
Fibre - OCC	2.2	2.30	1.85	1.95	2.01
Food/Putrescible Waste	2.2	4.20	1.30	3.30	3.40
Yard Waste	-	-	-	-	-
HHW	1.1	1.20	-	0.10	0.10
White Goods	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting			0.00	
	147.0				

Notes:

Performance Audit Record

Date 28-Nov-25

Name of Supervisor ███████

Area 7

Number of Sorters 4

Weighscale Ticket Information

Truck Number/ID	MW9524
Collection Area	Preston/ Lawrencetown/Lake Echo
Date	18-Nov-25
Ticket Time	13:56:59
Gross Weight	26,790 KG
Tare Weight	17,110 KG
Net Weight	9,680 KG

Weigth of Gross Sample 150.5 KG

Weight of Tote Bin 50.0 KG

Date of Audit of Sample 28-Nov-25

Net Sample of Trash 100.5 KG

Sample Audit Time Started 11:26 AM

Number of Bulkies Observed -

Sample Audit Time Completed 11:51 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.0	133.0	-	83.0	82.59
Fibre - Newsprint/Paper	2.2	1.40	2.20	1.40	1.39
Fibre - OCC	2.2	2.10	1.90	1.80	1.79
Food/Putrescible Waste	1.1	14.50	-	13.40	13.33
Yard Waste	1.1	1.50	-	0.40	0.40
HHW	1.1	1.20	-	0.10	0.10
White Goods	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting			-0.33	
	150.0				

Notes:

Performance Audit Record

Date   28-Nov-25   **Name of Supervisor**   ███████

Area   8   **Number of Sorters**   4

Weighscale Ticket Information

Truck Number/ID	ES9109
Collection Area	Eastern County
Date	20-Nov-25
Ticket Time	12:32:15
Gross Weight	21,220 KG
Tare Weight	16,340 KG
Net Weight	4,880 KG

Weigth of Gross Sample   127.5 KG

Weight of Tote Bin   48.5 KG   **Date of Audit of Sample**   28-Nov-25

Net Sample of Trash   79.0 KG   **Sample Audit Time Started**   9:14 AM

Number of Bulkies Observed -   **Sample Audit Time Completed** 9:39 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	48.5	108.95	-	-	60.45	76.52
Fibre - Newsprint/Paper	2.2	3.70	3.25	-	4.75	6.01
Fibre - OCC	3.3	3.05	2.55	3.60	5.90	7.47
Food/Putrescible Waste	1.1	4.90	-	-	3.80	4.81
Yard Waste	-	-	-	-	-	-
HHW	-	-	-	-	-	-
White Goods	-	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting				0.00	
	127.5					

Notes:

Performance Audit Record

Date   28-Nov-25

Name of Supervisor   ████████

Area   Condos

Number of Sorters   4

Weighscale Ticket Information

Truck Number/ID	GFL050
Collection Area	Halifax Condos
Date	19-Nov-25
Ticket Time	14:10:13
Gross Weight	19,350 KG
Tare Weight	16,210 KG
Net Weight	3,140 KG

Weigth of Gross Sample   149.0 KG

Weight of Tote Bin   50.0 KG

Date of Audit of Sample   28-Nov-25

Net Sample of Trash   99.0 KG

Sample Audit Time Started   9:41 AM

Number of Bulkies Observed   -

Sample Audit Time Completed   10:29 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)			Net Sample (KG)	Compostables (%)
		1	2	3		
Garbage/Residue	50.0	133.5	-	-	83.5	84.34
Fibre - Newsprint/Paper	1.1	3.20	-	-	2.10	2.12
Fibre - OCC	3.3	3.40	3.30	3.45	6.85	6.92
Food/Putrescible Waste	2.2	3.50	2.65	-	3.95	3.99
Yard Waste	1.1	2.75	-	-	1.65	1.67
HHW	-	-	-	-	-	-
White Goods	-	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting				0.00	
	149.0					

Notes:

ATTACHMENT 4
SUPPORTING DATA

Waste Collection Area	% Organics From November 28, 2025 Waste Audit	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Compostable Waste (Tonnes)
1	6.95%	9886.00	687.47
2	9.64%	6744.75	649.97
3	12.00%	4435.01	532.20
4	4.91%	5337.22	261.92
5	8.06%	8633.03	695.67
6	7.42%	5075.21	376.72
7	16.92%	2894.99	489.70
8	18.29%	3230.78	590.95
Condos	14.70%	2242.28	329.55
TOTAL		**48479.27**	**4614.15**

Mean	10.99%	-	512.68
Min	4.91%	-	261.92
Max	18.29%	-	695.67

Compostable Waste Percentage	(4614.15/48479.27)*100% = 9.52%

Notes: % Organic for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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C O N S U L T I N G

Waste Collection Area	% Organics From May 28, 2025 Waste Audit	% Organics From August 27, 2025 Waste Audit	% Organics From November 28, 2025 Waste Audit	% Organics Average	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Compostable Waste (Tonnes)
1	9.40%	10.05%	6.95%	8.80%	9886.00	870.33
2	11.82%	17.70%	9.64%	13.05%	6744.75	880.30
3	5.17%	11.74%	12.00%	9.64%	4435.01	427.36
4	7.58%	12.41%	4.91%	8.30%	5337.22	442.96
5	8.26%	11.30%	8.06%	9.21%	8633.03	794.91
6	5.30%	6.82%	7.42%	6.51%	5075.21	330.62
7	2.54%	8.83%	16.92%	9.43%	2894.99	272.98
8	9.90%	11.76%	18.29%	13.32%	3230.78	430.30
Condos	17.05%	6.95%	14.70%	12.90%	2242.28	289.19
				TOTAL	48479.27	4738.94

Mean	10.13%	-	526.55
Min	6.51%	-	272.98
Max	13.32%	-	880.30

Compostable Waste Percentage	(4738.94/48479.27)*100% = 9.78%

Notes:

1. % Organic for Area 5 is based on average of the two samples (5A and 5B) collected during the May 2025 waste audit.

2. % Organic for Area 3 is based on average of the two samples (3A and 3B) collected during the August 2025 waste audit.

3. % Organic for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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Audit	Waste Collection Area	% Organics	Average Waste Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Compostable Waste (Tonnes)
May 2025 Performance Audit	1	9.40%	9886.00	929.68
	2	11.82%	6744.75	797.11
	3	5.17%	4435.01	229.23
	4	7.58%	5337.22	404.41
	5	8.26%	8633.03	713.14
	6	5.30%	5075.21	269.10
	7	2.54%	2894.99	73.64
	8	9.90%	3230.78	319.85
	Condos	17.05%	2242.28	382.24
August 2025 Performance Audit	1	10.05%	9886.00	993.83
	2	17.70%	6744.75	1193.82
	3	11.74%	4435.01	520.66
	4	12.41%	5337.22	662.55
	5	11.30%	8633.03	975.91
	6	6.82%	5075.21	346.04
	7	8.83%	2894.99	255.59
	8	11.76%	3230.78	380.09
	Condos	6.95%	2242.28	155.78
November 2025 Performance Audit	1	6.95%	9886.00	687.47
	2	9.64%	6744.75	649.97
	3	12.00%	4435.01	532.20
	4	4.91%	5337.22	261.92
	5	8.06%	8633.03	695.67
	6	7.42%	5075.21	376.72
	7	16.92%	2894.99	489.70
	8	18.29%	3230.78	590.95
	Condos	14.70%	2242.28	329.55
	Mean	10.13%	-	526.55
	Min	2.54%	-	73.64
	Max	18.29%	-	1193.82

Notes:
1. % Organic for Area 5 is based on average of the two samples (5A and 5B) collected during the May 2025 waste audit.
2. % Organic for Area 3 is based on average of the two samples (3A and 3B) collected during the August 2025 waste audit.
3. % Organic for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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Mean	526.5486373
Standard Error	54.22779038
Median	489.699801
Mode	#N/A
Standard Deviation	281.7758644
Sample Variance	79397.63774
Kurtosis	-0.218526118
Skewness	0.623797218
Range	1120.176268
Minimum	73.64448246
Maximum	1193.82075
Sum	14216.81321
Count	27
Confidence Level(95.0%)	111.4668195
Upper Confidence Interval	638.0154568
Lower Confidence Interval	415.0818178

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C O N S U L T I N G

Waste Collection Area	% Food Waste From November 28, 2025 Waste Audit	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Food Waste (Tonnes)
1	1.09%	9886.00	107.95
2	1.78%	6744.75	119.85
3	3.57%	4435.01	158.39
4	2.22%	5337.22	118.60
5	2.14%	8633.03	184.39
6	3.40%	5075.21	172.66
7	13.33%	2894.99	386.00
8	4.81%	3230.78	155.40
Condos	3.99%	2242.28	89.46
TOTAL		**48479.27**	**1492.72**

Mean	4.04%	-	165.86
Min	1.09%	-	89.46
Max	13.33%	-	386.00

Food Waste Percentage	(1492.72/48479.27)*100% = 3.08%

Notes: % Food waste for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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C O N S U L T I N G

Table 6: Average Total Food Waste Percentage Per Area (May 2025, August 2025, and November 2025)   *Project # 22-8641*

Waste Collection Area	% Food Waste From May 28, 2025 Waste Audit	% Food Waste From August 27, 2025 Waste Audit	% Food Waste From November 28, 2025 Waste Audit	% Food Waste Average	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Food Waste (Tonnes)
1	2.91%	2.22%	1.09%	2.08%	9886.00	205.24
2	5.82%	4.30%	1.78%	3.97%	6744.75	267.43
3	1.87%	5.72%	3.57%	3.72%	4435.01	165.05
4	1.94%	5.52%	2.22%	3.23%	5337.22	172.17
5	2.20%	4.93%	2.14%	3.09%	8633.03	266.52
6	1.58%	1.00%	3.40%	1.99%	5075.21	101.22
7	0.53%	2.61%	13.33%	5.49%	2894.99	158.96
8	4.20%	0.34%	4.81%	3.12%	3230.78	100.65
Condos	9.13%	2.32%	3.99%	5.14%	2242.28	115.35
				TOTAL	48479.27	1552.60

Mean	3.54%	-	172.51
Min	1.99%	-	100.65
Max	5.49%	-	267.43

Food Waste Percentage	(1552.60/48479.27)*100% = 3.20%

Notes:

1. % Food waste for Area 5 is based on average of the two samples (5A and 5B) collected during the May 2025 waste audit.

2. % Food waste for Area 3 is based on average of the two samples (3A and 3B) collected during the August 2025 waste audit.

3. % Food waste for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

Audit	Waste Collection Area	% Food Waste	Average Waste Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Compostable Waste (Tonnes)
May 2025 Performance Audit	1	2.91%	9886.00	288.07
	2	5.82%	6744.75	392.42
	3	1.87%	4435.01	83.05
	4	1.94%	5337.22	103.45
	5	2.20%	8633.03	189.77
	6	1.58%	5075.21	80.26
	7	0.53%	2894.99	15.24
	8	4.20%	3230.78	135.69
	Condos	9.13%	2242.28	204.66
August 2025 Performance Audit	1	2.22%	9886.00	219.69
	2	4.30%	6744.75	290.02
	3	5.72%	4435.01	253.71
	4	5.52%	5337.22	294.47
	5	4.93%	8633.03	425.40
	6	1.00%	5075.21	50.75
	7	2.61%	2894.99	75.63
	8	0.34%	3230.78	10.86
	Condos	2.32%	2242.28	51.93
November 2025 Performance Audit	1	1.09%	9886.00	107.95
	2	1.78%	6744.75	119.85
	3	3.57%	4435.01	158.39
	4	2.22%	5337.22	118.60
	5	2.14%	8633.03	184.39
	6	3.40%	5075.21	172.66
	7	13.33%	2894.99	386.00
	8	4.81%	3230.78	155.40
	Condos	3.99%	2242.28	89.46
Mean		3.54%	-	172.51
Min		0.34%	-	10.86
Max		13.33%	-	425.40

Notes:
1. % Food waste for Area 5 is based on average of the two samples (5A and 5B) collected during the May 2025 waste audit.
2. % Food waste for Area 3 is based on average of the two samples (3A and 3B) collected during the August 2025 waste audit.
3. % Food waste for Area 2 is based on average of the two samples (2A and 2B) collected during the November 2025 waste audit.

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Mean	172.5112482
Standard Error	21.99802407
Median	155.4046076
Mode	#N/A
Standard Deviation	114.3050861
Sample Variance	13065.6527
Kurtosis	-0.200052447
Skewness	0.739353927
Range	414.5359165
Minimum	10.85976471
Maximum	425.3956812
Sum	4657.803701
Count	27
Confidence Level(95.0%)	45.21758606
Upper Confidence Interval	217.7288342
Lower Confidence Interval	127.2936621

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C O N S U L T I N G