strum CONSULTING

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July 23, 2026

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

Dear Mr. Copp,

Re: May 2026 Performance Audit
Otter Lake Waste Processing & Disposal Facility

In May 2026, 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 May 27, 2026.

SUMMARY

Based on 10 samples collected during the May 2026 Performance Audit, the total compostable waste percentage per area ranged from a minimum of 6.11% to a maximum of 29.10%. The total weighted Compostable Waste Percentage for the May 2026 Audit is calculated to be 13.70%.

Using the calculated 95% confidence interval, the percentage of Estimated Annual Compostable Waste is calculated to be between 3.75% and 23.65%.

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.

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

As the compostable waste percentage continues to decrease year on year, quarterly audits will continue and work towards the long-term Performance Target of 10.00%.

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 May 2026 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

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 3 and one sample from all other curbside collection areas (Areas 1 – 2, 4 – 7, 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 5 (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

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.

Performance Audits for the 2025/26 fiscal year began in May 2025 (report dated June 27, 2025), with additional audits completed in August 2025 (report dated October 6, 2025), November 2025 (report dated

January 6, 2026), and February 2026 (report dared March 23, 2026). Using the combined data collected during the 2025/2026 quarterly Performance Audits, the total weighted Compostable Waste Percentage value of 10.35% was found.

MAY 2026 PERFORMANCE AUDIT SUMMARY

A summary of the May 2026 Performance Audit completed at Otter Lake is provided below in Table C. The May 2026 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: May 2026 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	72.96%	0.13%	0.25%	10.44%	4.91%	9.94%	0.00%	25.28%
2	92.93%	0.00%	0.61%	1.77%	1.41%	2.93%	0.00%	6.11%
3A	90.43%	0.05%	0.05%	1.29%	1.53%	5.41%	0.00%	8.23%
3B	89.33%	0.34%	2.25%	1.40%	2.75%	3.09%	0.00%	7.25%
4	89.16%	4.93%	0.00%	2.56%	2.96%	1.03%	0.00%	6.55%
5	89.10%	0.13%	0.00%	1.99%	2.31%	6.41%	0.00%	10.71%
6	86.03%	0.00%	0.56%	2.38%	6.43%	3.25%	0.48%	12.54%
7	79.47%	0.07%	4.57%	1.39%	7.15%	6.29%	0.00%	14.83%
8	87.67%	0.14%	0.37%	0.82%	1.74%	8.31%	0.73%	11.60%
Condos	70.48%	0.00%	0.12%	2.71%	2.17%	22.95%	1.27%	29.10%

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 6.11% (Area 2) to a maximum of 29.10% (Condos), based on the ten samples collected during the May 2026 Performance Audit.

OVERALL COMPOSTABLE WASTE

As shown in Table E below, given the May 2026 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 (6615.39 tonnes) and the three-year waste average total (48277.99 tonnes), the weighted Compostable Waste Percentage is calculated to be 13.70%. Supporting data is provided as Table 1 (Attachment 4).

Table E: Estimated Annual Compostable Waste based on May 2026 Data

Waste Collection Area	Three Year Waste Average (Tonnes)	May 2026 Total Compostable Waste	Estimated Annual Compostable Waste (Tonnes)
1	9942.79	25.28%	2513.84
2	6626.90	6.11%	404.98
3	4464.10	7.74%*	345.45
4	5318.23	6.55%	348.44
5	8584.02	10.71%	918.93
6	5055.07	12.54%	633.89
7	2807.73	14.83%	416.51
8	3205.33	11.60%	371.76
Condos	2273.82	29.10%	661.60
Total	**48277.99**	**N/A**	**6615.39**
Compostable Waste Percentage = (6615.39/48277.99) X 100 = 13.70%			

Notes:
1. Data used to calculate three-year average provided by Mirror and included tonnage from the fiscal years 2023/2024, 2024/2025, and 2025/2026.
2. * May 2026 Total Compostable Waste percentage for Area 3 is based on average of the two samples (3A and 3B) collected during the November 2025 waste audit.

Based on the data in Table E above, the Estimated Annual Compostable Waste per area ranges from a minimum of 345.45 tonnes (Area 3) to a maximum of 2513.84 tonnes (Area 1).

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 May 2026 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 201.30 tonnes (lower bound) and 1268.78 tonnes (upper bound). The confidence interval was calculated by subtracting/adding the calculated 95% confidence level (533.74) from the mean (735.044 tonnes).

By multiplying the lower bound (201.30 tonnes) and the upper bound (1268.78 tonnes) of the 95% confidence interval by nine (for each area), the Total Estimated Annual Compostable Waste would have a calculated range from 1811.74 tonnes to 11419.04 tonnes. By dividing the lower and upper range of the Total Estimated Annual Compostable Waste by the three-year waste average total (48277.99 tonnes), and multiplying the values by 100%, the percentage of Estimated Annual Compostable Waste is calculated to be between 3.75% and 23.65%.

Food/Putrescible Waste

At 95% confidence interval, the Estimated Average Annual Food/Putrescible Waste tonnage per area is calculated to be between 120.24 tonnes (lower bound) and 570.09 tonnes (upper bound). The confidence

interval was calculated by subtracting/adding the calculated 95% confidence level (224.93) from the mean (345.16 tonnes).

By multiplying the lower bound (120.24 tonnes) and the upper bound (570.09 tonnes) of the 95% confidence interval by nine (for each area), the Total Estimated Annual Food/Putrescible Waste would have a calculated range from 1082.14 tonnes to 5130.79 tonnes. By dividing the lower and upper range of the Total Estimated Annual Food/Putrescible Waste by the three-year waste average total (48277.99 tonnes), and multiplying the values by 100%, the percentage of Estimated Annual Food/Putrescible Waste is calculated to be between 2.24% and 10.63%. The estimated annual Food Waste percentage is calculated to be 6.43%.

The above noted statistical analyses are based on a total of 10 samples collected during the May 2026 Performance Audit. 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 [redacted], and was reviewed by [redacted] 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,

[redacted]

[redacted]

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

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

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ATTACHMENT 1
PHOTOGRAPH LOG

Photo 1: Waste collection vehicle unloading waste from HRM collection Area 1.
Photo taken on May 11, 2026.

Photo 2: Newsprint/paper waste collected from HRM collection Area 1.
Photo taken on May 27, 2026.

Photo 3: Household Hazardous Waste (HHW) waste sample of HRM Area 1.
Photo taken on May 27, 2026.

Photo 4: Old, corrugated containers (OCC) waste sorted from HRM collection Area 1.
Photo taken on May 27, 2026.

Photo 5: Waste collection pile collected from HRM collection Area 2.
Photo taken on May 27, 2026.

Photo 6: Newsprint/paper waste sample from HRM collection Area 2.
Photo taken on May 27, 2026.

Photo 7: White goods sample collected from HRM collection Area 2.
Photo taken on May 27, 2026.

Photo 8: Food waste sample collected from HRM collection Area 2.
Photo taken on May 27, 2026.

Photo 9: Waste collection pile from HRM collection Area 3A.
Photo taken on May 19, 2026.

Photo 10: Food waste sample collected from HRM collection Area 3A.
Photo taken on May 27, 2026.

Photo 11: OCC waste bin of HRM collection Area 3A.
Photo taken on May 27, 2026.

Photo 12: Newsprint/paper waste bin sorted from HRM collection Area 3A.
Photo taken on May 27, 2026.

Photo 13: Waste collection pile from HRM collection Area 3B (extra load).
Photo taken on May 22, 2026.

Photo 14: White goods waste sample collected from HRM Area 3B (extra load).
Photo taken on May 27, 2026.

Photo 15: Newsprint/paper waste bin of HRM collection Area 3B (extra load).
Photo taken on May 27, 2026.

Photo 16: Food waste bin sorted from HRM collection Area 3B (extra load).
Photo taken on May 27, 2026.

Photo 17: Waste collection vehicle unloading waste collected from HRM Area 4.
Photo taken on May 16, 2026.

Photo 18: Newsprint/paper waste audit sample from HRM collection Area 4.
Photo taken on May 27, 2026.

Photo 19: OCC waste sorted from HRM collection Area 4.
Photo taken on May 27, 2026.

Photo 20: HHW sorted from HRM collection Area 4.
Photo taken on May 27, 2026.

Photo 21: Waste collection pile collected from HRM Area 5.
Photo taken on May 14, 2026.

Photo 22: OCC waste bin sample from HRM collection Area 5.
Photo taken on May 27, 2026.

Photo 23: Paper waste sorted from HRM collection Area 5.
Photo taken on May 27, 2026.

Photo 24: HHW waste bin sorted from HRM collection Area 5.
Photo taken on May 27, 2026.

Photo 25: Waste collection pile collected from HRM Area 6.
Photo taken on May 13, 2026.

Photo 26: OCC waste bin separated from HRM collection Area 6.
Photo taken on May 27, 2026.

Photo 27: White goods waste bin separated from HRM collection Area 6.
Photo taken on May 27, 2026.

Photo 28: Yard waste bin separated from HRM collection Area 6.
Photo taken on May 27, 2026.

Photo 29: Waste collection vehicle unloading waste collected from HRM Area 7.
Photo taken on May 20, 2026.

Photo 30: White goods waste bin sample from HRM collection Area 7.
Photo taken on May 27, 2026.

Photo 31: OCC waste bin separated from HRM collection Area 7.
Photo taken on May 27, 2026.

Photo 32: Food waste bin sample from HRM collection Area 7.
Photo taken on May 27, 2026.

Photo 33: Waste collection pile from HRM Area 8.
Photo taken on May 20, 2026.

Photo 34: Food waste bin sample from HRM collection Area 8.
Photo taken on May 27, 2026.

Photo 35: Paper waste bin separated from HRM collection Area 8.
Photo taken on May 27, 2026.

Photo 36: OCC waste bin sample from HRM collection Area 8.
Photo taken on May 27, 2026.

Photo 37: Waste collection pile from HRM Area 9.
Photo taken on May 22, 2026.

Photo 38: Food waste bin sample from HRM collection Area 9.
Photo taken on May 27, 2026.

Photo 39: Yard waste bin separated from HRM collection Area 9.
Photo taken on May 27, 2026.

Photo 40: OCC waste bin sample from HRM collection Area 9.
Photo taken on May 27, 2026.

ATTACHMENT 2
SCALE TICKETS

Halifax Regional Municipality

Scale Slip: 111049
05/11/2026 13:33:18
Clerk: DMS

Vehicle ID: RE1034
License Plate: 62-889-D
Waste Type: residential
Origin: HALIFAX
Invoice: 0400927
Royal Environmental Group

Gross Weight: 22,740 (kg)
Tare Weight: 16,610 (kg)
Net Weight: 6,130 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip:	111321
	05/21/2026 07:08:46
Clerk:	Shelley

Vehicle ID:	RE1039
License Plate:	57-419-D
Waste Type:	residential
Origin:	DARTMOUTH
Invoice:	0400927
	Royal Environmental Group

Gross Weight:	19,880 (kg)	
Tare Weight:	17,000 (kg)	
Net Weight:	2,880 (kg)	
		$0.00
Total:		$0.00

Halifax Regional Municipality

Scale Slip: 111252
05/19/2026 11:37:27
Clerk: DMS

Vehicle ID: RE2087
License Plate: 44-077-D
Waste Type: residential
Origin: BEDFORD/HAMMONDS PLAINS
Invoice: 0400927
Royal Environmental Group

Gross Weight: 24,750 (kg)
Tare Weight: 16,080 (kg)
Net Weight: 8,670 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 111350
05/22/2026 11:38:47
Clerk: Shelley

Vehicle ID: RE2087
License Plate: 44-077-D
Waste Type: residential
Origin: BEDFORD/HAMMONDS PLAINS
Invoice: 0400927
Royal Environmental Group

Gross Weight: 23,750 (kg)
Tare Weight: 16,090 (kg)
Net Weight: 7,660 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 111238
05/16/2026 15:52:17
Clerk: Shelley

Vehicle ID: GFL011
License Plate: 45355D
Waste Type: residential
Origin: WESTERN COUNTY
Invoice: 0402150
GFL Environmental Inc

Gross Weight: 27,170 (kg)
Tare Weight: 16,980 (kg)
Net Weight: 10,190 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 111158
05/14/2026 12:37:30
Clerk: Shelley

Vehicle ID: RE2014
License Plate: 62796D
Waste Type: residential
Origin: SACKVILLE/FALL RIVER
Invoice: 0400927
Royal Environmental Group

Gross Weight: 25,450 (kg)
Tare Weight: 16,830 (kg)
Net Weight: 8,620 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 111119
05/13/2026 12:19:39
Clerk: DMS

Vehicle ID: RE9056
License Plate: 58-029-D
Waste Type: residential
Origin: COLE HARBOUR/EASTERN PASSAGE
Invoice: 0400927
Royal Environmental Group

Gross Weight: 23,620 (kg)
Tare Weight: 16,920 (kg)
Net Weight: 6,700 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip: 111296
05/20/2026 13:04:11
Clerk: DMS

Vehicle ID: ES4070
License Plate: 69330D
Waste Type: residential
Origin: EASTERN COUNTY
Invoice: 0028092
EASTERN SHORE CARTAGE

Gross Weight: 23,880 (kg)
Tare Weight: 16,410 (kg)
Net Weight: 7,470 (kg)

$0.00
Total: $0.00

Collected may 20, only one
Truck showed up on the 19th

Halifax Regional Municipality

Scale Slip: 111288
05/20/2026 12:01:46
Clerk: DMS

Vehicle ID: MW6830
License Plate: 56483D
Waste Type: residential
Origin: PRESTON/LAWRENCETOWN/LK ECHO
Invoice: 0188466
MILLER WASTE SYSTEMS

Gross Weight: 23,670 (kg)
Tare Weight: 20,940 (kg)
Net Weight: 2,730 (kg)

$0.00

Total: $0.00

Halifax Regional Municipality

Scale Slip:	111368
	05/22/2026 14:37:04
Clerk:	Shelley

Vehicle ID:	RE9080
License Plate:	52-242-D
Waste Type:	residential
Origin:	DARTMOUTH CONDOS
Invoice:	0400927
	Royal Environmental Group

Gross Weight:	21,240 (kg)	
Tare Weight:	16,670 (kg)	
Net Weight:	4,570 (kg)	
		$0.00
Total:		$0.00

ATTACHMENT 3
FIELD DATA SHEETS

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 1

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE1034
Collection Area	Halifax
Date	05/11/2026
Ticket Time	13:33:18
Gross Weight	22,740 KG
Tare Weight	16,610 KG
Net Weight	6,130 KG

Weigth of Gross Sample 130.0 KG

Weight of Tote Bin 50.5 KG

Net Sample of Trash 79.5 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 10:35 AM

Sample Audit Time Completed 11:05 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.5	108.5	-	58.0	72.96
Fibre - Newsprint/Paper	2.20	2.40	8.10	8.30	10.44
Fibre - OCC	2.20	2.85	3.25	3.90	4.91
Food/Putrescible Waste	1.10	9.00	-	7.90	9.94
Yard Waste	-	-	-	-	-
HHW	1.10	1.20	-	0.10	0.13
White Goods	2.20	1.20	1.20	0.20	0.25
Lost or Gained Mass	**Combined Weight Following Sorting**			-0.38	
	129.5				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 2

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE1039
Collection Area	Dartmouth
Date	05/21/2026
Ticket Time	7:08:46
Gross Weight	19,880 KG
Tare Weight	17,000 KG
Net Weight	2,880 KG

Weigth of Gross Sample 148.0 KG

Weight of Tote Bin 49.0 KG

Net Sample of Trash 99.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 11:05 AM

Sample Audit Time Completed 11:40 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	49.0	141.0	-	92.0	92.93
Fibre - Newsprint/Paper	2.20	1.90	2.05	1.75	1.77
Fibre - OCC	1.10	2.50	-	1.40	1.41
Food/Putrescible Waste	1.10	4.00	-	2.90	2.93
Yard Waste	-	-	-	-	-
HHW	-	-	-	-	-
White Goods	1.10	1.70	-	0.60	0.61
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	148.0				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 3A

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE2087
Collection Area	Bedford/Hammonds Plains
Date	05/19/2026
Ticket Time	11:37:27
Gross Weight	24,750 KG
Tare Weight	16,080 KG
Net Weight	8,670 KG

Weigth of Gross Sample 154.5 KG

Weight of Tote Bin 50.0 KG

Net Sample of Trash 104.5 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 11:40 AM

Sample Audit Time Completed 12:05 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.0	144.50	-	94.50	90.43
Fibre - Newsprint/Paper	2.2	1.95	1.60	1.35	1.29
Fibre - OCC	2.2	2.10	1.70	1.60	1.53
Food/Putrescible Waste	2.2	5.75	2.10	5.65	5.41
Yard Waste	-	-	-	-	-
HHW	1.1	1.15	-	0.05	0.05
White Goods	1.1	1.15	-	0.05	0.05
Lost or Gained Mass	**Combined Weight Following Sorting**			-0.65	
	153.5				

Notes: A rat was removed from the waste bin and not included with the final weight.

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 3B

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE2087
Collection Area	Bedford/Hammonds Plains
Date	05/22/2026
Ticket Time	11:38:47
Gross Weight	23,750 KG
Tare Weight	16,090 KG
Net Weight	7,660 KG

Weigth of Gross Sample 138.5 KG

Weight of Tote Bin 49.5 KG

Net Sample of Trash 89.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 1:10PM

Sample Audit Time Completed 1:35 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	49.5	129.0	-	79.5	89.33
Fibre - Newsprint/Paper	2.20	1.65	1.80	1.25	1.40
Fibre - OCC	2.20	2.85	1.80	2.45	2.75
Food/Putrescible Waste	2.20	1.75	3.20	2.75	3.09
Yard Waste	-	-	-	-	-
HHW	1.10	1.40	-	0.30	0.34
White Goods	1.10	3.10	-	2.00	2.25
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	138.5				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 4

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	GFL011
Collection Area	Western County
Date	05/16/2026
Ticket Time	15:52:17
Gross Weight	27,170 KG
Tare Weight	16,980 KG
Net Weight	10,190 KG

Weigth of Gross Sample 156.0 KG

Weight of Tote Bin 54.5 KG

Net Sample of Trash 101.5 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 8:50 AM

Sample Audit Time Completed 9:25 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	54.5	145.0	-	90.5	89.16
Fibre - Newsprint/Paper	2.2	2.00	2.80	2.60	2.56
Fibre - OCC	2.2	3.60	1.60	3.00	2.96
Food/Putrescible Waste	2.2	1.80	1.45	1.05	1.03
Yard Waste	-	-	-	-	-
HHW	1.1	6.10	-	5.00	4.93
White Goods	-	-	-	-	-
Lost or Gained Mass	Combined Weight Following Sorting			0.00	
	156.0				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 5

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE2014
Collection Area	Sackville/ Fall River
Date	05/14/2026
Ticket Time	12:37:30
Gross Weight	25,450 KG
Tare Weight	16,830 KG
Net Weight	8,620 KG

Weigth of Gross Sample 134.5 KG

Weight of Tote Bin 56.5 KG

Net Sample of Trash 78.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 11:15 AM

Sample Audit Time Completed 11:45 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	56.5	126.0	-	69.5	89.10
Fibre - Newsprint/Paper	2.2	2.05	1.70	1.55	1.99
Fibre - OCC	2.2	1.65	2.35	1.80	2.31
Food/Putrescible Waste	1.1	6.10	-	5.00	6.41
Yard Waste	-	-		-	-
HHW	1.1	1.20		0.10	0.13
White Goods	-	-	-	-	-
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	134.5				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 6

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE9056
Collection Area	Cole Harbour/ Eastern Passage
Date	05/13/2026
Ticket Time	12:19:39
Gross Weight	23,620 KG
Tare Weight	16,920 KG
Net Weight	6,700 KG

Weigth of Gross Sample 113.0 KG

Weight of Tote Bin 50.0 KG

Net Sample of Trash 63.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 9:50 AM

Sample Audit Time Completed 10:35 AM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	50.0	104.0	0.2	54.2	86.03
Fibre - Newsprint/Paper	2.2	1.60	2.10	1.50	2.38
Fibre - OCC	2.2	1.65	4.60	4.05	6.43
Food/Putrescible Waste	1.1	3.15	-	2.05	3.25
Yard Waste	1.1	1.40	-	0.30	0.48
HHW	-	-	-	-	-
White Goods	1.1	1.45	-	0.35	0.56
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	113.0				

Notes: 0.2Kg of garbage sorted out of paper bin following weighing.

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 7

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	MW6830
Collection Area	Preston/ Lawrencetown/Lake Echo
Date	05/20/2026
Ticket Time	12:01:46
Gross Weight	23,670 KG
Tare Weight	20,940 KG
Net Weight	2,730 KG

Weigth of Gross Sample 125.0 KG

Weight of Tote Bin 49.5 KG

Net Sample of Trash 75.5 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 12:35 PM

Sample Audit Time Completed 1:10 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	49.5	109.5	-	60.0	79.47
Fibre - Newsprint/Paper	1.1	2.15	-	1.05	1.39
Fibre - OCC	2.2	3.95	3.65	5.40	7.15
Food/Putrescible Waste	1.1	5.85	-	4.75	6.29
Yard Waste	-	-	-	-	-
HHW	1.1	1.15	-	0.05	0.07
White Goods	1.1	4.55	-	3.45	4.57
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	125.0				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area 8

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	ES4070
Collection Area	Eastern County
Date	05/20/2026
Ticket Time	13:04:11
Gross Weight	23,880 KG
Tare Weight	16,410 KG
Net Weight	7,470 KG

Weigth of Gross Sample 158.0 KG

Weight of Tote Bin 48.5 KG

Net Sample of Trash 109.5 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 2:05 PM

Sample Audit Time Completed 2:35 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	48.5	144.50	-	96.0	87.67
Fibre - Newsprint/Paper	1.1	2.00	-	0.90	0.82
Fibre - OCC	1.1	3.00	-	1.90	1.74
Food/Putrescible Waste	2.2	3.40	7.90	9.10	8.31
Yard Waste	1.1	1.90	-	0.80	0.73
HHW	1.1	1.25	-	0.15	0.14
White Goods	1.1	1.50	-	0.40	0.37
Lost or Gained Mass	**Combined Weight Following Sorting**			0.00	
	158.0				

Notes:

Performance Audit Record

Date 27-May-26

Name of Supervisor [redacted]

Area Condos

Number of Sorters 5

Weighscale Ticket Information

Truck Number/ID	RE9080
Collection Area	Dartmouth Condos
Date	05/22/2026
Ticket Time	14:37:04
Gross Weight	21,240 KG
Tare Weight	16,670 KG
Net Weight	4,570 KG

Weigth of Gross Sample 129.0 KG

Weight of Tote Bin 46.0 KG

Net Sample of Trash 83.0 KG

Number of Bulkies Observed -

Date of Audit of Sample 27-May-26

Sample Audit Time Started 1:35 PM

Sample Audit Time Completed 2:05 PM

Material	Empty Bin Weight (KG)	Total Separated Sample Weights (KG)		Net Sample (KG)	Compostables (%)
		1	2		
Garbage/Residue	46.0	104.5	-	58.5	70.48
Fibre - Newsprint/Paper	2.2	1.60	2.85	2.25	2.71
Fibre - OCC	2.2	1.60	2.40	1.80	2.17
Food/Putrescible Waste	2.2	8.55	12.70	19.05	22.95
Yard Waste	1.1	2.15	-	1.05	1.27
HHW	-	-	-	-	-
White Goods	1.1	1.20	-	0.10	0.12
Lost or Gained Mass	**Combined Weight Following Sorting**			-0.39	
	128.5				

Notes:

ATTACHMENT 4
SUPPORTING DATA

Table 1: Total Compostable Waste Percentage Per Area (May 2026) ***Project # 22-8641***

Waste Collection Area	% Organics From May 27, 2026 Waste Audit	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Compostable Waste (Tonnes)
1	25.28%	9942.79	2513.84
2	6.11%	6626.90	404.98
3	7.74%	4464.10	345.45
4	6.55%	5318.23	348.44
5	10.71%	8584.02	918.93
6	12.54%	5055.07	633.89
7	14.83%	2807.73	416.51
8	11.60%	3205.33	371.76
Condos	29.10%	2273.82	661.60
	TOTAL	**48277.99**	**6615.39**

Mean	13.83%	-	735.04
Min	6.11%	-	345.45
Max	29.10%	-	2513.84

Compostable Waste Percentage	(6615.39/48277.99)*100% = 13.70%

Notes:

1. % Organic for Area 3 is based on average of the two samples (3A and 3B) collected during the May 2026 waste audit.

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Table 2: Compostable Waste Descriptive Statistics (May 2026) *Project # 22-8641*

Mean	735.04
Standard Error	231.46
Median	416.51
Mode	#N/A
Standard Deviation	694.37
Sample Variance	482147.26
Kurtosis	7.06
Skewness	2.59
Range	2168.39
Minimum	345.45
Maximum	2513.84
Sum	6615.39
Count	9
Confidence Level(95.0%)	533.74
Upper Confidence Interval	1268.78
Lower Confidence Interval	201.30

Table 3: Total Food Waste Percentage Per Area (May 2026) *Project # 22-8641*

Waste Collection Area	% Food Waste From May 27, 2026 Waste Audit	Average Based On Previous Three Fiscal Years (Tonnes)	Estimated Annual Food Waste (Tonnes)
1	9.94%	9942.79	988.03
2	2.93%	6626.90	194.12
3	4.25%	4464.10	189.65
4	1.03%	5318.23	55.02
5	6.41%	8584.02	550.26
6	3.25%	5055.07	164.49
7	6.29%	2807.73	176.65
8	8.31%	3205.33	266.38
Condos	22.95%	2273.82	521.88
	TOTAL	**48277.99**	**3106.47**

Mean	7.26%	**-**	345.16
Min	1.03%	**-**	55.02
Max	22.95%	**-**	988.03

Food Waste Percentage	(3106.47/48277.99)*100% = 6.43%

Notes:

1. % Food waste for Area 3 is based on average of the two samples (3A and 3B) collected during the May 2026 waste audit.

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Table 4: Food Waste Descriptive Statistics (May 2026) *Project # 22-8641*

Mean	345.16
Standard Error	97.54
Median	194.12
Mode	#N/A
Standard Deviation	292.62
Sample Variance	85624.69
Kurtosis	2.14
Skewness	1.52
Range	933.01
Minimum	55.02
Maximum	988.03
Sum	3106.47
Count	9
Confidence Level(95.0%)	224.93
Upper Confidence Interval	570.09
Lower Confidence Interval	120.24