

# CITY OF ONTARIO



Cost-of-Service Study Update:  
FY 2025/2026

**August 18, 2025**





**HF&H Consultants**

590 Ygnacio Valley Rd. Suite 105  
Walnut Creek, CA 94596  
Phone: (925) 977-6950  
Web: hfh-consultants.com

August 18, 2025

Michael Sigsbee  
Utilities Assistant General Manager - Administration and Customer Service  
City of Ontario  
1425 S Bon View Ave  
Ontario, CA 91761

Sent via email: msigsbee@ci.ontario.ca.us

Subject: Cost-of-Service Study Update: FY 2025/2026

Dear Michael Sigsbee,

HF&H Consultants, LLC (HF&H) is pleased to submit this Cost-of-Service (COS) report to the City of Ontario (City). The report is organized beginning with determining how much projected revenue is needed from solid waste rates during the next five fiscal years (FY), FY 2025/26 through FY 2029/30. The report describes how the collection, processing, and disposal costs are apportioned between residential, commercial, and roll-off customers. The report concludes with a discussion of the rate design that is appropriate for each customer's class to ensure that customers are paying their proportionate share.

The report reflects input from the City's staff in refining the rates. The resulting rate increases are necessary because the cost of collecting solid waste, recycling, and organic materials has increased and the allocation of overhead costs (human resources, IT, administration) has increased from prior years.

\* \* \* \*

HF&H is pleased to have had the opportunity to assist the City with this study and would like to thank you for your support during the project.

If you have any questions, please call Rick Simonson directly at (925) 977-6957.

Sincerely,  
HF&H CONSULTANTS, LLC

Rick Simonson  
Senior Vice President

Danielle R. Derby  
Senior Associate





# CONTENTS

**EXECUTIVE SUMMARY ..... 1**  
Proposition 218 ..... 1  
Study Purpose and Objectives..... 1  
Findings and Recommendations ..... 1  
Implementation ..... 5

**SECTION 1. INTRODUCTION..... 6**  
Study Purpose ..... 6  
Billing Procedures and Current Rates ..... 6  
Legal Requirements..... 9

**SECTION 2. REVENUE REQUIREMENT PROJECTIONS ..... 11**  
Expense Projections ..... 11  
Revenue Increases ..... 12

**SECTION 3. COST-OF-SERVICE STUDY..... 13**  
Methodology ..... 13  
FY 2025/26 Cost-of-Service ..... 14

**SECTION 4. RATE DESIGN – 2025 COST-OF-SERVICE ..... 15**  
Fixed Collection Costs ..... 15  
Volumetric (Variable) Collection Costs ..... 16  
Disposal Collection Costs..... 22  
Summary of the Cost-of-Service Rates ..... 23

**SECTION 5. IMPLEMENTATION..... 26**



# FIGURES

|   |    |
|---|----|
| Figure ES-1. Proposed Rate Revenue Increases .....                                | 2  |
| Figure ES-2. Current Rate Revenue Compared with COS (FY 2025/26).....             | 2  |
| Figure ES-3. Current and COS Monthly Residential Rates .....                      | 3  |
| Figure ES-4. Current and COS Monthly Commercial Cart and Bin Rates .....          | 3  |
| Figure ES-5. Current and COS Per Pull Roll-Off Rates.....                         | 3  |
| Figure ES-6: Current and Proposed Monthly Residential Rates – Phased Approach ... | 4  |
| Figure ES-7: Current and Proposed Monthly Commercial Rates – Phased Approach..    | 4  |
| Figure ES-8: Current and Proposed Per Pull Roll-Off Rates – Phased Approach ..... | 4  |
| Figure ES-9: Projected Reserve Fund Balance - FY 2024/25 Through FY 2034/35 ....  | 5  |
| Figure 1-1. Current Cart and Roll-Off Rates.....                                  | 7  |
| Figure 1-2. Current Monthly Bin Rates.....  | 8  |
| Figure 2-1. Inflation Factors & Spend Factors .....                               | 11 |
| Figure 2-2. Projected Expenses for FY 2025/26 through FY 2029/30 .....            | 11 |
| Figure 2-3. Projected Reserve Fund Balance with No Rate Increases (2026-2030)     | 12 |
| Figure 2-4. Projected Expenses and Revenue at Proposed Revenue Increases .....    | 12 |
| Figure 3-1. FY 2025/26 Net Revenue Requirement by Customer Class .....            | 14 |
| Figure 3-2. Current Rate Revenue Compared to COS .....                            | 14 |
| Figure 4-1. Cost-of-Service Overview .....  | 15 |
| Figure 4-2. Fixed Collection Costs.....   | 16 |
| Figure 4-3. Cart Services Equivalent Container Factors .....                      | 17 |
| Figure 4-4. Bin Services Equivalent Container Factors.....                        | 17 |
| Figure 4-5. Roll-Off Equivalent Container Factors .....                           | 18 |
| Figure 4-6. Cart Equivalent Container Units.....                                  | 18 |
| Figure 4-7. Bin Equivalent Container Units .....                                  | 19 |
| Figure 4-8. Roll-Off Equivalent Container Units .....                             | 20 |
| Figure 4-9. Cart Variable Collection Costs per Month .....                        | 20 |
| Figure 4-10A. Solid Waste Variable Route Collection Costs – Bins .....            | 21 |
| Figure 4-10B. Recyclable Materials Variable Route Collection Costs – Bins.....    | 21 |
| Figure 4-10C. Organics Variable Route Collection Costs – Bins .....               | 21 |
| Figure 4-11. Variable Route Collection Costs – Roll-Off.....                      | 21 |
| Figure 4-12A. Solid Waste Disposal Costs – Carts .....                            | 22 |
| Figure 4-12B. Recyclable Materials Processing Costs – Carts.....                  | 22 |
| Figure 4-12C. Organic Materials Processing Costs – Carts .....                    | 22 |
| Figure 4-12D. Solid Waste Disposal Costs – Bins.....                              | 23 |





|   |    |
|---|----|
| Figure 4-12E. Recyclable Materials Processing Costs – Bins .....            | 23 |
| Figure 4-12F. Organic Materials Processing Costs – Bins.....                | 23 |
| Figure 4-13. Cart Customers Monthly Rates .....                             | 24 |
| Figure 4-14. Bin Customer Monthly Rates .....                               | 24 |
| Figure 4-15. Roll-Off Collection Cost-of-Service Rates .....                | 25 |
| Figure 5-1. Current and COS Monthly Residential Rates .....                 | 26 |
| Figure 5-2. Current and COS Monthly Commercial Rates .....                  | 26 |
| Figure 5-3. Current and COS Per Pull Roll-Off Rates .....                   | 26 |
| Figure 5-4. Current and Phased Monthly Residential Rates .....              | 27 |
| Figure 5-5. Current and Phased Monthly Commercial Rates .....               | 27 |
| Figure 5-6. Current and Phased Per Pull Roll-Off Rates.....                 | 27 |
| Figure 5-7: Projected Reserve Balance – FY 2024/25 Through FY 2034/35 ..... | 28 |

## ATTACHMENTS

- A. Summary of COS Rate Model
- B. Summary of Allocation Factors
- C. Summary of FY 25/26 COS Rates
- D. Summary of FY 25/26 Phased COS Rates
- E. Summary of FY 26/27 Phased COS Rates
- F. Summary of FY 27/28 Phased COS Rates
- G. Systematic Revenue Increase Summary
- H. Cart (All Materials) ECU Calculation
- I. Solid Waste Bin ECU Calculation
- J. Recycling Bin ECU Calculation
- K. Organics Bin ECU Calculation
- L. Roll-Off ECU Calculation
- M. Cart (All Materials) COS Rate Calculation
- N. Solid Waste Bin COS Rate Calculation
- O. Recycling Bin COS Rate Calculation
- P. Organics Bin COS Rate Calculation
- Q. Roll-Off COS Rate Calculation



## GLOSSARY

|                     |   |
|---------------------|---|
| Bin                 | Container provided by the City that is usually made from metal. The City provides its bin customers with solid waste, recycling, and organics collection service at varying frequencies in a range of container sizes to meet each customer's needs. These customers are charged a monthly rate based on their subscription level or a per pick-up rate for on-call services. |
| Cart                | Container provided by the City that is usually made from plastic with wheels for portability. The City provides its cart customers with solid waste collection in either 32-, 64-, or 96-gallon carts. The City also provides collection in recycling and organic carts at the same sizes to residential and commercial customers.  |
| Compactor Factor    | Refers to additional time needed for the driver to service the compactor, including time to disconnect and reconnect the electrical or other power sources.   |
| COS                 | Cost-of-Service   |
| Disposal Site       | Refers to the El Sobrante Landfill. The City has a contract with Waste Management for the disposal of its municipal solid waste delivered from the Transfer Facility.   |
| ECF                 | Equivalent Container Factor   |
| ECU                 | Equivalent Container Unit   |
| Fixed Costs         | Costs independent of the subscribed volume of service. These costs are borne equally by rate payers regardless and do not change with increase or decrease in the collection operation.   |
| Frequency Surcharge | Additional cost for receiving service multiple times per week. Routing is negatively impacted when trucks must return to areas previously serviced.   |
| FY                  | Fiscal Year   |
| MRF                 | Material Recovery Facility  |
| Organics            | Refers primarily to food, green material, landscape and/or pruning waste.   |
| Processor           | Refers to Burrtec Waste Industries, the contracted processor of the City's recyclable materials at its West Valley Transfer Station / MRF.  |
| Roll-Off            | Container provided by the City that is made from metal. The City provides its roll-off customers with solid waste, recycling, construction and demolition, or green waste collection service in a   |



range of container sizes to meet each customer's needs. These customers are charged a per-pickup rate for on-call or scheduled services based on their debris box size (e.g., 10 cubic yard bin, 20 cubic yard compactor bin, and 40 cubic yard self-contained compactor bin).

|                |  |
|----------------|--|
| SB 1383        | California law to reduce short-lived climate pollutants, including methane. Reduction of organic waste disposal is a primary component resulting in new yard and food waste recycling organics programs effective January 1, 2022. |
| SFR            | Single-Family Residential  |
| Variable Costs | Refers to the costs associated with the size of the container subscribed to by residential or commercial customers. These costs scale as operations increase or decrease with the collection operation.                            |

## **LIMITATIONS**

This study was prepared solely for the City of Ontario (City) in accordance with the contract between the City and HF&H and is not intended for use by any other party for any other purpose.

In preparing this study, HF&H relied on information from the City which we consider to be accurate and reliable and did not independently verify.

The cost-of-service model and accompanying analyses contain projections of revenues and expenditures based on various assumptions and estimates. While we reviewed these projections with City staff for reasonableness, actual results of operations will usually differ from projections because events and circumstances do not always occur as expected. Those differences may be significant and materially affect the analyses and findings presented in this report.

Rounding differences caused by stored values in electronic models may exist.

This study addresses relevant laws, regulations, and court decisions but should not be relied upon as legal advice. Questions concerning the interpretation of legal authorities referenced in this study should be referred to a qualified attorney.



## Executive Summary

The City of Ontario (City) Public Works Department Integrated Waste division oversees solid waste, recycling, and organics collection services to the City's residents and businesses. In addition, the Ontario Municipal Utilities Company Utility Customer Services division bills for the collection services along with the water and sewer services provided in the City.

The City provides all residential and commercial solid waste, recycling, and organics collection and related transportation, material processing, and disposal services to the City's residential and commercial customers.

### PROPOSITION 218

Rates for collection services are subject to article XIII D, section 6 of the California constitution, which was added by Proposition 218 in 1996. Article XIII D, section 6 requires that: (1) revenues derived from fees or charges for property-related services do not exceed the cost to provide service; (2) revenues derived from fees or charges are not be used for any purpose other than that for which it was imposed; (3) the amount of a fee or charge imposed not exceed the proportional cost of the service attributable to the parcel; (4) no fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property; and, (5) no fee or charge may be imposed for general governmental services. The analysis conducted in support of this study was conducted in consultation with the City and its legal counsel.

### STUDY PURPOSE AND OBJECTIVES

The purpose of this rate study is to conduct a comprehensive analysis of the City's collection rates, including documentation of the analysis, underlying assumptions, and the rationale for the recommended rates.

This study has several key objectives:

1. Determine revenue that is necessary to meet the City's requirements, including operations and maintenance, capital improvement, and meeting reserve targets.
2. Determine the cost of service attributable to each customer, based upon the subscribed service level.
3. Ensure that the proposed rate structure is compatible with Proposition 218 mandates and update previous rate phasing.

These objectives are met by applying industry best practices and by complying with all applicable laws.

### FINDINGS AND RECOMMENDATIONS

In preparing this collections rate update, the following findings were made.



1. **Operating Cost Increases.** The City's collection operations increased ~\$1.5M for additional labor and disposal costs from the FY 2025/26 revenue requirement utilized in the previous cost-of-service study.

Allocated cost for administrative programs, such as human resources, information technology, vehicles, and administrative labor, increases a combined ~\$6.5M from the FY 2025/26 revenue requirement utilized in the previous cost-of-service study. Additionally, the street sweeping program has increased costs from the projected FY 2025/26 revenue requirement by ~\$1M.

2. **Projected Revenue Requirement Increases Needed.** The cost-of-service (COS) study projects the revenue requirement to cover current and project costs to provide solid waste collection services. The revenue requirement changes year over year as capital expenditures for replacement vehicles fluctuate and new programs are implemented. Refer to Figure ES-1 for a summary of the change in revenue requirement over the next five years.

**Figure ES-1. Proposed Rate Revenue Increases**

|                                 | FY 2025/26 | FY 2026/27 | FY 2027/28 | FY 2028/29 | FY 2029/30 |
|---------------------------------|------------|------------|------------|------------|------------|
| Annual Increase in Rate Revenue | 10.4%      | 3.3%       | 12.0%      | 7.2%       | 4.2%       |

Note, the percentage changes in revenue requirement needed does indicate a uniform adjustment to all rates. A COS analysis was done (see Section 4 of this report) to apportion costs to each customer class and service level within each of those customer classes. As a result, some service level rates will increase, and some will decrease if the City chose to adjust all rates to meet the COS.

3. **FY 2025/26 Revenue Increases by Customer Class.** Customer classes for the purpose of this study are Residential, Commercial, and Roll-off customers. Residential customers only receive service in Carts, Commercial customers may receive service in either Carts or Bins, and Roll-Off customers only receive service in Roll-Off containers.

**Figure ES-2** compares the revenue from current rates with the COS for FY 2025/26, by customer class and container type. As previously mentioned, the percentage difference between the current revenue and the cost of service is an overall difference and is applied differently to each material stream and container size within each customer class, as further described in Section 4 of this report.

**Figure ES-2. Current Rate Revenue Compared with COS (FY 2025/26)**

| Service Class Components | Revenue at Current Rates | FY 2025/26 Cost of Service | Surplus / (Shortfall) | % Difference Current vs COS |
|--------------------------|--------------------------|----------------------------|-----------------------|-----------------------------|
| Residential Carts        | \$ 17,688,026            | \$ 19,423,308              | \$ (1,735,281)        | 9.8%                        |
| Commercial Carts         | \$ 653,745               | \$ 428,823                 | \$ 224,923            | -34.4%                      |
| Refuse                   | \$ 17,964,577            | \$ 16,164,147              | \$ 1,800,431          | -10.0%                      |
| Recycling                | \$ 5,438,413             | \$ 6,422,033               | \$ (983,620)          | 18.1%                       |
| Organics / Green Waste   | \$ 977,864               | \$ 1,112,435               | \$ (134,571)          | 13.8%                       |
| Commercial Bins          | \$ 24,380,855            | \$ 23,698,615              | \$ 682,239            | -2.8%                       |
| Roll-Off                 | \$ 12,065,517            | \$ 16,942,959              | \$ (4,877,441)        | 40.4%                       |
| <b>Total</b>             | <b>\$ 54,788,143</b>     | <b>\$ 60,493,704</b>       | <b>\$ (5,705,561)</b> | <b>10.4%</b>                |

# Cost-of-Service Study Update: FY 2025/2026 Executive Summary



4. **Cost-of-Service Rates.** Based on the COS analysis (described in detail in Section 4 of this report), which apportions the cost to each level of service (i.e., 32-gallon cart, 64-gallon cart, etc.), the monthly charge in rates differs depending on container size and material type. **Figures ES-3, ES-4, and ES-5** compare the current and COS rates by customer class, container type, material stream, and service level. A breakdown of the rates is included in **Section 5, Figures 5-1 to 5-3**. Current and COS residential rates include weekly solid waste, recycling, and organics collection services.

**Figure ES-3. Current and COS Monthly Residential Rates**

| Solid Waste Container Size | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| Residential Rate - 32 Gal  | \$ 35.60      | \$ 37.26   | 4.7%     | \$ 38.47   | 3.3%     | \$ 43.08   | 12.0%    | \$ 46.17   | 7.2%     | \$ 48.10   | 4.2%     |
| Residential Rate - 64 Gal  | \$ 39.45      | \$ 42.50   | 7.7%     | \$ 43.88   | 3.3%     | \$ 49.14   | 12.0%    | \$ 52.66   | 7.2%     | \$ 54.87   | 4.2%     |
| Residential Rate - 96 Gal  | \$ 43.81      | \$ 47.98   | 9.5%     | \$ 49.54   | 3.3%     | \$ 55.49   | 12.0%    | \$ 59.46   | 7.2%     | \$ 61.95   | 4.2%     |

\*Note: Residential rates/service include selected refuse cart size, a 96 -gallon recycling cart, and a 96-gallon organics cart.

**Figure ES-4. Current and COS Monthly Commercial Cart and Bin Rates**

| Refuse         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.81      | \$ 19.10   | 13.6%    | \$ 19.73   | 3.3%     | \$ 22.09   | 12.0%    | \$ 23.67   | 7.2%     | \$ 24.67   | 4.2%     |
| 1.5 Yard Bin   | \$140.01      | \$ 145.44  | 3.9%     | \$ 150.17  | 3.3%     | \$ 168.18  | 12.0%    | \$ 180.22  | 7.2%     | \$ 187.78  | 4.2%     |
| 2 Yard Bin     | \$154.23      | \$ 156.79  | 1.7%     | \$ 161.89  | 3.3%     | \$ 181.31  | 12.0%    | \$ 194.30  | 7.2%     | \$ 202.44  | 4.2%     |
| 3 Yard Bin     | \$179.09      | \$ 185.24  | 3.4%     | \$ 191.26  | 3.3%     | \$ 214.20  | 12.0%    | \$ 229.54  | 7.2%     | \$ 239.16  | 4.2%     |
| 4 Yard Bin     | \$213.25      | \$ 209.43  | -1.8%    | \$ 216.25  | 3.3%     | \$ 242.18  | 12.0%    | \$ 259.53  | 7.2%     | \$ 270.40  | 4.2%     |
| 6 Yard Bin     | \$281.57      | \$ 280.62  | -0.3%    | \$ 289.75  | 3.3%     | \$ 324.50  | 12.0%    | \$ 347.74  | 7.2%     | \$ 362.31  | 4.2%     |

| Recycling      | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 10.21      | \$ 12.49   | 22.3%    | \$ 12.89   | 3.3%     | \$ 14.44   | 12.0%    | \$ 15.47   | 7.2%     | \$ 16.12   | 4.2%     |
| 1.5 Yard Bin   | \$ 98.21      | \$ 124.09  | 26.4%    | \$ 128.13  | 3.3%     | \$ 143.49  | 12.0%    | \$ 153.77  | 7.2%     | \$ 160.22  | 4.2%     |
| 2 Yard Bin     | \$107.56      | \$ 134.21  | 24.8%    | \$ 138.58  | 3.3%     | \$ 155.20  | 12.0%    | \$ 166.32  | 7.2%     | \$ 173.29  | 4.2%     |
| 3 Yard Bin     | \$126.27      | \$ 164.03  | 29.9%    | \$ 169.36  | 3.3%     | \$ 189.68  | 12.0%    | \$ 203.26  | 7.2%     | \$ 211.78  | 4.2%     |
| 4 Yard Bin     | \$144.98      | \$ 187.29  | 29.2%    | \$ 193.39  | 3.3%     | \$ 216.58  | 12.0%    | \$ 232.09  | 7.2%     | \$ 241.82  | 4.2%     |
| 6 Yard Bin     | \$193.77      | \$ 253.23  | 30.7%    | \$ 261.47  | 3.3%     | \$ 292.83  | 12.0%    | \$ 313.80  | 7.2%     | \$ 326.95  | 4.2%     |

| Organics       | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 32 Gallon Cart | \$ 9.96       | \$ 7.47    | -25.0%   | \$ 7.72    | 3.3%     | \$ 8.64    | 12.0%    | \$ 9.26    | 7.2%     | \$ 9.65    | 4.2%     |
| 64 Gallon Cart | \$ 16.82      | \$ 11.81   | -29.8%   | \$ 12.19   | 3.3%     | \$ 13.66   | 12.0%    | \$ 14.63   | 7.2%     | \$ 15.25   | 4.2%     |
| 96 Gallon Cart | \$ 24.14      | \$ 16.39   | -32.1%   | \$ 16.93   | 3.3%     | \$ 18.96   | 12.0%    | \$ 20.31   | 7.2%     | \$ 21.17   | 4.2%     |
| 1.5 Yard Bin   | \$292.06      | \$ 176.93  | -39.4%   | \$ 182.69  | 3.3%     | \$ 204.60  | 12.0%    | \$ 219.25  | 7.2%     | \$ 228.44  | 4.2%     |
| 2 Yard Bin     | \$302.23      | \$ 224.03  | -25.9%   | \$ 231.32  | 3.3%     | \$ 259.06  | 12.0%    | \$ 277.61  | 7.2%     | \$ 289.25  | 4.2%     |
| 3 Yard Bin     | \$322.57      | \$ 282.64  | -12.4%   | \$ 291.83  | 3.3%     | \$ 326.84  | 12.0%    | \$ 350.24  | 7.2%     | \$ 364.92  | 4.2%     |

| Green Waste    | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.72      | \$ 16.39   | -2.0%    | \$ 16.93   | 3.3%     | \$ 18.96   | 12.0%    | \$ 20.31   | 7.2%     | \$ 21.17   | 4.2%     |
| 1.5 Yard Bin   | \$109.27      | \$ 153.42  | 40.4%    | \$ 158.41  | 3.3%     | \$ 177.41  | 12.0%    | \$ 190.11  | 7.2%     | \$ 198.08  | 4.2%     |
| 2 Yard Bin     | \$122.66      | \$ 192.67  | 57.1%    | \$ 198.94  | 3.3%     | \$ 222.80  | 12.0%    | \$ 238.76  | 7.2%     | \$ 248.77  | 4.2%     |
| 3 Yard Bin     | \$149.45      | \$ 235.61  | 57.6%    | \$ 243.27  | 3.3%     | \$ 272.45  | 12.0%    | \$ 291.96  | 7.2%     | \$ 304.20  | 4.2%     |

**Figure ES-5. Current and COS Per Pull Roll-Off Rates**

| Roll Off                         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 10 - 40 YD - Loose Material*     | \$247.61      | \$ 371.98  | 50.2%    | \$ 384.09  | 3.3%     | \$ 430.15  | 12.0%    | \$ 460.96  | 7.2%     | \$ 480.28  | 4.2%     |
| 10 - 40 YD - Compacted Material* | \$283.68      | \$ 422.98  | 49.1%    | \$ 436.74  | 3.3%     | \$ 489.13  | 12.0%    | \$ 524.16  | 7.2%     | \$ 546.12  | 4.2%     |

\*Disposal will be charged per ton in addition to the above per pull rate.

4. **Rate Phasing Approach.** The City reviewed the COS rates presented in **Figures ES2-3, ES2-4, and ES2-5** above. Because the City has sufficient reserves to support phasing-in the COS rates, the City decided to use the reserves to phase in the COS rates over two years (FY 2025/26 and FY 2026/27) and to smooth the projected rate increases for FY 2027/28 through FY 2029/30. The phasing of the necessary increases



## Cost-of-Service Study Update: FY 2025/2026 Executive Summary



will reduce the immediate impact to rate payers, as well as reduce the volatility of rates from one-time costs (e.g., vehicle replacements).

Rates were phased in one of the following methods: 1) Current rates that are higher than their cost-of-service are held flat until the year the cost-of-service rate is higher, 2) Current rates that are lower than their cost-of-service are phased over two years to meet the cost-of-service beginning FY 2027/28, 3) Commercial Organics rates were adjusted down to meet their cost-of-service in FY 2025/26 to align the estimated rates with cost-of-service. **Figures ES-6, ES-7, and ES-8** compare the current and phased rates by customer class and service level.

**Figure ES-6: Current and Proposed Monthly Residential Rates – Phased Approach**

| ste Container Size        | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|---------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| Residential Rate - 32 Gal | \$ 35.60      | \$ 38.09   | 7.0%     | \$ 40.59   | 6.6%     | \$ 43.08   | 6.1%     | \$ 44.37   | 3.0%     | \$ 45.70   | 3.0%     |
| Residential Rate - 64 Gal | \$ 39.45      | \$ 42.68   | 8.2%     | \$ 45.91   | 7.6%     | \$ 49.14   | 7.0%     | \$ 50.61   | 3.0%     | \$ 52.13   | 3.0%     |
| Residential Rate - 96 Gal | \$ 43.81      | \$ 47.70   | 8.9%     | \$ 51.59   | 8.2%     | \$ 55.48   | 7.5%     | \$ 57.15   | 3.0%     | \$ 58.86   | 3.0%     |

*\*Note: Residential rates/service include selected refuse cart size, a 96 -gallon recycling cart, and a 96-gallon organics cart.*

**Figure ES-7: Current and Proposed Monthly Commercial Rates – Phased Approach**

| Refuse         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.81      | \$ 18.57   | 10.5%    | \$ 20.33   | 9.5%     | \$ 22.09   | 8.7%     | \$ 22.75   | 3.0%     | \$ 23.44   | 3.0%     |
| 1.5 Yard Bin   | \$ 140.01     | \$ 149.40  | 6.7%     | \$ 158.78  | 6.3%     | \$ 168.17  | 5.9%     | \$ 173.22  | 3.0%     | \$ 178.41  | 3.0%     |
| 2 Yard Bin     | \$ 154.23     | \$ 163.25  | 5.8%     | \$ 172.28  | 5.5%     | \$ 181.30  | 5.2%     | \$ 186.74  | 3.0%     | \$ 192.35  | 3.0%     |
| 3 Yard Bin     | \$ 179.09     | \$ 190.79  | 6.5%     | \$ 202.49  | 6.1%     | \$ 214.19  | 5.8%     | \$ 220.62  | 3.0%     | \$ 227.24  | 3.0%     |
| 4 Yard Bin     | \$ 213.25     | \$ 222.89  | 4.5%     | \$ 232.53  | 4.3%     | \$ 242.17  | 4.1%     | \$ 249.44  | 3.0%     | \$ 256.92  | 3.0%     |
| 6 Yard Bin     | \$ 281.57     | \$ 295.88  | 5.1%     | \$ 310.18  | 4.8%     | \$ 324.49  | 4.6%     | \$ 334.22  | 3.0%     | \$ 344.25  | 3.0%     |
| Recycling      | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
| 96 Gallon Cart | \$ 10.21      | \$ 11.62   | 13.8%    | \$ 13.03   | 12.1%    | \$ 14.44   | 10.8%    | \$ 14.87   | 3.0%     | \$ 15.32   | 3.0%     |
| 1.5 Yard Bin   | \$ 98.21      | \$ 113.30  | 15.4%    | \$ 128.40  | 13.3%    | \$ 143.49  | 11.8%    | \$ 147.79  | 3.0%     | \$ 152.23  | 3.0%     |
| 2 Yard Bin     | \$ 107.56     | \$ 123.44  | 14.8%    | \$ 139.32  | 12.9%    | \$ 155.19  | 11.4%    | \$ 159.85  | 3.0%     | \$ 164.65  | 3.0%     |
| 3 Yard Bin     | \$ 126.27     | \$ 147.40  | 16.7%    | \$ 168.54  | 14.3%    | \$ 189.67  | 12.5%    | \$ 195.36  | 3.0%     | \$ 201.22  | 3.0%     |
| 4 Yard Bin     | \$ 144.98     | \$ 168.84  | 16.5%    | \$ 192.71  | 14.1%    | \$ 216.57  | 12.4%    | \$ 223.07  | 3.0%     | \$ 229.76  | 3.0%     |
| 6 Yard Bin     | \$ 193.77     | \$ 226.79  | 17.0%    | \$ 259.80  | 14.6%    | \$ 292.82  | 12.7%    | \$ 301.60  | 3.0%     | \$ 310.65  | 3.0%     |
| Organics       | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
| 32 Gallon Cart | \$ 9.96       | \$ 7.47    | -25.0%   | \$ 8.06    | 7.9%     | \$ 8.64    | 7.2%     | \$ 8.90    | 3.0%     | \$ 9.17    | 3.0%     |
| 64 Gallon Cart | \$ 16.82      | \$ 11.81   | -29.8%   | \$ 12.73   | 7.8%     | \$ 13.65   | 7.3%     | \$ 14.06   | 3.0%     | \$ 14.49   | 3.0%     |
| 96 Gallon Cart | \$ 24.14      | \$ 16.39   | -32.1%   | \$ 17.67   | 7.8%     | \$ 18.96   | 7.3%     | \$ 19.52   | 3.0%     | \$ 20.11   | 3.0%     |
| 1.5 Yard Bin   | \$ 292.06     | \$ 176.93  | -39.4%   | \$ 190.76  | 7.8%     | \$ 204.59  | 7.3%     | \$ 210.73  | 3.0%     | \$ 217.05  | 3.0%     |
| 2 Yard Bin     | \$ 302.23     | \$ 224.03  | -25.9%   | \$ 241.54  | 7.8%     | \$ 259.05  | 7.2%     | \$ 266.82  | 3.0%     | \$ 274.83  | 3.0%     |
| 3 Yard Bin     | \$ 322.57     | \$ 282.64  | -12.4%   | \$ 304.73  | 7.8%     | \$ 326.82  | 7.3%     | \$ 336.63  | 3.0%     | \$ 346.73  | 3.0%     |
| Green Waste    | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
| 96 Gallon Cart | \$ 16.72      | \$ 17.47   | 4.5%     | \$ 18.21   | 4.2%     | \$ 18.96   | 4.1%     | \$ 19.52   | 3.0%     | \$ 20.11   | 3.0%     |
| 1.5 Yard Bin   | \$ 109.27     | \$ 131.98  | 20.8%    | \$ 154.69  | 17.2%    | \$ 177.40  | 14.7%    | \$ 182.72  | 3.0%     | \$ 188.21  | 3.0%     |
| 2 Yard Bin     | \$ 122.66     | \$ 156.04  | 27.2%    | \$ 189.42  | 21.4%    | \$ 222.79  | 17.6%    | \$ 229.48  | 3.0%     | \$ 236.36  | 3.0%     |
| 3 Yard Bin     | \$ 149.45     | \$ 190.45  | 27.4%    | \$ 231.44  | 21.5%    | \$ 272.44  | 17.7%    | \$ 280.61  | 3.0%     | \$ 289.03  | 3.0%     |

**Figure ES-8: Current and Proposed Per Pull Roll-Off Rates – Phased Approach**

| Roll Off                        | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|---------------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 10 - 40 YD - Loose Material*    | \$247.61      | \$ 308.45  | 24.6%    | \$ 369.29  | 19.7%    | \$ 430.14  | 16.5%    | \$ 443.04  | 3.0%     | \$ 456.33  | 3.0%     |
| 10 - 40 YD - Compacted Material | \$283.68      | \$ 352.16  | 24.1%    | \$ 420.63  | 19.4%    | \$ 489.11  | 16.3%    | \$ 503.78  | 3.0%     | \$ 518.89  | 3.0%     |

*\*Disposal will be charged per ton in addition to the above per pull rate.*

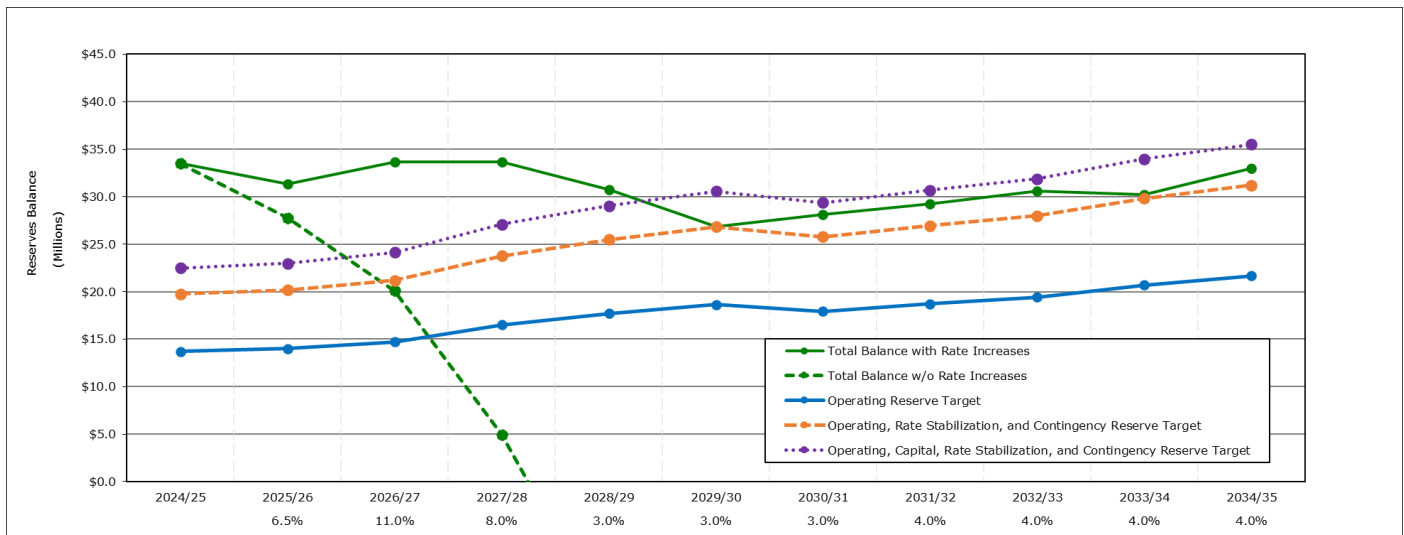


## IMPLEMENTATION

After increasing rates effective November 1, 2025, and July 1 thereafter, the City should monitor its rates before implementing subsequent rate increases. There are future events that will impact the City's collection operations; these cost impacts (either up or down) are unknown at this time and may affect the proposed rates for FY 2026/27 – FY 2029/30 presented above.

A projection of the City's reserve fund balance over the next ten years is provided in **Figure ES-9** below. The solid green line illustrates the reserve fund balance over the next ten years assuming the phased rate increases as described in **Figures ES-6, ES-7, and ES-8** above plus inflationary increases in outer years.

**Figure ES-9: Projected Reserve Fund Balance - FY 2024/25 Through FY 2034/35**





## Section 1. Introduction

The City's Public Works Agency provides all residential and commercial solid waste, recycling, and organics collection and related transportation, material processing, and disposal services to the City's residents and businesses. It also provides customer service and billing services to its solid waste, recycling, and organics customers.

In 2018, the City requested HF&H to assist with developing a COS model and rate structure based on the level of service received by each customer class. In 2022, the City requested HF&H to update and extend the COS model for an additional two years, through FY 2027/28. In 2024, the City requested HF&H update and extend the model's projections up to ten years in the future. The purpose of this report is to document the updated analysis and summarize our assumptions, findings, and recommendations.

The report is organized to explain how the revenue requirements are determined over the next five years. As part of the documentation, this report includes a copy of the spreadsheet model that was used to derive rates (See Appendices).

### STUDY PURPOSE

The main purpose of this report is to document that the proposed rates comply with the relevant laws in California for setting solid waste, recycling, and organics collection rates. Another key purpose is to ensure that the rates generate sufficient revenue to fund the solid waste, recyclable material, and organics collection, processing, and disposal activities over the five-year planning period (FY 2025/26 – FY 2029/30) operating and capital costs as well as to maintain adequate reserves.

### BILLING PROCEDURES AND CURRENT RATES

The City's accounts are billed through the City's Utility Billing System.

The City's single-family rate payers pay one monthly charge for collection and disposal and processing service of solid waste, recycling, and organics. Extra recycling carts and organics carts are available for an additional charge.

The City's commercial and multi-family rate payers pay a monthly charge for collection and disposal service of solid waste, recycling, and organic containers.

Industrial customers who use Roll-Off containers are billed monthly based on the number of hauls. Industrial customers pay a flat fee per haul which excludes disposal cost paid directly by the customer based on weight.

The current rates are summarized beginning with **Figure 1-1** below.



**Figure 1-1. Current Cart and Roll-Off Rates**  
**Integrated Waste Rates** (Effective 07/01/2024)

| <b>Residential Automated Cans</b>          | <b>Monthly Rate</b> |
|--|---------------------|
| 96-gallon Set* (per dwelling unit)         | \$43.81             |
| 64-gallon Set* (per dwelling unit)         | \$39.45             |
| 32-gallon Set* (per dwelling unit)         | \$35.60             |
| Extra 96-gallon Trash Can**                | \$12.15             |
| Extra 64-gallon Trash Can**                | \$7.73              |
| Extra 32-gallon Trash Can**                | \$3.75              |
| Extra 96-gallon Recycling Can              | \$7.34              |
| Extra 96-gallon Green Waste Can            | \$13.69             |
| Special Empty/Late Set Out - Per Commodity | <b>Fee</b> \$24.48  |
| Additional Can Removed < 6 mos             | <b>Fee</b> \$10.60  |
| Elective Autocan Replacement - Per Can     | <b>Fee</b> \$10.60  |
| Restore Can Service for Non-Payment        | <b>Fee</b> \$47.00  |

\*Trash, Recycle, and Green Waste Set of Cans  
equal to or smaller than current set

\*\*Extra Can must be

| <b>Commercial Automated Cans</b> | <b>Monthly Rate</b> |
|----------------------------------|---------------------|
| 96-gallon Trash Can*             | \$16.81             |
| 96-gallon Recycle Can*           | \$10.21             |
| 96-gallon Green Waste Can*       | \$16.72             |
| Extra 96-gallon Trash Can        | \$12.15             |
| Extra 96-gallon Recycling Can    | \$7.34              |
| Extra 96-gallon Green Waste Can  | \$13.69             |

\* A La Carte, No Set Rate

| <b>Temporary Bins</b>                         | <b>Fee</b> |
|---|------------|
| 7-Day Temporary Bin Rental                    | \$95.00    |
| Additional Empties within 7-days              | \$69.00    |
| 7-Day Temporary Greenwaste/Recycle Bin Rental | \$61.00    |
| Additional Empties within 7-days              | \$30.50    |
| Dead Run (Unable to Empty or Remove Bin)      | \$42.00    |

| <b>Other IW Services</b>                                | <b>Fee</b> |
|---|------------|
| Compost Bin   | \$53.00    |
| Lock-Fee (per lock per amount of weekly pickup/monthly) | \$10.60    |
| Replacement Lock  | \$14.00    |
| Bin Scouting (per bin per amount of weekly pu/monthly)  | \$41.13    |
| Bulky Item Pickup Commercial/Add'l Pickups (5 Items)    | \$57.00    |
| Restore Commercial Bin Service                          | \$106.00   |
| Elective Bin Replacement                                | \$42.00    |

| <b>Roll-Off Containers</b> <small>Disposal cost based on weight will be added.</small> | <b>Rate</b> |
|--|-------------|
| 10 Yard - Refuse Per Load - <i>Additional Cost for Disposal</i>                        | \$247.61    |
| 20 Yard - Refuse Per Load - <i>Additional Cost for Disposal</i>                        | \$247.61    |
| 30 Yard - Refuse Per Load - <i>Additional Cost for Disposal</i>                        | \$247.61    |
| 40 Yard - Refuse Per Load - <i>Additional Cost for Disposal</i>                        | \$247.61    |
| Recycling Per Load - <i>Additional Cost for Disposal</i>                               | \$247.61    |
| Green Waste Per Load - <i>Additional Cost for Disposal</i>                             | \$247.61    |
| Inert/C&D Per Load - <i>Additional Cost for Disposal</i>                               | \$247.61    |
| Compactor Per Load - <i>Additional Cost for Disposal</i>                               | \$283.68    |
| Excess Weight Charge Over 12 Tons Per Ton (Any Load)                                   | \$115.00    |
| Dry Run / Other Haul Charge  | \$247.61    |
| Copies of Weight Slips   | \$14.70     |
| Certificate of Destruction   | \$120.00    |



Figure 1-2. Current Monthly Bin Rates

**Bin Rates** (Effective 07/01/2024)

Trash

|                       | Number of Collection Days |            |            |            |            |            | Extra<br>Empties |
|-----------------------|---------------------------|------------|------------|------------|------------|------------|------------------|
|                       | 1                         | 2          | 3          | 4          | 5          | 6          |                  |
| 1st Bin               |                           |            |            |            |            |            |                  |
| 1.5 yard              | \$140.01                  | \$198.16   | \$256.31   | \$314.46   | \$372.61   | \$430.76   | \$97.00          |
| 3 yard                | \$179.09                  | \$278.01   | \$376.93   | \$475.85   | \$574.77   | \$673.69   | \$113.00         |
| 4 yard                | \$213.25                  | \$346.33   | \$479.41   | \$612.49   | \$745.57   | \$878.65   | \$138.00         |
| 6 yard                | \$281.57                  | \$482.97   | \$684.37   | \$885.77   | \$1,087.17 | \$1,288.57 | \$200.00         |
| Additional Bin        |                           |            |            |            |            |            |                  |
| 1.5 yard              | \$40.94                   | \$99.09    | \$157.24   | \$215.39   | \$273.54   | \$331.69   | \$97.00          |
| 3 yard                | \$83.91                   | \$182.83   | \$281.75   | \$380.67   | \$479.59   | \$578.51   | \$113.00         |
| 4 yard                | \$119.53                  | \$252.61   | \$385.69   | \$518.77   | \$651.85   | \$784.93   | \$138.00         |
| 6 yard                | \$189.71                  | \$391.11   | \$592.51   | \$793.91   | \$995.31   | \$1,196.71 | \$200.00         |
| 1st Compactor*        |                           |            |            |            |            |            |                  |
| 2 yard                | \$235.71                  | \$391.25   | \$546.79   | \$702.33   | \$857.87   | \$1,013.41 | \$203.00         |
| 3 yard                | \$315.26                  | \$550.35   | \$785.44   | \$1,020.53 | \$1,255.62 | \$1,490.71 | \$249.00         |
| 4 yard                | \$404.12                  | \$728.08   | \$1,052.04 | \$1,376.00 | \$1,699.96 | \$2,023.92 | \$297.00         |
| 6 yard                | \$684.98                  | \$1,289.80 | \$1,894.62 | \$2,499.44 | \$3,104.26 | \$3,709.08 | \$392.00         |
| Additional Compactor* |                           |            |            |            |            |            |                  |
| 2 yard                | \$138.21                  | \$293.75   | \$449.29   | \$604.83   | \$760.37   | \$915.91   | \$203.00         |
| 3 yard                | \$220.11                  | \$455.20   | \$690.29   | \$925.38   | \$1,160.47 | \$1,395.56 | \$249.00         |
| 4 yard                | \$311.31                  | \$635.27   | \$959.23   | \$1,283.19 | \$1,607.15 | \$1,931.11 | \$297.00         |
| 6 yard                | \$594.52                  | \$1,199.34 | \$1,804.16 | \$2,408.98 | \$3,013.80 | \$3,618.62 | \$392.00         |

Recycle

|                       | Number of Collection Days |          |            |            |            | Extras<br>Empties |
|-----------------------|---------------------------|----------|------------|------------|------------|-------------------|
|                       | 1                         | 2        | 3          | 4          | 5          |                   |
| 1st Bin               |                           |          |            |            |            |                   |
| 1.5 yard              | \$98.21                   | \$153.88 | \$209.55   | \$265.22   | \$320.89   | \$35.70           |
| 3 yard                | \$126.27                  | \$213.24 | \$300.21   | \$387.18   | \$474.15   | \$51.00           |
| 4 yard                | \$144.98                  | \$252.82 | \$360.66   | \$468.50   | \$576.34   | \$60.20           |
| 6 yard                | \$193.77                  | \$359.31 | \$524.85   | \$690.39   | \$855.93   | \$79.60           |
| Additional Bin        |                           |          |            |            |            |                   |
| 1.5 yard              | \$38.46                   | \$94.13  | \$149.80   | \$205.47   | \$261.14   | \$35.70           |
| 3 yard                | \$71.96                   | \$158.93 | \$245.90   | \$332.87   | \$419.84   | \$51.00           |
| 4 yard                | \$94.30                   | \$202.14 | \$309.98   | \$417.82   | \$525.66   | \$60.20           |
| 6 yard                | \$153.85                  | \$319.39 | \$484.93   | \$650.47   | \$816.01   | \$79.60           |
| 1st Compactor*        |                           |          |            |            |            |                   |
| 2 yard                | \$141.14                  | \$256.23 | \$371.32   | \$486.41   | \$601.50   | \$112.91          |
| 3 yard                | \$202.46                  | \$378.87 | \$555.28   | \$731.69   | \$908.10   | \$161.97          |
| 4 yard                | \$253.14                  | \$480.23 | \$707.32   | \$934.41   | \$1,161.50 | \$202.51          |
| 6 yard                | \$386.42                  | \$746.79 | \$1,107.16 | \$1,467.53 | \$1,827.90 | \$309.14          |
| Additional Compactor* |                           |          |            |            |            |                   |
| 2 yard                | \$97.76                   | \$212.85 | \$327.94   | \$443.03   | \$558.12   | \$104.42          |
| 3 yard                | \$161.42                  | \$337.83 | \$514.24   | \$690.65   | \$867.06   | \$138.39          |
| 4 yard                | \$214.45                  | \$441.54 | \$668.63   | \$895.72   | \$1,122.81 | \$166.47          |
| 6 yard                | \$350.07                  | \$710.44 | \$1,070.81 | \$1,431.18 | \$1,791.55 | \$240.32          |



## Bin Rates Continued (Effective 07/01/2024)

|                       | Number of Collection Days |          |          |          |          | Extra<br>Empties |
|-----------------------|---------------------------|----------|----------|----------|----------|------------------|
|                       | 1                         | 2        | 3        | 4        | 5        |                  |
| <b>1st Bin</b>        |                           |          |          |          |          |                  |
| 1.5 yard              | \$109.27                  | \$172.42 | \$235.57 | \$298.72 | \$361.87 | \$35.70          |
| 2 yard                | \$122.66                  | \$199.21 | \$275.76 | \$352.31 | \$428.86 | \$35.70          |
| 3 yard                | \$149.45                  | \$252.79 | \$356.13 | \$459.47 | \$562.81 | \$51.00          |
| 4 yard                | \$176.24                  | \$306.37 | \$436.50 | \$566.63 | \$696.76 | \$60.20          |
| 6 yard                | \$229.82                  | \$413.53 | \$597.24 | \$780.95 | \$964.66 | \$79.60          |
| <b>Additional Bin</b> |                           |          |          |          |          |                  |
| 1.5 yard              | \$43.96                   | \$105.14 | \$166.32 | \$227.50 | \$288.68 | \$35.70          |
| 2 yard                | \$57.83                   | \$131.28 | \$204.73 | \$278.18 | \$351.63 | \$35.70          |
| 3 yard                | \$85.46                   | \$183.44 | \$281.42 | \$379.40 | \$477.38 | \$51.00          |
| 4 yard                | \$112.46                  | \$236.40 | \$360.34 | \$484.28 | \$608.22 | \$60.20          |
| 6 yard                | \$166.85                  | \$345.19 | \$523.53 | \$701.87 | \$880.21 | \$79.60          |

**NO SATURDAY SERVICE for Green Waste Collection**

|                       | Number of Collection Days |          |          |          |            | Extra<br>Empties |
|-----------------------|---------------------------|----------|----------|----------|------------|------------------|
|                       | 1                         | 2        | 3        | 4        | 5          |                  |
| <b>1st Bin</b>        |                           |          |          |          |            |                  |
| 1.5 yard              | \$292.06                  | \$409.84 | \$527.62 | \$645.40 | \$763.18   | \$233.65         |
| 2 yard                | \$302.23                  | \$451.15 | \$600.07 | \$748.99 | \$897.91   | \$241.78         |
| 3 yard                | \$322.57                  | \$534.47 | \$746.37 | \$958.27 | \$1,170.17 | \$258.06         |
| <b>Additional Bin</b> |                           |          |          |          |            |                  |
| 1.5 yard              | \$100.57                  | \$218.35 | \$336.13 | \$453.91 | \$571.69   | \$233.65         |
| 2 yard                | \$132.60                  | \$281.52 | \$430.44 | \$579.36 | \$728.28   | \$241.78         |
| 3 yard                | \$196.18                  | \$408.08 | \$619.98 | \$831.88 | \$1,043.78 | \$258.06         |
| <b>1st Can</b>        |                           |          |          |          |            |                  |
| 32 gallon             | \$9.96                    | \$28.55  | \$47.14  | \$65.73  | \$84.32    | \$7.97           |
| 64 gallon             | \$16.82                   | \$42.26  | \$67.70  | \$93.14  | \$118.58   | \$13.46          |
| <b>Additional Can</b> |                           |          |          |          |            |                  |
| 32 gallon             | \$6.80                    | \$25.39  | \$43.98  | \$62.57  | \$81.16    | \$7.97           |
| 64 gallon             | \$13.76                   | \$39.20  | \$64.64  | \$90.08  | \$115.52   | \$13.46          |

**NO SATURDAY SERVICE for Organics Collection**

## LEGAL REQUIREMENTS

The City is responsible for setting rates in compliance with California law. Voters passed Proposition 218 in November 1996, which added article XIII D to the California constitution. Article XIII D section 6(b)(1-5) has five substantive requirements that must be met:

- Revenue from rates must not exceed the cost of providing service.
- Revenue from rates must be used for providing service.
- Fees and charges imposed must be proportional to the cost of providing the service attributable to the parcel.



## **Cost-of-Service Study Update: FY 2025/2026**

### Section 1. Introduction



- Fee or charge may not be imposed for a service unless that service is used by, or immediately available to, the owner of the property.
- No fee or charge may be imposed for general governmental services.

We interpret these requirements to mean that rates must be proportionate to the COS across the range of subscribed services. We further interpret these requirements to mean that the rates for each level of service must correlate with the actual demand that customers place on the collection vehicles and for which the system must be designed to provide the level of service customers require.



## Section 2. Revenue Requirement Projections

To determine whether additional rate revenue is required, projected operating expenses are compared with projected revenue from current rates. Rates are then increased so that projected expenses are covered. If required by the City, additional rate increases are applied to reach or maintain operating and capital target reserve levels.

### EXPENSE PROJECTIONS

Rates are developed to cover costs for the following projected expenses over the five-year planning period. The City's FY 2024/25 budgeted revenues and expenditures served as the basis for determining the revenue requirement, by inflating the budgeted costs to FY 2025/26 by the factors shown in **Figure 2-1**. The City budget is developed annually by the Department of Financial Management and approved by the City Council. The model currently allows for inflation to be applied individually to subcategories within the main categories below, and further by year to accurately reflect anticipated or known increases in personnel, benefits, capital expenses, capital improvements, and new programs.

General Inflation is an estimate by HF&H based on historical trends. Labor Costs is based on the City's Memorandums of Understanding with the AFSME, Teamsters, and AOME. Disposal and Processing Fees is an estimate based on Waste Management's disposal and processing agreement. Interest on Fund Balance is estimated based on the current rate of return for various savings funds.

**Figure 2-1. Inflation Factors & Spend Factors**

| <b>Inflation Factors</b>  | <b>FY 2025/26</b> | <b>FY 2026/27</b> | <b>FY 2027/28</b> | <b>FY 2028/29</b> | <b>FY 2029/30</b> |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| General Inflation         | 3.50%             | 3.50%             | 3.50%             | 3.50%             | 3.50%             |
| Labor Costs               | 8.75%             | 4.23%             | 4.23%             | 4.23%             | 4.23%             |
| Disposal & Processing Fee | 6.00%             | 6.00%             | 6.00%             | 6.00%             | 6.00%             |
| No Growth                 | 0.00%             | 0.00%             | 0.00%             | 0.00%             | 0.00%             |
| Interest on Fund Balance  | 4.00%             | 4.00%             | 4.00%             | 4.00%             | 4.00%             |

The City's projected revenue requirement from FY 2025/26 through FY 2029/30 are summarized in **Figure 2-2** based on the City's budget and application of spend factors.

**Figure 2-2. Projected Expenses for FY 2025/26 through FY 2029/30**

| <b>Expenditures*</b>                    | <b>FY 2025/26</b>   | <b>FY 2026/27</b>   | <b>FY 2027/28</b>   | <b>FY 2028/29</b>   | <b>FY 2029/30</b>   |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>Overhead</b>                         |                     |                     |                     |                     |                     |
| Human Resources                         | \$1,745,149         | \$1,812,115         | \$1,881,742         | \$1,954,137         | \$2,029,412         |
| Street Sweeping                         | 2,453,620           | 2,535,209           | 2,619,623           | 2,706,965           | 2,797,343           |
| Transfer Out                            | 420,936             | 420,936             | 420,936             | 420,936             | 420,936             |
| <b>Direct</b>                           |                     |                     |                     |                     |                     |
| Integrated Waste Admin                  | 15,551,383          | 16,122,114          | 16,714,051          | 17,327,990          | 17,964,754          |
| Automated Residential Collection        | 14,379,951          | 15,454,048          | 17,088,373          | 18,675,497          | 20,396,451          |
| Commercial Bin Collection               | 15,288,915          | 15,984,504          | 18,379,531          | 19,480,185          | 20,194,489          |
| Roll-Off Bin Collection                 | 10,004,610          | 10,158,758          | 11,441,296          | 12,804,750          | 13,401,103          |
| <b>New Programs</b>                     |                     |                     |                     |                     |                     |
| Customer Information System Replacement | 68,750              | 68,750              | 375,000             | 625,000             | -                   |
| Bioswale Drainage                       | 12,000              | 12,000              | 12,000              | 12,000              | 12,000              |
| Municipal Services Center Relocation    | 4,321,853           | 3,521,853           | 3,521,853           | 3,521,853           | 3,521,853           |
| Public Works Order Management Upgrade   | 83,333              | -                   | -                   | -                   | -                   |
| <b>Total Revenue Requirement</b>        | <b>\$64,330,499</b> | <b>\$66,090,287</b> | <b>\$72,454,404</b> | <b>\$77,529,313</b> | <b>\$80,738,341</b> |

In addition, **Figure 2-3** summarizes the reserve fund balance resulting from collection of current revenue at current rates for the five-year period if rates remained the same and the City used reserves to offset the shortfall. The City receives non-rate revenue from late

## Cost-of-Service Study Update: FY 2025/2026

### Section 2. Revenue Requirement Projections



charges, interest income, grant revenue, and the City utility service. Projected non-rate revenue has been included to determine the net annual shortfall. This figure illustrates the growing shortfall facing the City if rates were not changed during the next five-year planning period. **Figure 2-3** assumes the City uses reserves to offset the revenue shortfall. The next subsection of this report discusses the necessary annual revenue increases to bridge the revenue shortfall for the next five-year period.

**Figure 2-3. Projected Reserve Fund Balance with No Rate Increases (2026-2030)**

|  | FY 2025/26           | FY 2026/27           | FY 2027/28            | FY 2028/29             | FY 2029/30             |
|--|----------------------|----------------------|-----------------------|------------------------|------------------------|
| 1 Revenue at Current Rates                   | 54,788,143           | 54,788,143           | 54,788,143            | 54,788,143             | 54,788,143             |
| 2 Non-Rate Revenue                           | 3,836,795            | 3,631,094            | 2,503,708             | 2,568,881              | 2,636,334              |
| 3 <b>Total Revenue at Current Rates</b>      | <b>\$58,624,938</b>  | <b>\$58,419,238</b>  | <b>\$57,291,852</b>   | <b>\$57,357,024</b>    | <b>\$57,424,478</b>    |
| 4 Expenses                                   |                      |                      |                       |                        |                        |
| 5 Overhead                                   | \$4,619,705          | \$4,768,260          | \$4,922,301           | \$5,082,039            | \$5,247,690            |
| 6 Direct                                     | 55,224,858           | 57,719,424           | 63,623,250            | 68,288,422             | 71,956,798             |
| 7 New Programs                               | 4,485,936            | 3,602,603            | 3,908,853             | 4,158,853              | 3,533,853              |
| 8 <b>Total Revenue Requirement</b>           | <b>\$64,330,499</b>  | <b>\$66,090,287</b>  | <b>\$72,454,404</b>   | <b>\$77,529,313</b>    | <b>\$80,738,341</b>    |
| 9 <b>Operating Surplus/(Shortfall)</b>       | <b>(\$5,705,561)</b> | <b>(\$7,671,049)</b> | <b>(\$15,162,553)</b> | <b>(\$20,172,289)</b>  | <b>(\$23,313,864)</b>  |
| 10 Beginning Year Reserve Balance            | 33,486,025           | 27,780,464           | 20,109,415            | 4,946,862              | (15,225,427)           |
| 11 <b>Projected Year End Reserve Balance</b> | <b>\$ 27,780,464</b> | <b>\$ 20,109,415</b> | <b>\$ 4,946,862</b>   | <b>\$ (15,225,427)</b> | <b>\$ (38,539,291)</b> |

## REVENUE INCREASES

Working with staff, proposed revenue increases were developed to cover the cost of providing service to solid waste, recycling, and organics customers. **Figure 2-4** summarizes the projected revenue (see **Row 3**) from the proposed rates shown in **Figures ES-7** through **ES-9**, annual revenue requirements (see **Row 10**), and the projected year-end reserve fund balance (see **Row 13**) projected if the proposed rates are adopted.

The revenue increase strategy was to utilize the City's reserve fund balance to reduce the necessary rate increases (see **Row 2**). This strategy allows the City to avoid implementing larger rate increases that are necessary to meet the City's updated cost of providing service.

**Figure 2-4. Projected Expenses and Revenue at Proposed Revenue Increases**

|  | FY 2025/26          | FY 2026/27          | FY 2027/28          | FY 2028/29           | FY 2029/30           |
|--|---------------------|---------------------|---------------------|----------------------|----------------------|
| 1 Rate Revenue (Before Rate Increases)       | \$54,788,143        | \$60,144,091        | \$64,773,636        | \$69,947,879         | \$72,745,795         |
| 2 <b>Percent Change in Revenue*</b>          | 9.8%                | 7.7%                | 8.0%                | 4.0%                 | 3.0%                 |
| 3 Rate Revenue with Proposed Increases       | 60,144,091          | 64,773,636          | 69,947,879          | 72,745,795           | 74,928,168           |
| 4 Non-Rate Revenue                           | 3,836,795           | 3,631,094           | 2,503,708           | 2,568,881            | 2,636,334            |
| 5 <b>Total Revenue with Increases</b>        | <b>\$63,980,886</b> | <b>\$68,404,730</b> | <b>\$72,451,588</b> | <b>\$75,314,675</b>  | <b>\$77,564,503</b>  |
| 6 Expenses                                   |                     |                     |                     |                      |                      |
| 7 Overhead                                   | \$4,619,705         | \$4,768,260         | \$4,922,301         | \$5,082,039          | \$5,247,690          |
| 8 Direct                                     | 55,224,858          | 57,719,424          | 63,623,250          | 68,288,422           | 71,956,798           |
| 9 New Programs                               | 4,485,936           | 3,602,603           | 3,908,853           | 4,158,853            | 3,533,853            |
| 10 <b>Total Revenue Requirement</b>          | <b>\$64,330,499</b> | <b>\$66,090,287</b> | <b>\$72,454,404</b> | <b>\$77,529,313</b>  | <b>\$80,738,341</b>  |
| 11 <b>Operating Surplus/(Shortfall)</b>      | <b>(\$349,613)</b>  | <b>\$2,314,443</b>  | <b>(\$2,817)</b>    | <b>(\$2,214,638)</b> | <b>(\$3,173,839)</b> |
| 12 Beginning Year Reserve Balance            | 33,486,025          | 33,136,412          | 35,450,855          | 35,448,038           | 33,233,400           |
| 13 <b>Projected Year End Reserve Balance</b> | <b>\$33,136,412</b> | <b>\$35,450,855</b> | <b>\$35,448,038</b> | <b>\$33,233,400</b>  | <b>\$30,059,562</b>  |

\*Increases for FY 2025/26 through FY 2027/28 reflect the average rate increase, where some rates will increase greater than the stated percentage while others increase less or decrease in order to meet their cost-of-service. For FY 2028/29 and FY 2029/30, rates are increased by a uniform percentage.



## Section 3. Cost-of-Service Study

### METHODOLOGY

A COS Study determines the unit cost of the services provided to the City's solid waste, recycling, and organics customers. Each customer class is charged the same unit cost for its share of the services that it requires. In this way, the total revenue requirement is split between the fixed service charges and the volumetric charges; with the volumetric charges further proportioned among the customer classes. The customer classes for this study are Residential, Commercial, and Roll-Off customers. Residential customers receive service in Carts; Commercial customer may receive service in either Carts or Bins; Roll-Off customers receive service in Roll-Off containers. The material streams that may be collected within each customer class and container type are solid waste, recycling, and organics.

Most of the City's collection services are related to meeting customer demands for solid waste, recycling, and organics collection services. The complete costs of collection, transportation, and disposal include two main categories: 1) City's collection expenses and 2) overhead expenses. The City's collection expenses include the direct costs of collection, transportation, processing, disposal of solid waste, recycling, and organics. City overhead costs include City staff and administrative expenses to bill and oversee services and new programs.

The collection services vary based on the customer's subscribed size and type of container (Bin vs. Cart vs. Roll-Off) used for the collection of solid waste, recycling, and organic materials.

The collection service levels are defined as follows:

1. **Cart Customers** – Cart customers receive service in 32-, 64- or 96-gallon Carts. Residential customers receive bundled service based on the selected solid waste container size and receive recycling and organics collection in 96-gallon Carts. Commercial customers can receive any size Cart for solid waste, recycling, and organic service. Additional Carts may be provided, if requested, for an additional fee. The Carts are typically collected by a rear-loader or automated truck. And are used by residential, multi-family, and commercial customers depending on the amount of capacity required.



2. **Bin Customers**– Bin customers receive service in a container ranging from 1.5 – 6 cubic yards with collection frequency up to six times per week. The Bins are collected by a front loader truck. Typically, these containers are used at multi-family complexes or commercial businesses. The size and frequency of collection will differ between container type (solid waste, recycling, organics) and by customer.



## Cost-of-Service Study Update: FY 2025/2026

### Section 3. Cost-of-Service Study



3. **Roll-Off Customers** – Roll-Off customers receive service in debris boxes (ranging from 10 – 40 cubic yards). The boxes are collected by a front-loader truck. Customers can choose their container size and the specific material(s) that will be disposed of in each Roll-Off. Service is provided on an on-call basis instead of a recurring frequency. Therefore, rates are based on a charge per pull. A charge occurs for each container collected.

## FY 2025/26 COST-OF-SERVICE

**Figure 3-1** summarizes the FY 2025/26 net revenue requirement by expense category which is offset by non-rate revenue. The net revenue requirement of \$62,947,325 was used for rate setting purposes.

**Figure 3-1. FY 2025/26 Net Revenue Requirement by Customer Class**

| Expenditures                            | Carts               | Bins                | Roll-Off            | FY 2025/26<br>Cost of Service |
|---|---------------------|---------------------|---------------------|-------------------------------|
| <u>Overhead</u>                         |                     |                     |                     |                               |
| Human Resources                         | \$349,030           | \$698,059           | \$698,059           | \$1,745,149                   |
| Street Sweeping                         | 1,591,937           | 456,562             | 405,122             | 2,453,620                     |
| Transfer Out                            | 205,751             | 134,468             | 80,717              | 420,936                       |
| Non-Rate Revenue                        | (1,150,205)         | (988,663)           | (1,697,927)         | (3,836,795)                   |
| <u>Direct</u>                           |                     |                     |                     |                               |
| Integrated Waste Admin                  | 3,510,744           | 6,274,453           | 5,766,186           | 15,551,383                    |
| Automated Residential Collection        | 14,379,951          | -                   | -                   | 14,379,951                    |
| Commercial Bin Collection               | -                   | 15,288,915          | -                   | 15,288,915                    |
| Roll-Off Bin Collection                 | -                   | -                   | 10,004,610          | 10,004,610                    |
| <u>New Programs</u>                     |                     |                     |                     |                               |
| Customer Information System Replacement | 14,788              | 28,120              | 25,842              | 68,750                        |
| Bioswale Drainage                       | 2,581               | 4,908               | 4,511               | 12,000                        |
| Municipal Services Center Relocation    | 929,629             | 1,767,709           | 1,624,515           | 4,321,853                     |
| Public Works Order Management Upgrade   | 17,925              | 34,085              | 31,324              | 83,333                        |
| <b>Total Revenue Requirement</b>        | <b>\$19,852,130</b> | <b>\$23,698,615</b> | <b>\$16,942,959</b> | <b>\$60,493,704</b>           |

The customer class allocations and the expenses attributable to customer accounts are compared with the estimated revenue from current rates in **Figure 3-2**.

**Figure 3-2. Current Rate Revenue Compared to COS**

| Customer Class | Revenue at<br>Current Rates | FY 2025/26<br>Cost of Service | \$ Difference        |
|----------------|-----------------------------|-------------------------------|----------------------|
| Carts          | \$18,341,771                | \$19,852,130                  | (\$1,510,359)        |
| Bins           | 24,380,855                  | 23,698,615                    | 682,239              |
| Roll-off       | 12,065,517                  | 16,942,959                    | (4,877,441)          |
| <b>Total</b>   | <b>\$54,788,143</b>         | <b>\$60,493,704</b>           | <b>(\$5,705,561)</b> |

Rates need to be designed to generate each class's share of the revenue requirement. **Section 4** provides a recommended rate structure to meet the COS.

## Cost-of-Service Study Update: FY 2025/2026

### Section 4. Rate Design – 2025 Cost-of-Service



## Section 4. Rate Design – 2025 Cost-of-Service

This section discusses the design of volumetric charges for the various sizes of Carts, Bins, and Roll-Off customers, as well as the fixed service charges for each customer class. All cost categories were evaluated to determine if the cost would fluctuate (variable) or remain constant (fixed) and if there were variances in the subscribed level of service and type of container. The following methodology was used to calculate the cost-of-service by service level and customer class for all solid waste, recycling, and service level organics.

**Figure 4-1** details the allocation of collection costs by customer class and material stream. The method of allocation is listed to the left of each cost. Fixed collection costs include City program costs, new administrative programs, cost-allocation plan charges or general fund expenditures incurred on behalf of Public Works, street sweeping, and non-rate revenue. Variable collection costs include direct costs to service Cart, Bin, and Roll-Off customers including the residential bulky program. These costs vary according to the capacity of collection a customer subscribes to. Disposal collection costs include the costs to dispose or process solid waste, recyclable materials, or organic materials.

**Figure 4-1. Cost-of-Service Overview**

|   | Allocation                       | Residential & Commercial |                    |                    | Commercial          |                    |                    | Roll-Off            | Total               |
|---|----------------------------------|--------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|---------------------|
|   |                                  | Carts MSW                | Carts Recycling    | Carts Organics     | Bins MSW            | Bins Recycling     | Bins Organics      |                     |                     |
| <b>Fixed Collection Costs</b>           |                                  |                          |                    |                    |                     |                    |                    |                     |                     |
| Utilities Customer Service              | Utilities Customer Service       | \$116,343                | \$116,343          | \$116,343          | \$375,049           | \$287,733          | \$35,278           | \$698,059           | \$1,745,149         |
| Integrated Waste Admin - Fixed          | Integrated Waste Admin           | 580,423                  | 580,423            | 580,423            | 1,778,946           | 1,364,785          | 167,332            | 3,042,848           | 8,095,181           |
| Customer Information System Replacement | Integrated Waste Admin           | 4,929                    | 4,929              | 4,929              | 15,108              | 11,591             | 1,421              | 25,842              | 68,750              |
| Bioswale Drainage                       | Integrated Waste Admin           | 860                      | 860                | 860                | 2,637               | 2,023              | 248                | 4,511               | 12,000              |
| Municipal Services Center Relocation    | Integrated Waste Admin           | 309,876                  | 309,876            | 309,876            | 949,743             | 728,631            | 89,335             | 1,624,515           | 4,321,853           |
| Public Works Order Management Upgrade   | Integrated Waste Admin           | 5,975                    | 5,975              | 5,975              | 18,313              | 14,049             | 1,723              | 31,324              | 83,333              |
| Transfer Out                            | Route Hours                      | 89,976                   | 54,401             | 61,374             | 91,442              | 35,861             | 7,166              | 80,717              | 420,936             |
| Non-Rate Revenue                        |                                  |                          |                    |                    |                     |                    |                    |                     |                     |
| Recycling                               | Annual REC Tonnage               | -                        | (82,632)           | -                  | -                   | (67,368)           | -                  | -                   | (150,000)           |
| Late Charges                            | Overall Account Allocation       | (127,467)                | (127,433)          | (136,547)          | (12,117)            | (9,296)            | (1,140)            | -                   | (414,000)           |
| Interest Income                         | Revenue by Service Sector        | (159,470)                | (440)              | (4,679)            | (161,204)           | (48,801)           | (8,775)            | (108,269)           | (491,639)           |
| Grant Revenue                           | Revenue by Service Sector        | (495,625)                | (1,368)            | (14,543)           | (501,017)           | (151,673)          | (27,272)           | (336,497)           | (1,527,996)         |
| Cart General Overhead                   | Labor Hours Carts                | 569,469                  | 405,716            | 457,723            | -                   | -                  | -                  | -                   | 1,432,908           |
| Bin General Overhead                    | Labor Hours Bins                 | -                        | -                  | -                  | 1,515,576           | 594,362            | 118,763            | -                   | 2,228,700           |
| RO General Overhead                     | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 605,561             | 605,561             |
| Street Sweeping                         | Curb Miles and Annual Tonnage    | 970,723                  | 225,214            | 396,000            | 403,098             | 46,600             | 6,865              | 405,122             | 2,453,620           |
|   |                                  | \$1,866,013              | \$1,491,865        | \$1,777,735        | \$4,475,572         | \$2,808,495        | \$390,944          | \$4,820,572         | \$17,631,196        |
| <b>Variable Collection Costs</b>        |                                  |                          |                    |                    |                     |                    |                    |                     |                     |
| Integrated Waste Admin - Variable       | Integrated Waste Admin           | \$519,477                | \$519,477          | \$519,477          | \$1,592,150         | \$1,221,478        | \$149,762          | \$2,723,338         | \$7,245,159         |
| Cart Direct Variable Costs              | Subscribed Volume (carts)        | 2,035,669                | 2,093,144          | 2,192,954          | -                   | -                  | -                  | -                   | 6,321,768           |
| Bin Direct Variable Costs               | Labor Hours Bins                 | -                        | -                  | -                  | 5,000,106           | 1,960,886          | 391,816            | -                   | 7,352,807           |
| RO Direct Variable Costs                | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 3,489,690           | 3,489,690           |
| HHW to Residents                        | All Residential SW               | 337,718                  | -                  | -                  | -                   | -                  | -                  | -                   | 337,718             |
| Integrated Waste Admin - Bulky          | Automated Residential Collection | 211,043                  | -                  | -                  | -                   | -                  | -                  | -                   | 211,043             |
| Cart Direct Variable Costs - Bulky      | Automated Residential Collection | -                        | -                  | -                  | -                   | -                  | -                  | -                   | -                   |
|   |                                  | \$3,103,907              | \$2,612,621        | \$2,712,431        | \$6,592,256         | \$3,182,363        | \$541,578          | \$6,213,029         | \$24,958,185        |
| <b>Disposal and Processing Costs</b>    |                                  |                          |                    |                    |                     |                    |                    |                     |                     |
| SW Processing - Carts                   | Annual SW Cart Tonnage           | \$3,281,185              | \$0                | \$0                | \$0                 | \$0                | \$0                | \$0                 | \$3,281,185         |
| SW Processing - Bins                    | All Commercial SW Bins           | -                        | -                  | -                  | 5,096,319           | -                  | -                  | -                   | 5,096,319           |
| SW Processing - RO                      | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 4,321,182           | 4,321,182           |
| Recycling Processing - Carts            | Annual REC Cart Tonnage          | -                        | 643,690            | -                  | -                   | -                  | -                  | -                   | 643,690             |
| Recycling Processing - Bins             | All REC Bins                     | -                        | -                  | -                  | -                   | 431,175            | -                  | -                   | 431,175             |
| Recycling Processing - RO               | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 218,198             | 218,198             |
| YW/ ORG Processing - Carts              | Annual ORG Cart Tonnage          | -                        | -                  | 2,362,683          | -                   | -                  | -                  | -                   | 2,362,683           |
| YW/ ORG Processing - Bins               | All ORG Bins                     | -                        | -                  | -                  | -                   | -                  | 88,705             | -                   | 88,705              |
| YW/ ORG Processing - RO                 | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 105,893             | 105,893             |
| Food Waste Processing                   | All ORG Bins                     | -                        | -                  | -                  | -                   | -                  | 91,209             | -                   | 91,209              |
| Construction & Demolition Processing    | Labor Hours Roll-Off             | -                        | -                  | -                  | -                   | -                  | -                  | 1,264,085           | 1,264,085           |
|   |                                  | \$3,281,185              | \$643,690          | \$2,362,683        | \$5,096,319         | \$431,175          | \$179,914          | \$5,909,358         | \$17,904,323        |
| <b>Total Revenue Requirement</b>        |                                  | <b>\$8,251,105</b>       | <b>\$4,748,177</b> | <b>\$6,852,849</b> | <b>\$16,164,147</b> | <b>\$6,422,033</b> | <b>\$1,112,435</b> | <b>\$16,942,959</b> | <b>\$60,493,704</b> |

## FIXED COLLECTION COSTS

Fixed collection costs (Fixed Costs) are City costs that are not dependent on the subscribed service volume. Costs include such items as: customer service representatives, billing costs, human resources, etc. These costs are borne equally by each rate payer, regardless of the level of service, and do not vary based on the subscribed volume of service. **Figure 4-2**



## Cost-of-Service Study Update: FY 2025/2026

### Section 4. Rate Design – 2025 Cost-of-Service



shows the calculation of Fixed Costs per material stream. Fixed costs are divided by account for cart and bin service and the number of pulls for Roll-Off service.

**Figure 4-2. Fixed Collection Costs**

| Customer Class        |                   | Carts<br>All Materials | Bins<br>MSW  | Bins<br>Recycling | Bins<br>Organics | Roll-Off     |
|-----------------------|-------------------|------------------------|--------------|-------------------|------------------|--------------|
| Total Fixed Costs     | <b>A</b>          | \$ 5,112,669           | \$ 4,270,408 | \$ 2,759,363      | \$ 385,785       | \$ 4,820,572 |
| Accounts/Pulls        | <b>B</b>          | 103,378                | 3,200        | 2,455             | 301              | 28,695       |
| Annual Rate           | <b>A / B = C</b>  | \$ 49.46               | \$ 1,334.50  | \$ 1,123.98       | \$ 1,281.68      | \$ 167.99    |
| Monthly Rate per unit | <b>C / 12 = D</b> | \$ 4.12                | \$ 111.21    | \$ 93.66          | \$ 106.81        |              |

## VOLUMETRIC (VARIABLE) COLLECTION COSTS

Volumetric (variable) collection costs are proportional costs based on the subscribed size and type of container for Carts, Bins, and Roll-Off. To properly allocate the variable costs, the various factors identified below were calculated based on existing subscription levels of the City's residents and businesses. The variable collection costs exclude transfer and disposal and fixed costs, which are calculated separately.

### Equivalent Container Factors

The subscribed level of service of each customer, in essence, reserves that equivalent volume of space in the collection vehicle. The City must route its drivers and vehicles in order to ensure the collection trucks on those routes have sufficient capacity to accept the amount of material set out for collection by the customer. The size of the containers multiplied by the number of containers will determine the amount of truck capacity required. Further, the average route hours, collection truck capacity per load, and disposal trip time are integral to apportion volumetric costs.

An Equivalent Container Factor (ECF) was calculated to determine the variable component of the monthly rates as follows:

1. For a given material stream and customer class, the total number of containers of various sizes collected by a specific truck were gathered to find a total sum of containers.
2. Percentages of the number of containers versus the overall total number of containers were calculated.
3. For each container size collected, a theoretical maximum of container lifts to be collected was calculated by dividing the trucks' weight at capacity by a maximum weight of a single container collected.
4. The percentages in step 2 were multiplied by the lifts in step 3 to determine the total number of containers collected for each size in an ideal route.
5. The total number of containers in step 1 was divided by step 4 to determine the total number of loads required to service all containers in one week.

## Cost-of-Service Study Update: FY 2025/2026

### Section 4. Rate Design – 2025 Cost-of-Service



6. For each container size collected, the number of lifts in step 3 were divided by the total number of containers to calculate the adjusted loads if all customers subscribed to that size.
7. The variable collection costs divided by the number of loads per week calculated in step 5 were used to calculate a unit rate per load.
8. The unit rate per load was multiplied by the adjusted loads in step 6 to calculate a cost per load for each container size.
9. The ECF for each container size was calculated by dividing cost per load by the minimum cost per load of all container sizes.

**Figure 4-3** lists the ECFs for the Cart customer class. **Figure 4-4** lists the ECFs for the Bin customer class. **Figure 4-5** lists the ECFs for the Roll-Off customer class.

Separate trucks provide service to each customer class. Therefore, each computation of the ECF is specific to the subscription levels offered within a customer class that are collected by the specified truck. The ECF for compactor Roll-Off customers was assumed at a multiplier of 1.25 to recognize the supplemental material that can be accommodated with compacting when compared to a traditional Roll-Off bin with loose material.

**Figure 4-3. Cart Services Equivalent Container Factors**

| Cart Subscriptions | All Materials |
|--------------------|---------------|
|                    | ECF           |
| Carts (gallons)    |               |
| 32                 | 1.00          |
| 64                 | 2.64          |
| 96                 | 4.45          |

**Figure 4-4. Bin Services Equivalent Container Factors**

| Bin Subscriptions        | Solid Waste | Recycling | Organics/GW |
|--------------------------|-------------|-----------|-------------|
|                          | ECF         | ECF       | ECF         |
| Bins (Cubic Yards)       |             |           |             |
| 1.5                      | 1.00        | 1.00      | 1.00        |
| 2                        | 1.33        | 1.33      | 2.00        |
| 3                        | 2.32        | 2.36      | 3.00        |
| 4                        | 3.07        | 3.14      | 4.01        |
| 6                        | 5.87        | 5.45      | 6.00        |
| Compactors (Cubic Yards) |             |           |             |
| 1.5                      | n/a         | n/a       | 3.00        |
| 2                        | 3.07        | 3.14      | 4.01        |
| 3                        | 5.87        | 5.45      | 6.00        |
| 4                        | 8.56        | 7.25      | n/a         |
| 6                        | 18.36       | 13.87     | n/a         |



**Figure 4-5. Roll-Off Equivalent Container Factors**

| Roll-Off Subscriptions | ECF  |
|------------------------|------|
| MSW                    | 1.00 |
| REC/OCC                | 1.00 |
| Org/YW                 | 1.00 |
| C&D                    | 1.00 |
| MSW - Comp             | 1.25 |
| Recy - Comp            | 1.25 |
| Org/YW - Comp          | 1.25 |

### ***Equivalent Container Units***

Equivalent Container Units (ECU) were calculated to properly allocate the variable collection costs, excluding the transfer, disposal, and processing costs. ECUs were calculated by multiplying the number of containers by size, by the applicable ECF. Current containers in service were provided by the City from operational data. **Figure 4-6** shows the calculation of the ECUs for the Cart customer class. **Figure 4-7** shows the calculations of the ECUs for the bin customer class.

**Figure 4-6. Cart Equivalent Container Units**

| Cart Subscription           | ECF      | Total Lifts    | ECUs             |
|-----------------------------|----------|----------------|------------------|
|                             | <b>A</b> | <b>B</b>       | <b>A X B = C</b> |
| Solid Waste Carts (gallons) |          |                |                  |
| 32                          | 1.00     | 1,315          | 1,315            |
| 64                          | 2.64     | 4,810          | 12,713           |
| 96                          | 4.45     | 29,790         | 132,515          |
| Recycling Carts (gallons)   |          |                |                  |
| 32                          | 1.00     | -              | -                |
| 64                          | 2.64     | -              | -                |
| 96                          | 4.45     | 34,379         | 152,929          |
| Organic Carts (gallons)     |          |                |                  |
| 32                          | 1.00     | 2,456          | 2,456            |
| 64                          | 2.64     | 790            | 2,088            |
| 96                          | 4.45     | 34,673         | 154,237          |
| <b>Total Carts</b>          |          | <b>108,213</b> | <b>458,253</b>   |



**Figure 4-7. Bin Equivalent Container Units**

| Bin Subscription                              | ECF<br><b>A</b> | Total Lifts<br><b>B</b> | ECUs<br><b>A X B = C</b> |
|---|-----------------|-------------------------|--------------------------|
| Solid Waste Bins (Cubic Yards)                |                 |                         |                          |
| 1.5   | 1.00            | 549                     | 549                      |
| 2   | 1.33            | -                       | -                        |
| 3   | 2.32            | 1,406                   | 3,262                    |
| 4   | 3.07            | 7,503                   | 23,004                   |
| 6   | 5.87            | 387                     | 2,271                    |
| Solid Waste Compactors (Cubic Yards)          |                 |                         |                          |
| 2   | 3.07            | 76                      | 233                      |
| 3   | 5.87            | -                       | -                        |
| 4   | 8.56            | 6                       | 51                       |
| 6   | 18.36           | 12                      | 220                      |
| Recycling Bins (Cubic Yards)                  |                 |                         |                          |
| 1.5   | 1.00            | 1,408                   | 1,408                    |
| 2   | 1.33            | 13                      | 17                       |
| 3   | 2.36            | 526                     | 1,243                    |
| 4   | 3.14            | 2,042                   | 6,420                    |
| 6   | 5.45            | 128                     | 697                      |
| Recycling Compactors (Cubic Yards)            |                 |                         |                          |
| 2   | 3.14            | -                       | -                        |
| 3   | 5.45            | -                       | -                        |
| 4   | 7.25            | -                       | -                        |
| 6   | 13.87           | 2                       | 28                       |
| Organics/Green Waste (Cubic Yards)            |                 |                         |                          |
| 1.5   | 1.00            | 176                     | 176                      |
| 2   | 2.00            | 16                      | 32                       |
| 3   | 3.00            | 95                      | 285                      |
| 4   | 4.01            | 130                     | 521                      |
| 6   | 6.00            | 39                      | 234                      |
| Organics/Green Waste Compactors (Cubic Yards) |                 |                         |                          |
| 1.5   | 3.00            | -                       | -                        |
| 2   | 4.01            | -                       | -                        |
| 3   | 6.00            | -                       | -                        |
| <b>Total Commercial</b>                       |                 | <b>14,514</b>           | <b>40,653</b>            |

ECUs for Roll-Off service are calculated by multiplying the total number of pulls by material type and density (loose or compacted). Bins are collected separately, thus the capacity of one truck is not a concern. Each collection request requires a separate truck. The density of the material and the factor applied recognizes the added weight of the truck's load required if the material is compacted. **Figure 4-8** shows the calculation of the ECUs for the Roll-Off customer class.



**Figure 4-8. Roll-Off Equivalent Container Units**

| Roll-Off Subscriptions | ECF      | Pulls         | ECUs             |
|------------------------|----------|---------------|------------------|
|                        | <b>A</b> | <b>B</b>      | <b>A X B = C</b> |
| MSW                    | 1.00     | 13,118        | 13,118           |
| REC/OCC                | 1.00     | 3,481         | 3,481            |
| Org/YW                 | 1.00     | 1,940         | 1,940            |
| C&D                    | 1.00     | 3,106         | 3,106            |
| MSW - Comp             | 1.25     | 6,806         | 8,508            |
| Recy - Comp            | 1.25     | 244           | 305              |
| Org/YW - Comp          | 1.25     | -             | -                |
| <b>Total Roll-Off</b>  |          | <b>28,695</b> | <b>30,458</b>    |

### Variable Route Collection Costs Calculation – Solid Waste

Annual variable costs were determined based on the review of the City's direct operational costs. These variable costs vary based on the size, type, and number of containers and frequency of service. Costs include items such as: labor, equipment operation, and maintenance.

### Cart Customers

**Figure 4-9** shows the calculation of the monthly variable route collection costs per month for Cart customer services regardless of material stream. Annual variable costs were computed in **Figure 4-1**. ECUs were computed in **Figure 4-6**.

**Figure 4-9. Cart Variable Collection Costs per Month**

|  |             |            | Cart Size (Gallons) |         |         |
|--|-------------|------------|---------------------|---------|---------|
|  |             |            | 32                  | 64      | 96      |
| Annual Variable Costs (from Figure 4-1)            | \$8,412,351 | A          |                     |         |         |
| Equivalent Container Units (ECU) (from Figure 4-6) | 458,253     | B          |                     |         |         |
| Annual Variable Costs per ECU                      | \$18.36     | A / B = C  |                     |         |         |
| Monthly Variable Cost per ECU                      | \$1.53      | C / 12 = D |                     |         |         |
| Equivalent Container Factor                        |             | E          | 1.00                | 2.64    | 4.45    |
| Variable Route Collection Costs per Month*         |             | D x E      | \$ 1.53             | \$ 4.04 | \$ 6.80 |

\*Totals may vary slightly due to rounding

### Bin Customers

**Figures 4-10A-C** show the calculation of the monthly variable route collection costs per month for bin customer services by material stream. Annual variable costs were computed in **Figure 4-1**. ECUs were computed in **Figure 4-7**.

**Cost-of-Service Study Update: FY 2025/2026**  
Section 4. Rate Design – 2025 Cost-of-Service



**Figure 4-10A. Solid Waste Variable Route Collection Costs – Bins**

|  |                |                   | Solid Waste Bins (Cubic Yards) |         |         |         |                  |
|--|----------------|-------------------|--------------------------------|---------|---------|---------|------------------|
|  |                |                   | 1.5                            | 2       | 3       | 4       | 6                |
| Annual Variable Costs (from Figure 4-1) <sup>1</sup>   | \$6,180,715    | <b>A</b>          |                                |         |         |         |                  |
| Equivalent Container Units (ECU) (from Figure 4-6)     | 29,591         | <b>B</b>          |                                |         |         |         |                  |
| Annual Variable Costs per ECU                          | \$208.87       | <b>A / B = C</b>  |                                |         |         |         |                  |
| <b>Monthly Variable Cost per ECU</b>                   | <b>\$17.41</b> | <b>C / 12 = D</b> |                                |         |         |         |                  |
| Equivalent Container Factor                            |                | <b>E</b>          | 1.00                           | 1.33    | 2.32    | 3.07    | 5.87             |
| Variable Route Collection Costs per Month <sup>2</sup> |                |                   | <b>D x E</b>                   | \$17.41 | \$23.16 | \$40.39 | \$53.37 \$102.13 |

<sup>1</sup>Variable Costs are net frequency surcharge cost, which are applied to rates calculated with more than 1x/week frequency.

<sup>2</sup> Totals may vary slightly due to rounding.

**Figure 4-10B. Recyclable Materials Variable Route Collection Costs – Bins**

|  |                |                   | Recycling Bins (Cubic Yards) |         |         |         |                  |
|--|----------------|-------------------|------------------------------|---------|---------|---------|------------------|
|  |                |                   | 1.5                          | 2       | 3       | 4       | 6                |
| Annual Variable Costs (from Figure 4-1) <sup>1</sup>   | \$3,082,269    | <b>A</b>          |                              |         |         |         |                  |
| Equivalent Container Units (ECU) (from Figure 4-6)     | 9,814          | <b>B</b>          |                              |         |         |         |                  |
| Annual Variable Costs per ECU                          | \$314.08       | <b>A / B = C</b>  |                              |         |         |         |                  |
| <b>Monthly Variable Cost per ECU</b>                   | <b>\$26.17</b> | <b>C / 12 = D</b> |                              |         |         |         |                  |
| Equivalent Container Factor                            |                | <b>E</b>          | 1.00                         | 1.33    | 2.36    | 3.14    | 5.45             |
| Variable Route Collection Costs per Month <sup>2</sup> |                |                   | <b>D x E</b>                 | \$26.17 | \$34.88 | \$61.86 | \$82.29 \$142.56 |

<sup>1</sup>Variable Costs are net frequency surcharge cost, which are applied to rates calculated with more than 1x/week frequency.

<sup>2</sup> Totals may vary slightly due to rounding.

**Figure 4-10C. Organics Variable Route Collection Costs – Bins**

|  |                |                   | Organics/Green Waste (Cubic Yards) |         |         |          |                   |
|--|----------------|-------------------|------------------------------------|---------|---------|----------|-------------------|
|  |                |                   | 1.5                                | 2       | 3       | 4        | 6                 |
| Annual Variable Costs (from Figure 4-1) <sup>1</sup>   | \$532,986      | <b>A</b>          |                                    |         |         |          |                   |
| Equivalent Container Units (ECU) (from Figure 4-6)     | 1,248          | <b>B</b>          |                                    |         |         |          |                   |
| Annual Variable Costs per ECU                          | \$426.94       | <b>A / B = C</b>  |                                    |         |         |          |                   |
| <b>Monthly Variable Cost per ECU</b>                   | <b>\$35.58</b> | <b>C / 12 = D</b> |                                    |         |         |          |                   |
| Equivalent Container Factor                            |                | <b>E</b>          | 1.00                               | 2.00    | 3.00    | 4.01     | 6.00              |
| Variable Route Collection Costs per Month <sup>2</sup> |                |                   | <b>D x E</b>                       | \$35.58 | \$71.16 | \$106.73 | \$142.69 \$213.47 |

<sup>1</sup>Variable Costs are net frequency surcharge cost, which are applied to rates calculated with more than 1x/week frequency.

<sup>2</sup> Totals may vary slightly due to rounding.

## Roll-Off Customers

**Figure 4-11** shows the calculation of the monthly variable route collection costs per pull for Roll-Off services. The annual variable cost shown in **Figure 4-1** is divided by the ECUs calculated in **Figure 4-8**. The variable cost per pull is multiplied by the ECF identified in **Figure 4-8** for the loose and compacted bin options.

**Figure 4-11. Variable Route Collection Costs – Roll-Off**

|   |                 |                  | Roll-Off  |           |
|---|-----------------|------------------|-----------|-----------|
|   |                 |                  | Loose     | Compacted |
| Annual Variable Costs (From Figure 4-1) | \$6,213,029     | <b>A</b>         |           |           |
| Total Volume (Cubic Yards)              | 30,458          | <b>B</b>         |           |           |
| <b>Variable Cost per Pull</b>           | <b>\$203.99</b> | <b>A / B = C</b> |           |           |
| Compactor Factor                        |                 | <b>D</b>         | 1.00      | 1.25      |
| Variable Route Collection Cost per Pull |                 | <b>C x D = E</b> | \$ 203.99 | \$ 254.99 |





## DISPOSAL COLLECTION COSTS

The cost per gallon or cubic yard of service is calculated by dividing the projected disposal or processing costs by the number of subscribed gallons or cubic yards. **Figures 4-12A-F** summarizes the cost per month to dispose or process solid waste, recyclable materials, or organic materials for Carts and Bins. Because Roll-Off customers pay for disposal and processing costs directly based on the tons of material delivered to the respective facility, there is no calculation of disposal costs for the rates.

**Figure 4-12A. Solid Waste Disposal Costs – Carts**

|   |             |            | Solid Waste Cart Size (Gallons) |         |         |  |
|---|-------------|------------|---------------------------------|---------|---------|--|
|   |             |            | 32                              | 64      | 96      |  |
| Annual Disposal Costs (from Figure 4-1) | \$3,281,185 | A          |                                 |         |         |  |
| Annual Volume (gallons)                 | 3,209,760   | B          |                                 |         |         |  |
| Annual Disposal Costs per gallon        | \$1.02      | A / B = C  |                                 |         |         |  |
| Monthly Disposal Cost per gallon        | \$0.09      | C / 12 = D |                                 |         |         |  |
| Volume of Material                      |             | E          | 32                              | 64      | 96      |  |
| Disposal Costs per Month*               |             | D x E      | \$ 2.73                         | \$ 5.45 | \$ 8.18 |  |

\*Totals may vary slightly due to rounding

**Figure 4-12B. Recyclable Materials Processing Costs – Carts**

|   |           |            | Recycling Cart Size (Gallons) |         |         |
|---|-----------|------------|-------------------------------|---------|---------|
|   |           |            | 32                            | 64      | 96      |
| Annual Processing Costs (from Figure 4-1) | \$643,690 | A          |                               |         |         |
| Annual Volume (gallons)                   | 3,300,384 | B          |                               |         |         |
| Annual Processing Costs per gallon        | \$0.20    | A / B = C  |                               |         |         |
| Monthly Processing Cost per gallon        | \$0.02    | C / 12 = D |                               |         |         |
| Volume of Material                        |           | E          | 32                            | 64      | 96      |
| Processing Costs per Month*               |           | D x E      | \$ 0.52                       | \$ 1.04 | \$ 1.56 |

\*Totals may vary slightly due to rounding

**Figure 4-12C. Organic Materials Processing Costs – Carts**

|   |             |            | Organics Cart Size (Gallons) |         |         |
|---|-------------|------------|------------------------------|---------|---------|
|   |             |            | 32                           | 64      | 96      |
| Annual Processing Costs (from Figure 4-1) | \$2,362,683 | A          |                              |         |         |
| Annual Volume (gallons)                   | 3,457,760   | B          |                              |         |         |
| Annual Processing Costs per gallon        | \$0.68      | A / B = C  |                              |         |         |
| Monthly Processing Cost per gallon        | \$0.06      | C / 12 = D |                              |         |         |
| Volume of Material                        |             | E          | 32                           | 64      | 96      |
| Processing Costs per Month*               |             | D x E      | \$ 1.82                      | \$ 3.64 | \$ 5.47 |

\*Totals may vary slightly due to rounding

**Cost-of-Service Study Update: FY 2025/2026**  
Section 4. Rate Design – 2025 Cost-of-Service



**Figure 4-12D. Solid Waste Disposal Costs – Bins**

|   |                |                   | Solid Waste Bins (Cubic Yards) |         |         |         |         |
|---|----------------|-------------------|--------------------------------|---------|---------|---------|---------|
|   |                |                   | 1.5                            | 2       | 3       | 4       | 6       |
| Annual Disposal Costs (from Figure 4-1)     | \$5,096,319    | <b>A</b>          |                                |         |         |         |         |
| Annual Volume (cubic yards)                 | 37,872         | <b>B</b>          |                                |         |         |         |         |
| Annual Disposal Costs per cubic yard        | \$134.57       | <b>A / B = C</b>  |                                |         |         |         |         |
| <b>Monthly Disposal Cost per cubic yard</b> | <b>\$11.21</b> | <b>C / 12 = D</b> |                                |         |         |         |         |
| Volume of Material                          |                | <b>E</b>          | 1.5                            | 2       | 3       | 4       | 6       |
| Disposal Costs per Month*                   |                | <b>D x E</b>      | \$16.82                        | \$22.43 | \$33.64 | \$44.86 | \$67.28 |

\*Totals may vary slightly due to rounding

**Figure 4-12E. Recyclable Materials Processing Costs – Bins**

|   |               |                   | Recycling Bins (Cubic Yards) |        |        |         |         |
|---|---------------|-------------------|------------------------------|--------|--------|---------|---------|
|   |               |                   | 1.5                          | 2      | 3      | 4       | 6       |
| Annual Processing Costs (from Figure 4-1)     | \$431,175     | <b>A</b>          |                              |        |        |         |         |
| Annual Volume (cubic yard)                    | 12,676        | <b>B</b>          |                              |        |        |         |         |
| Annual Processing Costs per cubic yard        | \$34.02       | <b>A / B = C</b>  |                              |        |        |         |         |
| <b>Monthly Processing Cost per cubic yard</b> | <b>\$2.83</b> | <b>C / 12 = D</b> |                              |        |        |         |         |
| Volume of Material                            |               | <b>E</b>          | 1.5                          | 2      | 3      | 4       | 6       |
| Disposal Costs per Month*                     |               | <b>D x E</b>      | \$4.25                       | \$5.67 | \$8.50 | \$11.34 | \$17.01 |

\*Totals may vary slightly due to rounding

**Figure 4-12F. Organic Materials Processing Costs – Bins**

|   |               |                | Organics/Green Waste (Cubic Yards) |         |         |         |          |
|---|---------------|----------------|------------------------------------|---------|---------|---------|----------|
|   | Yard Waste    | Food Waste     | 1.5                                | 2       | 3       | 4       | 6        |
| Annual Processing Costs (from Figure 4-1)     | \$88,705      | \$91,209       |                                    |         |         |         |          |
| Annual Volume (cubic yard)                    | 1,005         | 330            |                                    |         |         |         |          |
| Annual Processing Costs per cubic yard        | \$88.26       | \$276.39       |                                    |         |         |         |          |
| <b>Monthly Processing Cost per cubic yard</b> | <b>\$7.36</b> | <b>\$23.03</b> |                                    |         |         |         |          |
| Volume of Material                            |               |                | 1.5                                | 2       | 3       | 4       | 6        |
| Processing Costs per Month - Yard Waste*      |               |                | \$11.03                            | \$14.71 | \$22.07 | \$29.42 | \$44.13  |
| Processing Costs per Month - Food Waste*      |               |                | \$34.55                            | \$46.06 | \$69.10 | \$92.13 | \$138.19 |

\*Totals may vary slightly due to rounding

## SUMMARY OF THE COST-OF-SERVICE RATES

### Cart Customers

**Figure 4-13** summarizes the COS for Cart customers. Fixed charges were calculated in **Figure 4-2**. Variable charges were calculated in **Figures 4-9A-C**. Disposal charges were calculated in **Figure 4-12A-C**.



**Figure 4-13. Cart Customers Monthly Rates**

| Monthly Rate        | Residential Carts |                |                | Commercial Carts |                |                |
|---------------------|-------------------|----------------|----------------|------------------|----------------|----------------|
|                     | 32                | 64             | 96             | 32               | 64             | 96             |
| <u>Solid Waste</u>  |                   |                |                |                  |                |                |
| Fixed Charge        | \$4.12            | \$4.12         | \$4.12         | \$4.12           | \$4.12         | \$4.12         |
| Variable Charge     | 1.53              | 4.04           | 6.80           | 1.53             | 4.04           | 6.80           |
| Disposal Charge     | 2.73              | 5.45           | 8.18           | 2.73             | 5.45           | 8.18           |
| <b>Total Charge</b> | <b>\$8.38</b>     | <b>\$13.62</b> | <b>\$19.10</b> | <b>\$8.38</b>    | <b>\$13.62</b> | <b>\$19.10</b> |
| <u>Recycling</u>    |                   |                |                |                  |                |                |
| Fixed Charge        | \$4.12            | \$4.12         | \$4.12         | \$4.12           | \$4.12         | \$4.12         |
| Variable Charge     | 1.53              | 4.04           | 6.80           | 1.53             | 4.04           | 6.80           |
| Disposal Charge     | 0.52              | 1.04           | 1.56           | 0.52             | 1.04           | 1.56           |
| <b>Total Charge</b> | <b>\$6.17</b>     | <b>\$9.20</b>  | <b>\$12.49</b> | <b>\$6.17</b>    | <b>\$9.20</b>  | <b>\$12.49</b> |
| <u>Organics</u>     |                   |                |                |                  |                |                |
| Fixed Charge        | \$4.12            | \$4.12         | \$4.12         | \$4.12           | \$4.12         | \$4.12         |
| Variable Charge     | 1.53              | 4.04           | 6.80           | 1.53             | 4.04           | 6.80           |
| Disposal Charge     | 1.82              | 3.64           | 5.47           | 1.82             | 3.64           | 5.47           |
| <b>Total Charge</b> | <b>\$7.47</b>     | <b>\$11.81</b> | <b>\$16.39</b> | <b>\$7.47</b>    | <b>\$11.81</b> | <b>\$16.39</b> |

## Bin Customers

**Figure 4-14** summarizes the cost of service for bin customers for collection of the first container collected once per week. Fixed charges were calculated in **Figure 4-2**. Variable charges were calculated in **Figures 4-10A-C**. Disposal charges were calculated in **Figure 4-13A-C**.

**Figure 4-14. Bin Customer Monthly Rates**

| Monthly Rate        | Bins            |                 |                 |                 |                 |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                     | 1.5 CY          | 2 CY            | 3 CY            | 4 CY            | 6 CY            |
| <u>Solid Waste</u>  |                 |                 |                 |                 |                 |
| Fixed Charge        | \$111.21        | \$111.21        | \$111.21        | \$111.21        | \$111.21        |
| Variable Charge     | 17.41           | 23.16           | 40.39           | 53.37           | 102.13          |
| Disposal Charge     | 16.82           | 22.43           | 33.64           | 44.86           | 67.28           |
| <b>Total Charge</b> | <b>\$145.44</b> | <b>\$156.79</b> | <b>\$185.24</b> | <b>\$209.43</b> | <b>\$280.62</b> |
| <u>Recycling</u>    |                 |                 |                 |                 |                 |
| Fixed Charge        | \$93.66         | \$93.66         | \$93.66         | \$93.66         | \$93.66         |
| Variable Charge     | 26.17           | 34.88           | 61.86           | 82.29           | 142.56          |
| Disposal Charge     | 4.25            | 5.67            | 8.50            | 11.34           | 17.01           |
| <b>Total Charge</b> | <b>\$124.09</b> | <b>\$134.21</b> | <b>\$164.03</b> | <b>\$187.29</b> | <b>\$253.23</b> |
| <u>Yard Waste</u>   |                 |                 |                 |                 |                 |
| Fixed Charge        | \$106.81        | \$106.81        | \$106.81        | \$106.81        | \$106.81        |
| Variable Charge     | 35.58           | 71.16           | 106.73          | 142.69          | 213.47          |
| Disposal Charge     | 11.03           | 14.71           | 22.07           | 29.42           | 44.13           |
| <b>Total Charge</b> | <b>\$153.42</b> | <b>\$192.67</b> | <b>\$235.61</b> | <b>\$278.92</b> | <b>\$364.41</b> |
| <u>Food Waste</u>   |                 |                 |                 |                 |                 |
| Fixed Charge        | \$106.81        | \$106.81        | \$106.81        | \$106.81        | \$106.81        |
| Variable Charge     | 35.58           | 71.16           | 106.73          | 142.69          | 213.47          |
| Disposal Charge     | 34.55           | 46.06           | 69.10           | 92.13           | 138.19          |
| <b>Total Charge</b> | <b>\$176.93</b> | <b>\$224.03</b> | <b>\$282.64</b> | <b>\$341.63</b> | <b>\$458.47</b> |



## ***Roll-Off***

**Figure 4-15** summarizes the cost of service for Roll-Off customers per pull. The per-pull charge does not include tipping fees which are charged based on the material weighed at the scales, and billed directly to the customer. Fixed charges were calculated in **Figure 4-2**. Variable charges were calculated in **Figure 4-11**.

**Figure 4-15. Roll-Off Collection Cost-of-Service Rates**

| <b>Per Pull Rate</b> | <b>Any Material / Size</b> |                  |
|----------------------|----------------------------|------------------|
|                      | <b>Loose</b>               | <b>Compacted</b> |
| Fixed Charge         | \$167.99                   | \$167.99         |
| Variable Charge      | 203.99                     | 254.99           |
| <b>Total Charge</b>  | <b>\$371.98</b>            | <b>\$422.98</b>  |



## Section 5. Implementation

HF&H performed the COS analysis and identified the variance between existing rates and the cost-of-service. **Figures 5-1, 5-2, and 5-3** reflect the rate adjustment if the City chooses to adopt full COS rates beginning FY 2025/26. As previously mentioned above, the significant increase in administrative expenses and have increased many of the rates. Commercial organics rates under COS are significantly lower than current rates as the current rates were initial estimates during the roll-out of the program and were conservative at the time. Increased participation and decrease in processing costs have calculated a lower rate. Roll-Off rates are increasing due to increased administrative costs that outweigh the increase in annual pulls.

**Figure 5-1. Current and COS Monthly Residential Rates**

| Solid Waste Container Size | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| Residential Rate - 32 Gal  | \$ 35.60      | \$ 37.26   | 4.7%     | \$ 38.47   | 3.3%     | \$ 43.08   | 12.0%    | \$ 46.17   | 7.2%     | \$ 48.10   | 4.2%     |
| Residential Rate - 64 Gal  | \$ 39.45      | \$ 42.50   | 7.7%     | \$ 43.88   | 3.3%     | \$ 49.14   | 12.0%    | \$ 52.66   | 7.2%     | \$ 54.87   | 4.2%     |
| Residential Rate - 96 Gal  | \$ 43.81      | \$ 47.98   | 9.5%     | \$ 49.54   | 3.3%     | \$ 55.49   | 12.0%    | \$ 59.46   | 7.2%     | \$ 61.95   | 4.2%     |

\*Note: Residential rates/service include selected refuse cart size, a 96 -gallon recycling cart, and a 96-gallon organics cart.

**Figure 5-2. Current and COS Monthly Commercial Rates**

| Refuse         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.81      | \$ 19.10   | 13.6%    | \$ 19.73   | 3.3%     | \$ 22.09   | 12.0%    | \$ 23.67   | 7.2%     | \$ 24.67   | 4.2%     |
| 1.5 Yard Bin   | \$140.01      | \$ 145.44  | 3.9%     | \$ 150.17  | 3.3%     | \$ 168.18  | 12.0%    | \$ 180.22  | 7.2%     | \$ 187.78  | 4.2%     |
| 2 Yard Bin     | \$154.23      | \$ 156.79  | 1.7%     | \$ 161.89  | 3.3%     | \$ 181.31  | 12.0%    | \$ 194.30  | 7.2%     | \$ 202.44  | 4.2%     |
| 3 Yard Bin     | \$179.09      | \$ 185.24  | 3.4%     | \$ 191.26  | 3.3%     | \$ 214.20  | 12.0%    | \$ 229.54  | 7.2%     | \$ 239.16  | 4.2%     |
| 4 Yard Bin     | \$213.25      | \$ 209.43  | -1.8%    | \$ 216.25  | 3.3%     | \$ 242.18  | 12.0%    | \$ 259.53  | 7.2%     | \$ 270.40  | 4.2%     |
| 6 Yard Bin     | \$281.57      | \$ 280.62  | -0.3%    | \$ 289.75  | 3.3%     | \$ 324.50  | 12.0%    | \$ 347.74  | 7.2%     | \$ 362.31  | 4.2%     |

| Recycling      | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 10.21      | \$ 12.49   | 22.3%    | \$ 12.89   | 3.3%     | \$ 14.44   | 12.0%    | \$ 15.47   | 7.2%     | \$ 16.12   | 4.2%     |
| 1.5 Yard Bin   | \$ 98.21      | \$ 124.09  | 26.4%    | \$ 128.13  | 3.3%     | \$ 143.49  | 12.0%    | \$ 153.77  | 7.2%     | \$ 160.22  | 4.2%     |
| 2 Yard Bin     | \$107.56      | \$ 134.21  | 24.8%    | \$ 138.58  | 3.3%     | \$ 155.20  | 12.0%    | \$ 166.32  | 7.2%     | \$ 173.29  | 4.2%     |
| 3 Yard Bin     | \$126.27      | \$ 164.03  | 29.9%    | \$ 169.36  | 3.3%     | \$ 189.68  | 12.0%    | \$ 203.26  | 7.2%     | \$ 211.78  | 4.2%     |
| 4 Yard Bin     | \$144.98      | \$ 187.29  | 29.2%    | \$ 193.39  | 3.3%     | \$ 216.58  | 12.0%    | \$ 232.09  | 7.2%     | \$ 241.82  | 4.2%     |
| 6 Yard Bin     | \$193.77      | \$ 253.23  | 30.7%    | \$ 261.47  | 3.3%     | \$ 292.83  | 12.0%    | \$ 313.80  | 7.2%     | \$ 326.95  | 4.2%     |

| Organics       | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 32 Gallon Cart | \$ 9.96       | \$ 7.47    | -25.0%   | \$ 7.72    | 3.3%     | \$ 8.64    | 12.0%    | \$ 9.26    | 7.2%     | \$ 9.65    | 4.2%     |
| 64 Gallon Cart | \$ 16.82      | \$ 11.81   | -29.8%   | \$ 12.19   | 3.3%     | \$ 13.66   | 12.0%    | \$ 14.63   | 7.2%     | \$ 15.25   | 4.2%     |
| 96 Gallon Cart | \$ 24.14      | \$ 16.39   | -32.1%   | \$ 16.93   | 3.3%     | \$ 18.96   | 12.0%    | \$ 20.31   | 7.2%     | \$ 21.17   | 4.2%     |
| 1.5 Yard Bin   | \$292.06      | \$ 176.93  | -39.4%   | \$ 182.69  | 3.3%     | \$ 204.60  | 12.0%    | \$ 219.25  | 7.2%     | \$ 228.44  | 4.2%     |
| 2 Yard Bin     | \$302.23      | \$ 224.03  | -25.9%   | \$ 231.32  | 3.3%     | \$ 259.06  | 12.0%    | \$ 277.61  | 7.2%     | \$ 289.25  | 4.2%     |
| 3 Yard Bin     | \$322.57      | \$ 282.64  | -12.4%   | \$ 291.83  | 3.3%     | \$ 326.84  | 12.0%    | \$ 350.24  | 7.2%     | \$ 364.92  | 4.2%     |

| Green Waste    | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.72      | \$ 16.39   | -2.0%    | \$ 16.93   | 3.3%     | \$ 18.96   | 12.0%    | \$ 20.31   | 7.2%     | \$ 21.17   | 4.2%     |
| 1.5 Yard Bin   | \$109.27      | \$ 153.42  | 40.4%    | \$ 158.41  | 3.3%     | \$ 177.41  | 12.0%    | \$ 190.11  | 7.2%     | \$ 198.08  | 4.2%     |
| 2 Yard Bin     | \$122.66      | \$ 192.67  | 57.1%    | \$ 198.94  | 3.3%     | \$ 222.80  | 12.0%    | \$ 238.76  | 7.2%     | \$ 248.77  | 4.2%     |
| 3 Yard Bin     | \$149.45      | \$ 235.61  | 57.6%    | \$ 243.27  | 3.3%     | \$ 272.45  | 12.0%    | \$ 291.96  | 7.2%     | \$ 304.20  | 4.2%     |

**Figure 5-3. Current and COS Per Pull Roll-Off Rates**

| Roll Off                         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 10 - 40 YD - Loose Material*     | \$247.61      | \$ 371.98  | 50.2%    | \$ 384.09  | 3.3%     | \$ 430.15  | 12.0%    | \$ 460.96  | 7.2%     | \$ 480.28  | 4.2%     |
| 10 - 40 YD - Compacted Material* | \$283.68      | \$ 422.98  | 49.1%    | \$ 436.74  | 3.3%     | \$ 489.13  | 12.0%    | \$ 524.16  | 7.2%     | \$ 546.12  | 4.2%     |

\*Disposal will be charged per ton in addition to the above per pull rate.

## Cost-of-Service Study Update: FY 2025/2026

### Section 5. Implementation



After reviewing the COS rates, the City chose to phase-in rates to achieve COS. Because the City has sufficient reserves to support phasing-in the COS rates, the City decided to use the reserves to phase in the COS rates over two years (FY 2025/26 and FY 2026/27) and to smooth the projected rate increases for FY 2027/28 through FY 2029/30. The phasing of the necessary increases will reduce the immediate impact to rate payers, as well as reduce the volatility of rates from one-time costs (e.g., vehicle replacements).

Rates were phased in one of the following methods: 1) Current rates that are higher than their cost-of-service are held flat until the year the cost-of-service rate is higher, 2) Current rates that are lower than their cost-of-service are phased over two years to meet the cost-of-service beginning FY 2027/28, 3) Commercial Organics rates were adjusted down to meet their cost-of-service in FY 2025/26 to align the estimated rates with cost-of-service. **Figures 5-4, 5-5, and 5-6** reflect the phased rates by customer class and container type.

**Figure 5-4. Current and Phased Monthly Residential Rates**

| Vaste Container Size      | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|---------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| Residential Rate - 32 Gal | \$ 35.60      | \$ 38.09   | 7.0%     | \$ 40.59   | 6.6%     | \$ 43.08   | 6.1%     | \$ 44.37   | 3.0%     | \$ 45.70   | 3.0%     |
| Residential Rate - 64 Gal | \$ 39.45      | \$ 42.68   | 8.2%     | \$ 45.91   | 7.6%     | \$ 49.14   | 7.0%     | \$ 50.61   | 3.0%     | \$ 52.13   | 3.0%     |
| Residential Rate - 96 Gal | \$ 43.81      | \$ 47.70   | 8.9%     | \$ 51.59   | 8.2%     | \$ 55.48   | 7.5%     | \$ 57.15   | 3.0%     | \$ 58.86   | 3.0%     |

\*Note: Residential rates/service include selected refuse cart size, a 96 -gallon recycling cart, and a 96-gallon organics cart.

**Figure 5-5. Current and Phased Monthly Commercial Rates**

| Refuse         | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.81      | \$ 18.57   | 10.5%    | \$ 20.33   | 9.5%     | \$ 22.09   | 8.7%     | \$ 22.75   | 3.0%     | \$ 23.44   | 3.0%     |
| 1.5 Yard Bin   | \$ 140.01     | \$ 149.40  | 6.7%     | \$ 158.78  | 6.3%     | \$ 168.17  | 5.9%     | \$ 173.22  | 3.0%     | \$ 178.41  | 3.0%     |
| 2 Yard Bin     | \$ 154.23     | \$ 163.25  | 5.8%     | \$ 172.28  | 5.5%     | \$ 181.30  | 5.2%     | \$ 186.74  | 3.0%     | \$ 192.35  | 3.0%     |
| 3 Yard Bin     | \$ 179.09     | \$ 190.79  | 6.5%     | \$ 202.49  | 6.1%     | \$ 214.19  | 5.8%     | \$ 220.62  | 3.0%     | \$ 227.24  | 3.0%     |
| 4 Yard Bin     | \$ 213.25     | \$ 222.89  | 4.5%     | \$ 232.53  | 4.3%     | \$ 242.17  | 4.1%     | \$ 249.44  | 3.0%     | \$ 256.92  | 3.0%     |
| 6 Yard Bin     | \$ 281.57     | \$ 295.88  | 5.1%     | \$ 310.18  | 4.8%     | \$ 324.49  | 4.6%     | \$ 334.22  | 3.0%     | \$ 344.25  | 3.0%     |

| Recycling      | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 10.21      | \$ 11.62   | 13.8%    | \$ 13.03   | 12.1%    | \$ 14.44   | 10.8%    | \$ 14.87   | 3.0%     | \$ 15.32   | 3.0%     |
| 1.5 Yard Bin   | \$ 98.21      | \$ 113.30  | 15.4%    | \$ 128.40  | 13.3%    | \$ 143.49  | 11.8%    | \$ 147.79  | 3.0%     | \$ 152.23  | 3.0%     |
| 2 Yard Bin     | \$ 107.56     | \$ 123.44  | 14.8%    | \$ 139.32  | 12.9%    | \$ 155.19  | 11.4%    | \$ 159.85  | 3.0%     | \$ 164.65  | 3.0%     |
| 3 Yard Bin     | \$ 126.27     | \$ 147.40  | 16.7%    | \$ 168.54  | 14.3%    | \$ 189.67  | 12.5%    | \$ 195.36  | 3.0%     | \$ 201.22  | 3.0%     |
| 4 Yard Bin     | \$ 144.98     | \$ 168.84  | 16.5%    | \$ 192.71  | 14.1%    | \$ 216.57  | 12.4%    | \$ 223.07  | 3.0%     | \$ 229.76  | 3.0%     |
| 6 Yard Bin     | \$ 193.77     | \$ 226.79  | 17.0%    | \$ 259.80  | 14.6%    | \$ 292.82  | 12.7%    | \$ 301.60  | 3.0%     | \$ 310.65  | 3.0%     |

| Organics       | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 32 Gallon Cart | \$ 9.96       | \$ 7.47    | -25.0%   | \$ 8.06    | 7.9%     | \$ 8.64    | 7.2%     | \$ 8.90    | 3.0%     | \$ 9.17    | 3.0%     |
| 64 Gallon Cart | \$ 16.82      | \$ 11.81   | -29.8%   | \$ 12.73   | 7.8%     | \$ 13.65   | 7.3%     | \$ 14.06   | 3.0%     | \$ 14.49   | 3.0%     |
| 96 Gallon Cart | \$ 24.14      | \$ 16.39   | -32.1%   | \$ 17.67   | 7.8%     | \$ 18.96   | 7.3%     | \$ 19.52   | 3.0%     | \$ 20.11   | 3.0%     |
| 1.5 Yard Bin   | \$ 292.06     | \$ 176.93  | -39.4%   | \$ 190.76  | 7.8%     | \$ 204.59  | 7.3%     | \$ 210.73  | 3.0%     | \$ 217.05  | 3.0%     |
| 2 Yard Bin     | \$ 302.23     | \$ 224.03  | -25.9%   | \$ 241.54  | 7.8%     | \$ 259.05  | 7.2%     | \$ 266.82  | 3.0%     | \$ 274.83  | 3.0%     |
| 3 Yard Bin     | \$ 322.57     | \$ 282.64  | -12.4%   | \$ 304.73  | 7.8%     | \$ 326.82  | 7.3%     | \$ 336.63  | 3.0%     | \$ 346.73  | 3.0%     |

| Green Waste    | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|----------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 96 Gallon Cart | \$ 16.72      | \$ 17.47   | 4.5%     | \$ 18.21   | 4.2%     | \$ 18.96   | 4.1%     | \$ 19.52   | 3.0%     | \$ 20.11   | 3.0%     |
| 1.5 Yard Bin   | \$ 109.27     | \$ 131.98  | 20.8%    | \$ 154.69  | 17.2%    | \$ 177.40  | 14.7%    | \$ 182.72  | 3.0%     | \$ 188.21  | 3.0%     |
| 2 Yard Bin     | \$ 122.66     | \$ 156.04  | 27.2%    | \$ 189.42  | 21.4%    | \$ 222.79  | 17.6%    | \$ 229.48  | 3.0%     | \$ 236.36  | 3.0%     |
| 3 Yard Bin     | \$ 149.45     | \$ 190.45  | 27.4%    | \$ 231.44  | 21.5%    | \$ 272.44  | 17.7%    | \$ 280.61  | 3.0%     | \$ 289.03  | 3.0%     |

**Figure 5-6. Current and Phased Per Pull Roll-Off Rates**

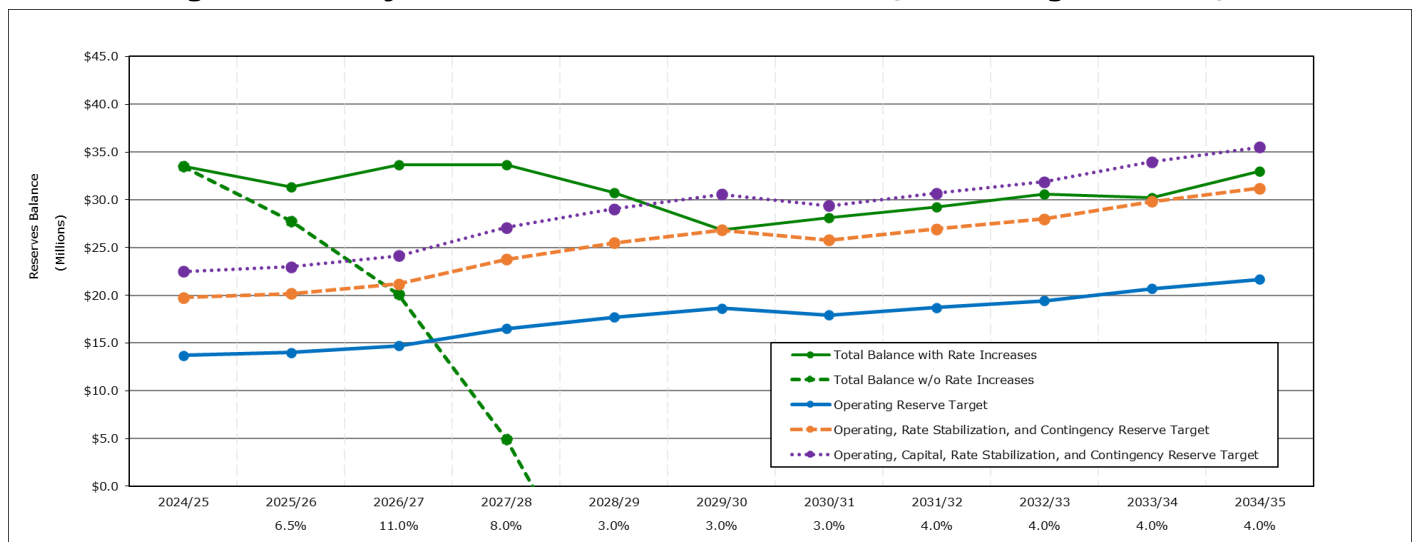
| Roll Off                        | Current Rates | FY 2025/26 | % Change | FY 2026/27 | % Change | FY 2027/28 | % Change | FY 2028/29 | % Change | FY 2029/30 | % Change |
|---------------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
| 10 - 40 YD - Loose Material*    | \$247.61      | \$ 308.45  | 24.6%    | \$ 369.29  | 19.7%    | \$ 430.14  | 16.5%    | \$ 443.04  | 3.0%     | \$ 456.33  | 3.0%     |
| 10 - 40 YD - Compacted Material | \$283.68      | \$ 352.16  | 24.1%    | \$ 420.63  | 19.4%    | \$ 489.11  | 16.3%    | \$ 503.78  | 3.0%     | \$ 518.89  | 3.0%     |

\*Disposal will be charged per ton in addition to the above per pull rate.



A projection of the City's reserve fund balance over the next ten years is provided in **Figure ES-8** below. The dashed green line represents the reserve fund balance if no rate increases are implemented. The blue line represents the City's operating reserve target of 3 months of operating expenditures. The dashed orange line represents the City's operating reserve target plus its rate stabilization policy and contingency reserve policy of 10% and 1% of operating reserves, respectively. The dotted purple line represents all previously mentioned reserve policies plus a capital reserve policy of an additional 5% of operating expenditures. The solid green line illustrates the reserve fund balance over the next ten years assuming the phased rate increases as described in **Figures ES-5, ES-6, and ES-7** above plus inflationary increases in outer years.

**Figure 5-7: Projected Reserve Balance – FY 2024/25 Through FY 2034/35**







# ATTACHMENT A

## Summary of COS Rate Model



# ATTACHMENT A - SUMMARY OF COS RATE MODEL

## City of Ontario Summary of Expenditures and Revenues

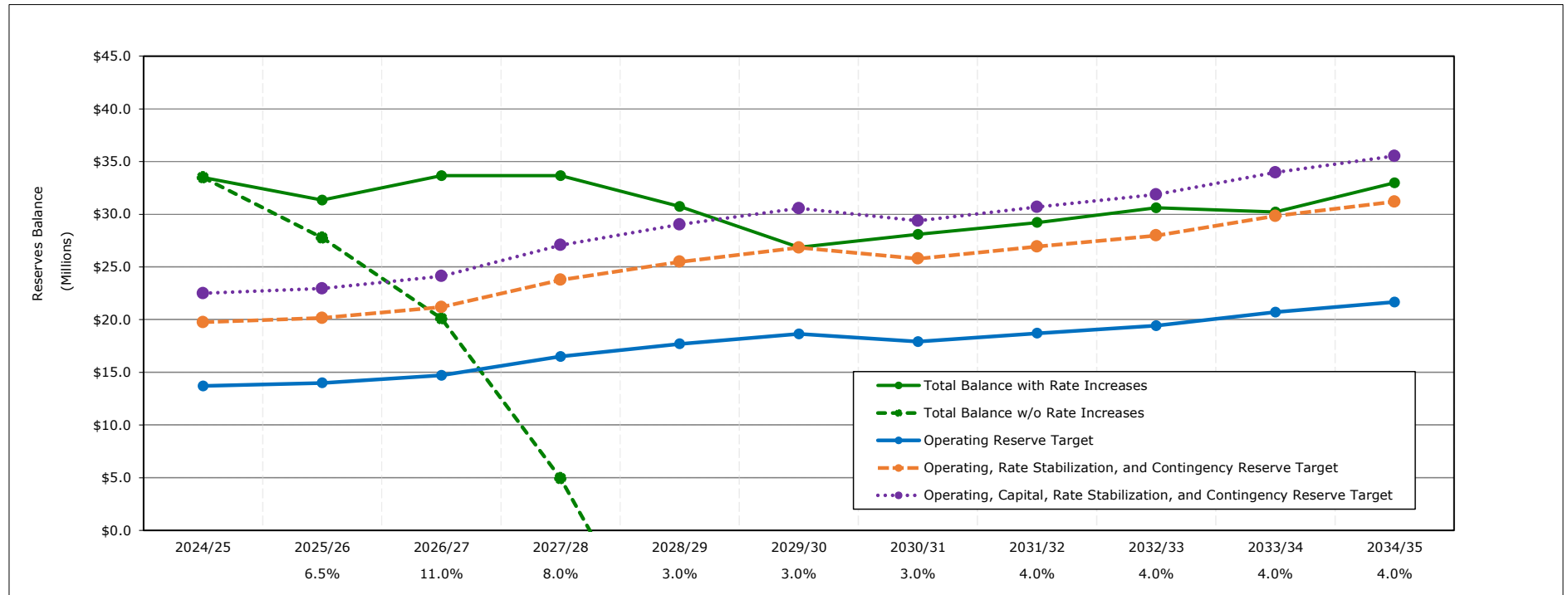
|   | FY 25/26<br>Projected<br>FY 2026 | FY 26/27<br>Projected<br>FY 2027 | FY 27/28<br>Projected<br>FY 2028 | FY 28/29<br>Projected<br>FY 2029 | FY 29/30<br>Projected<br>FY 2030 |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <b>REVENUES</b>                               |                                  |                                  |                                  |                                  |                                  |
| <b>Revenues from Existing Rates</b>           |                                  |                                  |                                  |                                  |                                  |
| Residential                                   | \$19,244,832                     | \$20,801,637                     | \$22,358,443                     | \$23,029,196                     | \$23,720,072                     |
| Commercial                                    | \$25,799,236                     | \$26,893,308                     | \$27,997,782                     | \$28,837,716                     | \$29,702,847                     |
| Industrial                                    | \$15,068,495                     | \$17,060,169                     | \$19,591,654                     | \$20,179,404                     | \$20,784,786                     |
| <b>Total Revenues from Rates</b>              | <b>\$60,112,563</b>              | <b>\$64,755,114</b>              | <b>\$69,947,879</b>              | <b>\$72,046,316</b>              | <b>\$74,207,705</b>              |
| Recycling                                     |                                  |                                  |                                  |                                  |                                  |
| Miscellaneous Revenues                        | \$1,403,160                      | \$1,447,021                      | \$1,492,416                      | \$1,539,401                      | \$1,588,030                      |
| Late Charges - Customer Billing               | \$414,000                        | \$428,490                        | \$443,487                        | \$459,009                        | \$475,075                        |
| Interest Income                               | \$491,639                        | \$491,639                        | \$491,639                        | \$491,639                        | \$491,639                        |
| Grant Revenue                                 | \$1,527,996                      | \$1,263,945                      | \$76,166                         | \$78,832                         | \$81,591                         |
| <b>TOTAL REVENUES</b>                         | <b>\$63,949,358</b>              | <b>\$68,386,208</b>              | <b>\$72,451,588</b>              | <b>\$74,615,196</b>              | <b>\$76,844,039</b>              |
| <b>REVENUE REQUIREMENTS</b>                   |                                  |                                  |                                  |                                  |                                  |
| <b>Direct O&amp;M Expenses</b>                | <b>\$39,673,475</b>              | <b>\$41,597,311</b>              | <b>\$46,909,199</b>              | <b>\$50,960,432</b>              | <b>\$53,992,044</b>              |
| Automated Collection (149)                    | \$14,379,951                     | \$15,454,048                     | \$17,088,373                     | \$18,675,497                     | \$20,396,451                     |
| Labor   | \$4,557,912                      | \$4,750,711                      | \$4,951,666                      | \$5,161,122                      | \$5,379,437                      |
| Vehicle                                       | \$1,763,856                      | \$2,199,354                      | \$3,161,382                      | \$4,040,678                      | \$5,016,336                      |
| General Overhead                              | \$1,432,908                      | \$1,481,191                      | \$1,531,165                      | \$1,582,888                      | \$1,636,421                      |
| Disposal, Processing, and HHW                 | \$6,625,275                      | \$7,022,792                      | \$7,444,159                      | \$7,890,809                      | \$8,364,257                      |
| Commercial Bin Collection (151)               | <b>\$15,288,915</b>              | <b>\$15,984,504</b>              | <b>\$18,379,531</b>              | <b>\$19,480,185</b>              | <b>\$20,194,489</b>              |
| Labor   | \$6,192,692                      | \$6,453,360                      | \$6,725,008                      | \$7,008,101                      | \$7,303,121                      |
| Vehicle                                       | \$1,160,115                      | \$1,198,664                      | \$2,903,234                      | \$3,278,255                      | \$3,229,890                      |
| General Overhead                              | \$2,228,700                      | \$2,282,629                      | \$2,338,446                      | \$2,396,216                      | \$2,456,008                      |
| Disposal and Processing                       | \$5,707,407                      | \$6,049,852                      | \$6,412,843                      | \$6,797,613                      | \$7,205,470                      |
| Roll-Off Bin Collection (152)                 | <b>\$10,004,610</b>              | <b>\$10,158,758</b>              | <b>\$11,441,296</b>              | <b>\$12,804,750</b>              | <b>\$13,401,103</b>              |
| Labor   | \$2,766,090                      | \$2,882,892                      | \$3,004,627                      | \$3,131,504                      | \$3,263,741                      |
| Vehicle                                       | \$723,600                        | \$385,641                        | \$1,149,138                      | \$1,965,108                      | \$1,983,937                      |
| General Overhead                              | \$605,561                        | \$626,305                        | \$647,776                        | \$669,997                        | \$692,997                        |
| Disposal and Processing                       | \$5,909,358                      | \$6,263,920                      | \$6,639,755                      | \$7,038,140                      | \$7,460,429                      |
| <b>SS/Supervision/Transfer to Other Funds</b> | <b>\$24,657,024</b>              | <b>\$24,492,977</b>              | <b>\$25,545,205</b>              | <b>\$26,568,881</b>              | <b>\$26,746,297</b>              |
| Street Sweep/Debris Removal (146)             | \$2,453,620                      | \$2,535,209                      | \$2,619,623                      | \$2,706,965                      | \$2,797,343                      |
| Integrated Waste Admin (147)                  | \$15,551,383                     | \$16,122,114                     | \$16,714,051                     | \$17,327,990                     | \$17,964,754                     |
| Transfers Out (999)                           | \$420,936                        | \$420,936                        | \$420,936                        | \$420,936                        | \$420,936                        |
| Utilities Customer Service (14)               | \$1,745,149                      | \$1,812,115                      | \$1,881,742                      | \$1,954,137                      | \$2,029,412                      |
| Municipal Service Center Renovation           | \$4,485,936                      | \$3,602,603                      | \$3,908,853                      | \$4,158,853                      | \$3,533,853                      |
| <b>TOTAL REVENUE REQUIREMENT</b>              | <b>\$64,330,499</b>              | <b>\$66,090,287</b>              | <b>\$72,454,404</b>              | <b>\$77,529,313</b>              | <b>\$80,738,341</b>              |
| <b>SURPLUS/(SHORTFALL)</b>                    | <b>(\$381,141)</b>               | <b>\$2,295,921</b>               | <b>(\$2,817)</b>                 | <b>(\$2,914,117)</b>             | <b>(\$3,894,302)</b>             |
| <b>BEGINNING RESERVE FUND BALANCE</b>         | <b>\$33,486,025</b>              | <b>\$33,104,884</b>              | <b>\$35,400,805</b>              | <b>\$35,397,988</b>              | <b>\$32,483,872</b>              |
| <b>SURPLUS/(SHORTFALL)</b>                    | <b>(\$381,141)</b>               | <b>\$2,295,921</b>               | <b>(\$2,817)</b>                 | <b>(\$2,914,117)</b>             | <b>(\$3,894,302)</b>             |
| <b>ENDING RESERVE FUND BALANCE</b>            | <b>\$33,104,884</b>              | <b>\$35,400,805</b>              | <b>\$35,397,988</b>              | <b>\$32,483,872</b>              | <b>\$28,589,570</b>              |

# ATTACHMENT A - SUMMARY OF COS RATE MODEL

| Fiscal year                   | 2024/25  | 2025/26                  | 2026/27      | 2027/28     | 2028/29                   | 2029/30       | 2030/31     | 2031/32     | 2032/33     | 2033/34     | 2034/35     |
|-------------------------------|----------|--------------------------|--------------|-------------|---------------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Eff. Date                     | 7/1/2024 | 7/1/2025                 | 7/1/2026     | 7/1/2027    | 7/1/2028                  | 7/1/2029      | 7/1/2030    | 7/1/2031    | 7/1/2032    | 7/1/2033    | 7/1/2034    |
| Full COS Implementation       |          | 10.41%                   | COS Phase-in | Achieve COS | Applied to full COS Rates |               |             |             |             |             |             |
| Annual Rate Revenue Increases |          | 3 Year Even Rate Phasing |              |             | 3.00%                     | 3.00%         | 3.00%       | 4.00%       | 4.00%       | 4.00%       | 4.00%       |
| Change in Reserves            |          | (\$2,134,929)            | \$2,314,443  | (\$2,817)   | (\$2,914,117)             | (\$3,894,302) | \$1,250,669 | \$1,112,874 | \$1,406,504 | (\$406,916) | \$2,768,364 |
| Cumulative Increases          |          | 6.5%                     | 18.2%        | 27.7%       | 31.5%                     | 35.4%         | 39.5%       | 45.1%       | 50.9%       | 56.9%       | 63.2%       |

## SCENARIO TRACKER

| Scenario A            | HF&H Proposed Scenario A                 | 2025/26       | 2026/27   | 2027/28   | 2028/29       | 2029/30     | 2030/31     | 2031/32     | 2032/33     | 2033/34   | 2034/35     |
|-----------------------|--|---------------|-----------|-----------|---------------|-------------|-------------|-------------|-------------|-----------|-------------|
| Overall Rate Increase |  | 9.50%         | 10.00%    | 0.00%     | 4.00%         | 3.00%       | 3.00%       | 3.00%       | 5.00%       | 4.00%     | 3.00%       |
| Change in Reserves    |  | (\$1,774,793) | \$802,403 | (\$2,809) | (\$7,218,458) | \$1,799,310 | \$1,869,091 | \$1,015,152 | \$2,132,874 | \$348,539 | \$2,649,918 |
| Scenario B            | Goal: Meet Operating Reserve by FY 29/30 | 2025/26       | 2026/27   | 2027/28   | 2028/29       | 2029/30     | 2030/31     | 2031/32     | 2032/33     | 2033/34   | 2034/35     |
| Overall Rate Increase |  |               |           |           |               |             |             |             |             |           |             |
| Change in Reserves    |  |               |           |           |               |             |             |             |             |           |             |
| Scenario C            | Goal: Meet Op & Rate Reserve by FY 29/30 | 2025/26       | 2026/27   | 2027/28   | 2028/29       | 2029/30     | 2030/31     | 2031/32     | 2032/33     | 2033/34   | 2034/35     |
| Overall Rate Increase |  |               |           |           |               |             |             |             |             |           |             |
| Change in Reserves    |  |               |           |           |               |             |             |             |             |           |             |
| Scenario D            |  | 2025/26       | 2026/27   | 2027/28   | 2028/29       | 2029/30     | 2030/31     | 2031/32     | 2032/33     | 2033/34   | 2034/35     |
| Overall Rate Increase | COS - For Report Tables Only             | 10.41%        | 3.25%     | 11.99%    | 7.16%         | 4.19%       | -3.74%      | 4.25%       | 3.68%       | 6.30%     | 4.38%       |
| Change in Reserves    | DO NOT USE ABOVE                         |               |           |           |               |             |             |             |             |           |             |

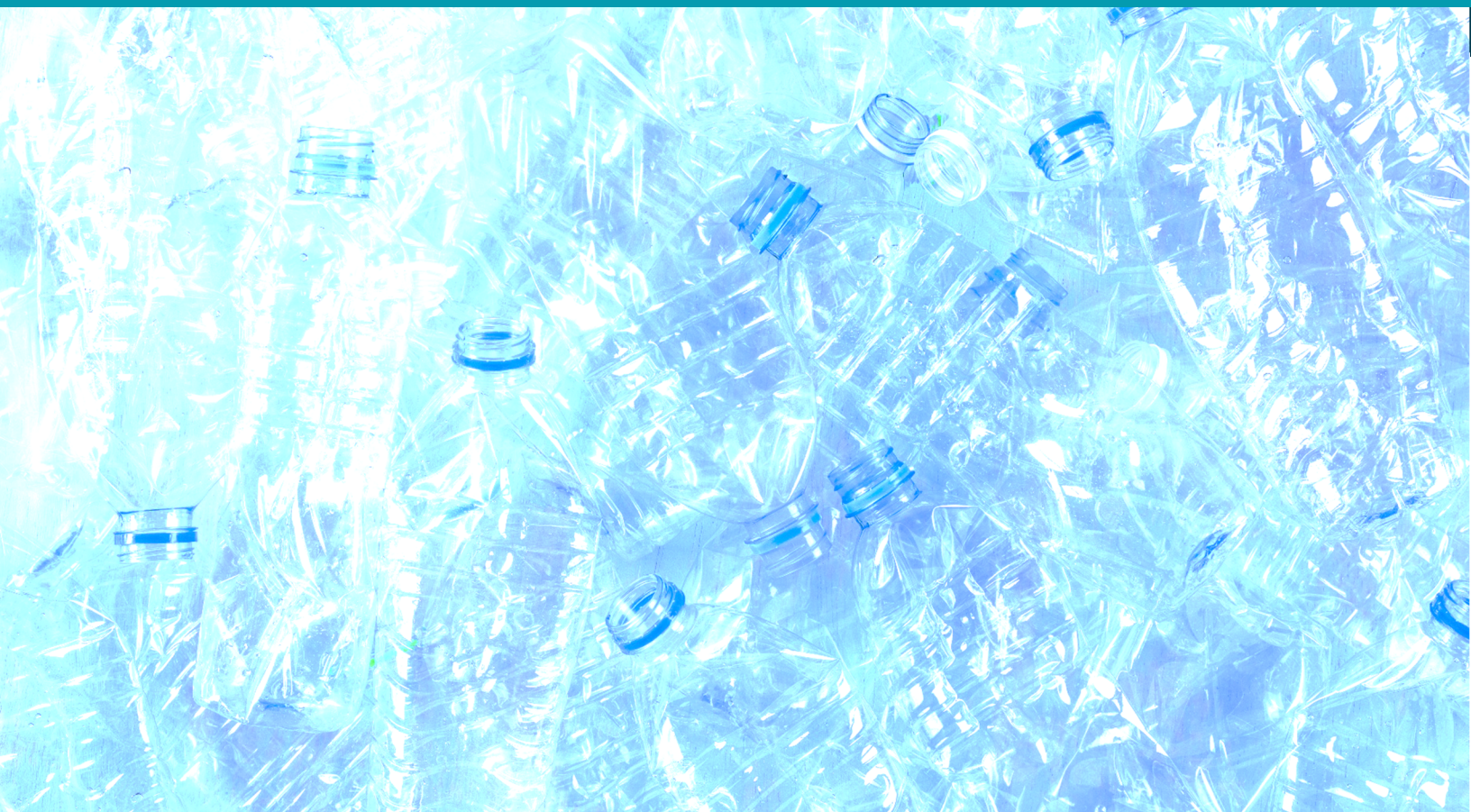






# ATTACHMENT B

## Summary of Allocation Factors



# ATTACHMENT B - SUMMARY OF ALLOCATION FACTORS

|                                    |              | Residential           |               |           |          |       | Commercial/Multi-family |                   |                 |                |                  |                |               |               |  |
|------------------------------------|--------------|-----------------------|---------------|-----------|----------|-------|-------------------------|-------------------|-----------------|----------------|------------------|----------------|---------------|---------------|--|
|                                    |              | Automated Residential |               |           |          |       |                         |                   |                 |                |                  |                |               |               |  |
|                                    |              |                       |               |           |          |       |                         |                   |                 |                |                  |                |               |               |  |
| Allocations                        | Total        | Collection            | Solid Waste   | Recycling | Organics | Bulky | Commercial Collection   | Solid Waste Carts | Recycling Carts | Organics Carts | Solid Waste Bins | Recycling Bins | Organics Bins | Roll-Off      |  |
| Subscribed volume                  | 957,669      |                       | 15,694        | 16,143    | 16,361   |       |                         | 196               | 196             | 756            | 37,624           | 12,664         | 1,335         | 856,700       |  |
| Subscribed volume %                | 100%         |                       | 1.6%          | 1.7%      | 1.7%     | 0.0%  |                         | 0.0%              | 0.0%            | 0.1%           | 3.9%             | 1.3%           | 0.1%          | 89.5%         |  |
| Subscribed volume (carts)          | 49,346       |                       | 15,694        | 16,143    | 16,361   |       |                         | 195.96            | 195.80          | 756.28         |                  |                |               |               |  |
| Subscribed volume (carts) %        | 100%         |                       | 31.8%         | 32.7%     | 33.2%    |       |                         | 0.4%              | 0.4%            | 1.5%           |                  |                |               |               |  |
| Subscribed volume (bins)           | 51,623       |                       |               |           |          |       |                         |                   |                 |                | 37,624           | 12,664         | 1,335         |               |  |
| Subscribed volume (bins) %         | 100%         |                       |               |           |          |       |                         |                   |                 |                | 72.9%            | 24.5%          | 2.6%          |               |  |
| Utilities Customer Service         | 1,808        |                       | 121           | 121       | 121      |       |                         |                   |                 |                | 388.54           | 298.08         | 37            | 723           |  |
| Utilities Customer Service %       | 100%         |                       | 6.7%          | 6.7%      | 6.7%     |       |                         |                   |                 |                | 21.5%            | 16.5%          | 2.0%          | 40.0%         |  |
| Integrated Waste Admin             | 3,211        |                       | 230           | 230       | 230      |       |                         |                   |                 |                | 705.57           | 541.30         | 66            | 1,207         |  |
| Integrated Waste Admin %           | 100%         |                       | 7.2%          | 7.2%      | 7.2%     |       |                         |                   |                 |                | 22.0%            | 16.9%          | 2.1%          | 37.6%         |  |
| Route Hours                        | 2,550        |                       | 457           | 326       | 247      | 83    |                         | 6                 | 4               | 125            | 554              | 217            | 43            | 489           |  |
| Route Hours %                      | 100%         |                       | 17.9%         | 12.8%     | 9.7%     | 3.2%  |                         | 0.2%              | 0.2%            | 4.9%           | 21.7%            | 8.5%           | 1.7%          | 19.2%         |  |
| Route Hours (Excl Bulky)           | 2,468        |                       | 457           | 326       | 247      |       |                         | 6                 | 4               | 125            | 554              | 217            | 43            | 489           |  |
| Route Hours (Excl Bulky) %         | 100%         |                       | 18.5%         | 13.2%     | 10.0%    |       |                         | 0.2%              | 0.2%            | 5.1%           | 22.4%            | 8.8%           | 1.8%          | 19.8%         |  |
| Annual Tonnage                     | 207,263      |                       | 35,786        | 8,294     | 14,487   | 661   |                         | 309               | 106             | 572            | 59,239           | 6,848          | 1,009         | 79,955        |  |
| Annual Tonnage %                   | 100%         |                       | 17.3%         | 4.0%      | 7.0%     | 0.3%  |                         | 0.1%              | 0.1%            | 0.3%           | 28.6%            | 3.3%           | 0.5%          | 38.6%         |  |
| Annual SW Tonnage                  | 95,994       |                       | 35,786        |           |          | 661   |                         | 309               |                 |                | 59,239           |                |               |               |  |
| Annual SW Tonnage %                | 100%         |                       | 37.3%         |           |          | 0.7%  |                         | 0.3%              |                 |                | 61.7%            |                |               |               |  |
| Annual SW Cart Tonnage             | 36,755       |                       | 35,786        |           |          | 661   |                         | 309               |                 |                |                  |                |               |               |  |
| Annual SW Cart Tonnage %           | 100%         |                       | 97.4%         |           |          | 1.8%  |                         | 0.8%              |                 |                |                  |                |               |               |  |
| Annual REC Tonnage                 | 15,248       |                       |               | 8,294     |          |       |                         |                   | 106             |                |                  | 6,848          |               |               |  |
| Annual REC Tonnage %               | 100%         |                       |               | 54.4%     |          |       |                         |                   | 0.7%            |                |                  | 44.9%          |               |               |  |
| Annual REC Cart Tonnage            | 8,400        |                       |               | 8,294     |          |       |                         |                   | 106             |                |                  |                |               |               |  |
| Annual REC Cart Tonnage %          | 100%         |                       |               | 98.7%     |          |       |                         |                   | 1.3%            |                |                  |                |               |               |  |
| Annual ORG Tonnage                 | 16,067       |                       |               |           | 14,487   |       |                         |                   |                 | 572            |                  |                | 1,009         |               |  |
| Annual ORG Tonnage %               | 100%         |                       |               |           | 90.2%    |       |                         |                   |                 | 3.6%           |                  |                | 6.3%          |               |  |
| Annual ORG Cart Tonnage            | 15,058       |                       |               |           | 14,487   |       |                         |                   |                 | 572            |                  |                |               |               |  |
| Annual ORG Cart Tonnage %          | 100%         |                       |               |           | 96.2%    |       |                         |                   |                 | 3.8%           |                  |                |               |               |  |
| Overall Account Allocation         | 109,334      |                       | 33,283        | 33,283    | 33,283   |       |                         | 380               | 371             | 2,778          | 3,200            | 2,455          | 301           |               |  |
| Overall Account Allocation %       | 100%         |                       | 30.4%         | 30.4%     | 30.4%    | 0.0%  |                         | 0.3%              | 0.3%            | 2.5%           | 2.9%             | 2.2%           | 0.3%          |               |  |
| SW Account Allocation              | 36,863       |                       | 33,283        |           |          |       |                         | 380               |                 |                | 3,200            |                |               |               |  |
| SW Account Allocation %            | 100%         |                       | 90.3%         |           |          |       |                         | 1.0%              |                 |                | 8.7%             |                |               |               |  |
| REC Account Allocation             | 36,109       |                       |               | 33,283    |          |       |                         |                   | 371             |                |                  | 2,455          |               |               |  |
| REC Account Allocation %           | 100%         |                       |               | 92.2%     |          |       |                         |                   | 1.0%            |                |                  | 6.8%           |               |               |  |
| ORG Account Allocation             | 36,362       |                       |               |           | 33,283   |       |                         |                   |                 | 2,778          |                  |                | 301           |               |  |
| ORG Account Allocation %           | 100%         |                       |               |           | 91.5%    |       |                         |                   |                 | 7.6%           |                  |                | 0.8%          |               |  |
| Residential Only                   | 0            | 1%                    |               |           |          |       |                         |                   |                 |                |                  |                |               |               |  |
| Residential Only %                 | 100%         | 100.0%                |               |           |          |       |                         |                   |                 |                |                  |                |               |               |  |
| Curb miles                         | 62,491       | 40,374                | 24,670        | 5,718     | 9986.6   |       | 11,799                  | 53.5              | 18.4            | 99.0           | 10,266.4         | 1,186.8        | 174.8         | 10,318        |  |
| Curb miles %                       | 100%         |                       | 39.5%         | 9.1%      | 16.0%    |       |                         | 0.1%              | 0.0%            | 0.2%           | 16.4%            | 1.9%           | 0.3%          | 16.5%         |  |
| Curb Miles and Annual Tonnage      | 62,491       |                       | 24,670        | 5,718     | 9,987    |       |                         | 53                | 18              | 99             | 10,266           | 1,187          | 175           | 10,318        |  |
| Curb Miles and Annual Tonnage %    | 100%         |                       | 39.5%         | 9.1%      | 16.0%    |       |                         | 0.1%              | 0.0%            | 0.2%           | 16.4%            | 1.9%           | 0.3%          | 16.5%         |  |
| Labor Hours All LOB (Excl Bulky)   | 3282         |                       | 457           | 326       | 247      |       |                         | 6                 | 4               | 125            | 1108             | 435            | 87            | 489           |  |
| Labor Hours All LOB (Excl Bulky) % | 100%         |                       | 14%           | 10%       | 8%       |       |                         | 0%                | 0%              | 4%             | 34%              | 13%            | 3%            | 15%           |  |
| Labor Hours Carts                  | 1164         |                       | 457           | 326       | 247      | 0     |                         | 6                 | 4               | 125            |                  |                |               |               |  |
| Labor Hours Carts %                | 100%         |                       | 39%           | 28%       | 21%      | 0%    |                         | 0%                | 0%              | 11%            |                  |                |               |               |  |
| Labor Hours (Excl Bulky) Carts     | 1164         |                       | 457           | 326       | 247      |       |                         | 6                 | 4               | 125            |                  |                |               |               |  |
| Labor Hours (Excl Bulky) Carts %   | 100%         |                       | 39%           | 28%       | 21%      |       |                         | 0%                | 0%              | 11%            |                  |                |               |               |  |
| Labor Hours Bins                   | 1629         |                       |               |           |          |       |                         |                   |                 |                | 1108             | 435            | 87            |               |  |
| Labor Hours Bins %                 | 100%         |                       |               |           |          |       |                         |                   |                 |                | 68%              | 27%            | 5%            |               |  |
| Labor Hours Roll-Off               | 489          |                       |               |           |          |       |                         |                   |                 |                |                  |                |               | 489           |  |
| Labor Hours Roll-Off %             | 100%         |                       |               |           |          |       |                         |                   |                 |                |                  |                |               | 100%          |  |
| Revenue by Service Sector          | \$54,788,143 |                       | \$ 17,688,026 |           |          |       |                         | \$ 83,226         | \$ 49,066       | \$ 521,453     | \$17,964,577     | \$ 5,438,413   | \$ 977,864    | \$ 12,065,517 |  |
| Revenue by Service Sector %        | 100%         |                       | 32.3%         |           |          |       |                         | 0.2%              | 0.1%            | 1.0%           | 32.8%            | 9.9%           | 1.8%          | 22.0%         |  |
| Total Lifts                        | 122,220      |                       | 35,490        | 33,967    | 34,427   |       |                         | 425               | 412             | 3,278          | 9,939            | 4,119          | 163           |               |  |
| Total Lifts %                      | 100%         |                       | 29.0%         | 27.8%     | 28.2%    | 0.0%  |                         | 0.3%              | 0.3%            | 2.7%           | 8.1%             | 3.4%           | 0.1%          |               |  |
| Solid Waste Lifts                  | 45,854       |                       | 35,490        |           |          |       |                         | 425               |                 |                | 9,939            |                |               |               |  |
| Solid Waste Lifts %                | 100%         |                       | 77.4%         |           |          |       |                         | 0.9%              |                 |                | 21.7%            |                |               |               |  |
| Recycling Lifts                    | 38,498       |                       |               | 33,967    |          |       |                         |                   | 412             |                |                  | 4,119          |               |               |  |
| Recycling Lifts %                  | 100%         |                       |               | 88.2%     |          |       |                         |                   | 1.1%            |                |                  | 10.7%          |               |               |  |
| Organics Lifts                     | 37,868       |                       |               |           | 34,427   |       |                         |                   |                 | 3,278          |                  |                | 163           |               |  |
| Organics Lifts %                   | 100%         |                       |               |           | 90.9%    |       |                         |                   |                 | 8.7%           |                  |                | 0.4%          |               |  |
| Late Charges Custom                | 1            |                       | 0.11          | 0.11      | 0.11     |       |                         | 0.11              | 0.11            | 0.11           | 0.11             | 0.11           | 0             |               |  |
| Late Charges Custom %              | 100%         |                       | 11.1%         | 11.1%     | 11.1%    |       |                         | 11.1%             | 11.1%           | 11.1%          | 11.1%            | 11.1%          | 11.1%         |               |  |

# ATTACHMENT B - SUMMARY OF ALLOCATION FACTORS

| Cost Categories                                   | Allocation                       | Total cost    | Residential                    |              |              |              |           |                               | Commercial/Multi-family |                 |                |                  |                |               |              | Roll-Off    | Total Computed |
|---|----------------------------------|---------------|--------------------------------|--------------|--------------|--------------|-----------|-------------------------------|-------------------------|-----------------|----------------|------------------|----------------|---------------|--------------|-------------|----------------|
|   |                                  |               | Residential SW ONLY Collection | Solid Waste  | Recycling    | Organics     | Bulky     | Commercial SW ONLY Collection | Solid Waste Carts       | Recycling Carts | Organics Carts | Solid Waste Bins | Recycling Bins | Organics Bins |              |             |                |
| Fixed Costs                                       |                                  |               |                                |              |              |              |           |                               |                         |                 |                |                  |                |               |              |             |                |
| Utilities Customer Service                        | Utilities Customer Service       | \$1,745,149   | \$ -                           | \$ 116,343   | \$ 116,343   | \$ 116,343   | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 375,049       | \$ 287,733     | \$ 35,278     | \$ 698,059   | \$1,745,149 |                |
| Integrated Waste Admin - Fixed                    | Integrated Waste Admin           | \$8,095,181   | \$ -                           | \$ 580,423   | \$ 580,423   | \$ 580,423   | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 1,778,946     | \$ 1,364,785   | \$ 167,332    | \$ 3,042,848 | \$8,095,181 |                |
| Customer Information System Replacement           | Integrated Waste Admin           | \$68,750      | \$ -                           | \$ 4,929     | \$ 4,929     | \$ 4,929     | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 15,108        | \$ 11,591      | \$ 1,421      | \$ 25,842    | \$68,750    |                |
| Bioswale Drainage                                 | Integrated Waste Admin           | \$12,000      | \$ -                           | \$ 860       | \$ 860       | \$ 860       | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 2,637         | \$ 2,023       | \$ 248        | \$ 4,511     | \$12,000    |                |
| Municipal Services Center Relocation              | Integrated Waste Admin           | \$4,321,853   | \$ -                           | \$ 309,876   | \$ 309,876   | \$ 309,876   | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 949,743       | \$ 728,631     | \$ 89,335     | \$ 1,624,515 | \$4,321,853 |                |
| Public Works Order Management Upgrade             | Integrated Waste Admin           | \$83,333      | \$ -                           | \$ 5,975     | \$ 5,975     | \$ 5,975     | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 18,313        | \$ 14,049      | \$ 1,723      | \$ 31,324    | \$83,333    |                |
| Municipal Services Project                        | Route Hours                      | \$0           | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$0         |                |
| Transfer Out                                      | Route Hours                      | \$420,936     | \$ -                           | \$ 75,416    | \$ 53,749    | \$ 40,715    | \$ 13,618 | \$ -                          | \$ 942                  | \$ 652          | \$ 20,659      | \$ 91,442        | \$ 35,861      | \$ 7,166      | \$ 80,717    | \$420,936   |                |
| Non-Rate Revenue                                  |                                  |               |                                |              |              |              |           |                               |                         |                 |                |                  |                |               |              |             |                |
| Recycling   | Annual REC Tonnage               | (\$150,000)   | \$ -                           | \$ -         | \$ (81,590)  | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ (1,042)     | \$ -             | \$ -           | \$ (67,368)   | \$ -         | \$ -        | (\$150,000)    |
| Dead Run Charges                                  | Labor Hours Roll-Off             | (\$1,253,160) | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | (\$1,253,160)  |
| Late Charges                                      | Overall Account Allocation       | (\$414,000)   | \$ -                           | \$ (126,028) | \$ (126,028) | \$ (126,028) | \$ -      | \$ -                          | \$ (1,439)              | \$ (1,405)      | \$ (10,519)    | \$ (12,117)      | \$ (9,296)     | \$ (1,140)    | \$ -         | \$ -        | (\$414,000)    |
| Interest Income                                   | Revenue by Service Sector        | (\$491,639)   | \$ -                           | \$ (158,723) | \$ -         | \$ -         | \$ -      | \$ -                          | \$ (747)                | \$ (440)        | \$ (4,679)     | \$ (161,204)     | \$ (48,801)    | \$ (8,775)    | \$ (108,269) | \$ -        | (\$491,639)    |
| Grant Revenue                                     | Revenue by Service Sector        | (\$1,527,996) | \$ -                           | \$ (493,304) | \$ -         | \$ -         | \$ -      | \$ -                          | \$ (2,321)              | \$ (1,368)      | \$ (14,543)    | \$ (501,017)     | \$ (151,673)   | \$ (27,272)   | \$ (336,497) | \$ -        | (\$1,527,996)  |
| Double Counted Extra Cart Depreciation            |                                  |               |                                |              |              |              |           |                               |                         |                 |                |                  |                |               |              |             |                |
| Cart General Overhead                             | Labor Hours Carts                | \$1,432,908   | \$ -                           | \$ 562,446   | \$ 400,854   | \$ 303,650   | \$ -      | \$ -                          | \$ 7,023                | \$ 4,862        | \$ 154,073     | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$1,432,908    |
| Bin General Overhead                              | Labor Hours Bins                 | \$2,228,700   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 1,515,576     | \$ 594,362     | \$ 118,763    | \$ -         | \$ -        | \$2,228,700    |
| RO General Overhead                               | Labor Hours Roll-Off             | \$605,561     | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$605,561      |
| Depreciation - Carts                              | Labor Hours Carts                | \$0           | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$0            |
| Depreciation - Bins                               | Labor Hours Bins                 | \$0           | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$0            |
| Depreciation - Rolloff                            | Labor Hours Roll-Off             | \$0           | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$0            |
| Street Sweeping                                   | Curb Miles and Annual Tonnage    | \$2,453,620   | \$ -                           | \$ 968,623   | \$ 224,494   | \$ 392,111   | \$ -      | \$ -                          | \$ 2,100                | \$ 720          | \$ 3,889       | \$ 403,098       | \$ 46,600      | \$ 6,865      | \$ 405,122   | \$ -        | \$2,453,620    |
| Variable Costs                                    |                                  |               |                                |              |              |              |           |                               |                         |                 |                |                  |                |               |              |             |                |
| Integrated Waste Admin - Variable                 | Integrated Waste Admin           | \$7,245,159   | \$ -                           | \$ 519,477   | \$ 519,477   | \$ 519,477   | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 1,592,150     | \$ 1,221,478   | \$ 149,762    | \$ 2,723,338 | \$ -        | \$7,245,159    |
| Cart Direct Variable Costs                        | Subscribed Volume (carts)        | \$6,321,768   | \$ -                           | \$ 2,010,565 | \$ 2,068,060 | \$ 2,096,067 | \$ -      | \$ -                          | \$ 25,105               | \$ 25,084       | \$ 96,887      | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$6,321,768    |
| Bin Direct Variable Costs                         | Labor Hours Bins                 | \$7,352,807   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 5,000,106     | \$ 1,960,886   | \$ 391,816    | \$ -         | \$ -        | \$7,352,807    |
| RO Direct Variable Costs                          | Labor Hours Roll-Off             | \$3,489,690   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$3,489,690    |
| HHW available to Residential only and Sharps Cont | All Residential SW               | \$337,718     | \$ -                           | \$ 337,718   | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$337,718      |
| Integrated Waste Admin - Variable (bulky only)    | Automated Residential Collection | \$211,043     | \$ 211,043                     | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$211,043      |
| Cart Direct Variable Costs (bulky only)           | Automated Residential Collection | \$0           | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$0            |
| Disposal/Processing Costs                         |                                  |               |                                |              |              |              |           |                               |                         |                 |                |                  |                |               |              |             |                |
| SW Processing - Carts                             | Annual SW Cart Tonnage           | \$3,281,185   | \$ -                           | \$ 3,194,669 | \$ -         | \$ -         | \$ 58,971 | \$ -                          | \$ 27,544               | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$3,281,185    |
| SW Processing - Bins                              | All Commercial SW Bins           | \$5,096,319   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ 5,096,319     | \$ -           | \$ -          | \$ -         | \$ -        | \$5,096,319    |
| SW Processing - RO                                | Labor Hours Roll-Off             | \$4,321,182   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$4,321,182    |
| Recycling Processing - Carts                      | Annual REC Cart Tonnage          | \$643,690     | \$ -                           | \$ -         | \$ 635,576   | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ 8,114        | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$643,690      |
| Recycling Processing - Bins                       | All REC Bins                     | \$431,175     | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ 431,175     | \$ -          | \$ -         | \$ -        | \$431,175      |
| Recycling Processing - RO                         | Labor Hours Roll-Off             | \$218,198     | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$218,198      |
| YW/ ORG Processing - Carts                        | Annual ORG Cart Tonnage          | \$2,362,683   | \$ -                           | \$ -         | \$ -         | \$ 2,273,011 | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ 89,672      | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$2,362,683    |
| YW/ ORG Processing - Bins                         | All ORG Bins                     | \$88,705      | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ 88,705     | \$ -         | \$ -        | \$88,705       |
| YW/ ORG Processing - RO                           | Labor Hours Roll-Off             | \$105,893     | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$105,893      |
| Food Waste Processing                             | All ORG Bins                     | \$91,209      | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ 91,209     | \$ -         | \$ -        | \$91,209       |
| Construction & Demolition Processing              | Labor Hours Roll-Off             | \$1,264,085   | \$ -                           | \$ -         | \$ -         | \$ -         | \$ -      | \$ -                          | \$ -                    | \$ -            | \$ -           | \$ -             | \$ -           | \$ -          | \$ -         | \$ -        | \$1,264,085    |
|   |                                  | \$60,493,704  | \$211,043                      | \$7,909,267  | \$4,712,999  | \$6,517,410  | \$72,589  | \$0                           | \$58,206                | \$35,178        | \$335,439      | \$16,164,147     | \$6,422,033    | \$1,112,435   | \$16,942,959 |             |                |





# ATTACHMENT C

**Summary of FY 25/26 COS  
Rates**





# ATTACHMENT C - SUMMARY OF FY 25/26 COS RATES

## FY 25/26 COS Rates

| Rates (First Containers)           |  |            |            |            |            |            |
|------------------------------------|--|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        | 1                                      | 2          | 3          | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$8.38                                 |            |            |            |            |            |
| 64 Gallons                         | \$13.62                                |            |            |            |            |            |
| 96 Gallons                         | \$19.10                                |            |            |            |            |            |
| <b>Recycling</b>                   | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$6.17                                 |            |            |            |            |            |
| 64 Gallons                         | \$9.20                                 |            |            |            |            |            |
| 96 Gallons                         | \$12.49                                |            |            |            |            |            |
| <b>Organics</b>                    | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$7.47                                 |            |            |            |            |            |
| 64 Gallons                         | \$11.81                                |            |            |            |            |            |
| 96 Gallons                         | \$16.39                                |            |            |            |            |            |
| <b>Commercial Service</b>          |  |            |            |            |            |            |
| <b>Solid Waste</b>                 | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$8.38                                 | \$16.32    | \$24.27    | \$32.22    | \$40.16    | \$48.11    |
| 64 Gallons                         | \$13.62                                | \$26.80    | \$53.18    | \$92.73    | \$145.48   | \$211.41   |
| 96 Gallons                         | \$19.10                                | \$37.78    | \$75.13    | \$131.15   | \$205.84   | \$299.21   |
| 1.5 CY                             | \$145.44                               | \$187.04   | \$228.65   | \$270.26   | \$311.87   | \$353.48   |
| 2 CY                               | \$156.79                               | \$209.76   | \$262.73   | \$315.69   | \$368.66   | \$421.62   |
| 3 CY                               | \$185.24                               | \$266.65   | \$348.06   | \$429.47   | \$510.88   | \$592.28   |
| 4 CY                               | \$209.43                               | \$315.04   | \$420.64   | \$526.25   | \$631.85   | \$737.46   |
| 6 CY                               | \$280.62                               | \$457.41   | \$634.20   | \$810.99   | \$987.78   | \$1,164.58 |
| 2 CY Comp                          | \$209.43                               | \$315.04   | \$420.64   | \$526.25   | \$631.85   | \$737.46   |
| 3 CY Comp                          | \$280.62                               | \$457.41   | \$634.20   | \$810.99   | \$987.78   | \$1,164.58 |
| 4 CY Comp                          | \$349.98                               | \$596.14   | \$842.29   | \$1,088.44 | \$1,334.60 | \$1,580.75 |
| 6 CY Comp                          | \$565.44                               | \$1,027.05 | \$1,488.65 | \$1,950.26 | \$2,411.87 | \$2,873.48 |
| <b>Recycling</b>                   | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$6.17                                 | \$11.91    | \$17.65    | \$23.39    | \$29.13    | \$34.87    |
| 64 Gallons                         | \$9.20                                 | \$17.98    | \$26.75    | \$35.53    | \$44.30    | \$53.08    |
| 96 Gallons                         | \$12.49                                | \$24.54    | \$36.60    | \$48.65    | \$60.71    | \$72.77    |
| 1.5 CY                             | \$124.09                               | \$161.90   | \$199.70   | \$237.51   | \$275.32   | \$313.13   |
| 2 CY                               | \$134.21                               | \$182.14   | \$230.07   | \$278.00   | \$325.93   | \$373.86   |
| 3 CY                               | \$164.03                               | \$241.77   | \$319.51   | \$397.25   | \$474.99   | \$552.74   |
| 4 CY                               | \$187.29                               | \$288.31   | \$389.32   | \$490.33   | \$591.34   | \$692.35   |
| 6 CY                               | \$253.23                               | \$420.18   | \$587.12   | \$754.07   | \$921.02   | \$1,087.97 |
| 2 CY Comp                          | \$187.29                               | \$288.31   | \$389.32   | \$490.33   | \$591.34   | \$692.35   |
| 3 CY Comp                          | \$253.23                               | \$420.18   | \$587.12   | \$754.07   | \$921.02   | \$1,087.97 |
| 4 CY Comp                          | \$305.99                               | \$525.71   | \$745.42   | \$965.13   | \$1,184.84 | \$1,404.55 |
| 6 CY Comp                          | \$490.61                               | \$894.93   | \$1,299.26 | \$1,703.58 | \$2,107.91 | \$2,512.23 |
| <b>Organics (Food Waste)</b>       | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$7.47                                 | \$14.52    | \$21.56    | \$28.60    | \$35.64    | \$42.69    |
| 64 Gallons                         | \$11.81                                | \$23.19    | \$34.57    | \$45.94    | \$57.32    | \$68.70    |
| 96 Gallons                         | \$16.39                                | \$32.35    | \$48.32    | \$64.28    | \$80.24    | \$96.20    |
| 1.5 CY                             | \$176.93                               | \$254.44   | \$331.95   | \$409.46   | \$486.97   | \$564.48   |
| 2 CY                               | \$224.03                               | \$348.63   | \$473.23   | \$597.84   | \$722.44   | \$847.04   |
| 3 CY                               | \$282.64                               | \$465.85   | \$649.07   | \$832.28   | \$1,015.49 | \$1,198.71 |
| 1.5 CY Comp                        | \$282.64                               | \$465.85   | \$649.07   | \$832.28   | \$1,015.49 | \$1,198.71 |
| 2 CY Comp                          | \$341.63                               | \$583.83   | \$826.04   | \$1,068.24 | \$1,310.45 | \$1,552.65 |
| 3 CY Comp                          | \$458.47                               | \$817.52   | \$1,176.56 | \$1,535.61 | \$1,894.65 | \$2,253.70 |
| <b>Green Waste</b>                 | Open Grouping for Detail               |            |            |            |            |            |
| 32 Gallons                         | \$7.47                                 | \$14.52    | \$21.56    | \$28.60    | \$35.64    | \$42.69    |
| 64 Gallons                         | \$11.81                                | \$23.19    | \$34.57    | \$45.94    | \$57.32    | \$68.70    |
| 96 Gallons                         | \$16.39                                | \$32.35    | \$48.32    | \$64.28    | \$80.24    | \$96.20    |
| 1.5 CY                             | \$153.42                               | \$207.41   | \$261.40   | \$315.40   | \$369.39   | \$423.38   |
| 2 CY                               | \$192.67                               | \$285.92   | \$379.17   | \$472.42   | \$565.67   | \$658.92   |
| 3 CY                               | \$235.61                               | \$371.79   | \$507.97   | \$644.15   | \$780.34   | \$916.52   |
| 4 CY                               | \$278.92                               | \$458.42   | \$637.91   | \$817.41   | \$996.91   | \$1,176.40 |
| 6 CY                               | \$364.41                               | \$629.39   | \$894.37   | \$1,159.36 | \$1,424.34 | \$1,689.32 |
| <b>Roll-Off</b>                    |  |            |            |            |            |            |
| <b>Solid Waste</b>                 | Loose                                  | Compact    |            |            |            |            |
| 10 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 20 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 30 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 40 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| <b>Recycling</b>                   | Open Grouping Open Grouping for Detail |            |            |            |            |            |
| 10 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 20 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 30 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 40 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| <b>Green Waste</b>                 | Open Grouping Open Grouping for Detail |            |            |            |            |            |
| 10 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 20 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 30 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 40 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| <b>C&amp;D</b>                     | Open Grouping Open Grouping for Detail |            |            |            |            |            |
| 10 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 20 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 30 CY                              | \$371.98                               | \$422.98   |            |            |            |            |
| 40 CY                              | \$371.98                               | \$422.98   |            |            |            |            |

# ATTACHMENT C - SUMMARY OF FY 25/26 COS RATES

| Rates (Second Containers)          |                                 |          |            |            |            |            |
|------------------------------------|---------------------------------|----------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        | 1                               | 2        | 3          | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$4.59                          |          |            |            |            |            |
| 64 Gallons                         | \$9.88                          |          |            |            |            |            |
| 96 Gallons                         | \$15.42                         |          |            |            |            |            |
| <b>Recycling</b>                   | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$2.38                          |          |            |            |            |            |
| 64 Gallons                         | \$5.47                          |          |            |            |            |            |
| 96 Gallons                         | \$8.80                          |          |            |            |            |            |
| <b>Organics</b>                    | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$3.68                          | \$ 11.83 | \$ 19.42   |            |            |            |
| 64 Gallons                         | \$8.07                          | \$ 19.69 | \$ 31.19   |            |            |            |
| 96 Gallons                         | \$12.70                         | \$ 27.55 | \$ 42.95   |            |            |            |
| <b>Commercial Service</b>          |                                 |          |            |            |            |            |
| <b>Solid Waste</b>                 | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$4.59                          | \$12.53  | \$20.48    | \$28.43    | \$36.37    | \$44.32    |
| 64 Gallons                         | \$9.88                          | \$23.06  | \$36.25    | \$49.44    | \$62.62    | \$75.81    |
| 96 Gallons                         | \$15.42                         | \$34.09  | \$52.76    | \$71.44    | \$90.11    | \$108.78   |
| 1.5 CY                             | \$39.90                         | \$81.51  | \$123.12   | \$164.73   | \$206.34   | \$247.95   |
| 2 CY                               | \$52.04                         | \$105.00 | \$157.97   | \$210.94   | \$263.90   | \$316.87   |
| 3 CY                               | \$81.26                         | \$162.67 | \$244.08   | \$325.49   | \$406.90   | \$488.31   |
| 4 CY                               | \$106.51                        | \$212.12 | \$317.72   | \$423.33   | \$528.93   | \$634.54   |
| 6 CY                               | \$179.31                        | \$356.10 | \$532.89   | \$709.68   | \$886.48   | \$1,063.27 |
| 2 CY Comp                          | \$104.68                        | \$210.28 | \$315.89   | \$421.49   | \$527.10   | \$632.70   |
| 3 CY Comp                          | \$176.64                        | \$353.43 | \$530.23   | \$707.02   | \$883.81   | \$1,060.60 |
| 4 CY Comp                          | \$247.06                        | \$493.22 | \$739.37   | \$985.53   | \$1,231.68 | \$1,477.84 |
| 6 CY Comp                          | \$464.13                        | \$925.74 | \$1,387.35 | \$1,848.96 | \$2,310.56 | \$2,772.17 |
| <b>Recycling</b>                   | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$2.38                          | \$8.12   | \$13.86    | \$19.60    | \$25.34    | \$31.08    |
| 64 Gallons                         | \$5.47                          | \$14.24  | \$23.02    | \$31.79    | \$40.56    | \$49.34    |
| 96 Gallons                         | \$8.80                          | \$20.85  | \$32.91    | \$44.97    | \$57.02    | \$69.08    |
| 1.5 CY                             | \$36.10                         | \$73.91  | \$111.71   | \$149.52   | \$187.33   | \$225.14   |
| 2 CY                               | \$47.00                         | \$94.93  | \$142.86   | \$190.79   | \$238.72   | \$286.65   |
| 3 CY                               | \$77.59                         | \$155.34 | \$233.08   | \$310.82   | \$388.56   | \$466.31   |
| 4 CY                               | \$101.92                        | \$202.93 | \$303.95   | \$404.96   | \$505.97   | \$606.98   |
| 6 CY                               | \$169.47                        | \$336.41 | \$503.36   | \$670.31   | \$837.25   | \$1,004.20 |
| 2 CY Comp                          | \$100.08                        | \$201.10 | \$302.11   | \$403.12   | \$504.13   | \$605.14   |
| 3 CY Comp                          | \$166.80                        | \$333.75 | \$500.69   | \$667.64   | \$834.59   | \$1,001.53 |
| 4 CY Comp                          | \$220.62                        | \$440.33 | \$660.04   | \$879.76   | \$1,099.47 | \$1,319.18 |
| 6 CY Comp                          | \$406.84                        | \$811.17 | \$1,215.49 | \$1,619.82 | \$2,024.14 | \$2,428.47 |
| <b>Organics (Food Waste)</b>       | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$3.68                          | \$10.73  | \$17.77    | \$24.81    | \$31.85    | \$38.90    |
| 64 Gallons                         | \$8.07                          | \$19.45  | \$30.83    | \$42.21    | \$53.58    | \$64.96    |
| 96 Gallons                         | \$12.70                         | \$28.67  | \$44.63    | \$60.59    | \$76.55    | \$92.52    |
| 1.5 CY                             | \$75.80                         | \$153.31 | \$230.82   | \$308.33   | \$385.84   | \$463.34   |
| 2 CY                               | \$123.68                        | \$248.28 | \$372.88   | \$497.48   | \$622.09   | \$746.69   |
| 3 CY                               | \$183.07                        | \$366.28 | \$549.49   | \$732.71   | \$915.92   | \$1,099.13 |
| 1.5 CY Comp                        | \$181.51                        | \$364.72 | \$547.93   | \$731.15   | \$914.36   | \$1,097.57 |
| 2 CY Comp                          | \$241.28                        | \$483.48 | \$725.69   | \$967.89   | \$1,210.10 | \$1,452.30 |
| 3 CY Comp                          | \$358.90                        | \$717.94 | \$1,076.99 | \$1,436.03 | \$1,795.08 | \$2,154.12 |
| <b>Green Waste</b>                 | <i>Open Grouping for Detail</i> |          |            |            |            |            |
| 32 Gallons                         | \$3.68                          | \$10.73  | \$17.77    | \$24.81    | \$31.85    | \$38.90    |
| 64 Gallons                         | \$8.07                          | \$19.45  | \$30.83    | \$42.21    | \$53.58    | \$64.96    |
| 96 Gallons                         | \$12.70                         | \$28.67  | \$44.63    | \$60.59    | \$76.55    | \$92.52    |
| 1.5 CY                             | \$52.29                         | \$106.28 | \$160.27   | \$214.26   | \$268.26   | \$322.25   |
| 2 CY                               | \$92.32                         | \$185.57 | \$278.82   | \$372.07   | \$465.32   | \$558.56   |
| 3 CY                               | \$136.03                        | \$272.22 | \$408.40   | \$544.58   | \$680.76   | \$816.94   |
| 4 CY                               | \$180.41                        | \$359.90 | \$539.40   | \$718.89   | \$898.39   | \$1,077.89 |
| 6 CY                               | \$267.50                        | \$532.48 | \$797.47   | \$1,062.45 | \$1,327.43 | \$1,592.41 |



# ATTACHMENT D

**Summary of FY 25/26  
Phased Rates**



# ATTACHMENT D - SUMMARY OF FY 25/26 PHASED RATES

## FY 25/26 COS Phasing Rates

| Rates (First Containers)           |                          |            |                          |            |            |            |
|------------------------------------|--------------------------|------------|--------------------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        | 1                        | 2          | 3                        | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         | \$38.09                  |            |                          |            |            |            |
| 64 Gallons                         | \$42.68                  |            |                          |            |            |            |
| 96 Gallons                         | \$47.70                  |            |                          |            |            |            |
| <b>Recycling</b>                   |                          |            |                          |            |            |            |
| 32 Gallons                         |                          |            |                          |            |            |            |
| 64 Gallons                         |                          |            |                          |            |            |            |
| 96 Gallons                         |                          |            |                          |            |            |            |
| <b>Organics</b>                    | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         |                          |            |                          |            |            |            |
| 64 Gallons                         |                          |            |                          |            |            |            |
| 96 Gallons                         |                          |            |                          |            |            |            |
| <b>Commercial Service</b>          |                          |            |                          |            |            |            |
| <b>Solid Waste</b>                 | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         | \$8.48                   | \$21.91    | \$35.34                  | \$48.77    | \$62.20    | \$75.63    |
| 64 Gallons                         | \$13.09                  | \$31.11    | \$49.13                  | \$67.15    | \$85.17    | \$103.19   |
| 96 Gallons                         | \$18.57                  | \$41.19    | \$63.81                  | \$86.43    | \$109.05   | \$131.67   |
| 1.5 CY                             | \$149.40                 | \$203.08   | \$256.76                 | \$310.44   | \$364.12   | \$417.80   |
| 2 CY                               | \$163.25                 | \$233.05   | \$302.85                 | \$372.65   | \$442.45   | \$512.25   |
| 3 CY                               | \$190.79                 | \$288.12   | \$385.45                 | \$482.78   | \$580.11   | \$677.44   |
| 4 CY                               | \$222.89                 | \$352.32   | \$481.75                 | \$611.18   | \$740.61   | \$870.04   |
| 6 CY                               | \$295.88                 | \$498.29   | \$700.70                 | \$903.11   | \$1,105.52 | \$1,307.93 |
| 2 CY Comp                          | \$237.86                 | \$382.26   | \$526.66                 | \$671.06   | \$815.46   | \$959.86   |
| 3 CY Comp                          | \$318.34                 | \$543.21   | \$768.08                 | \$992.95   | \$1,217.82 | \$1,442.69 |
| 4 CY Comp                          | \$404.31                 | \$715.16   | \$1,026.01               | \$1,336.86 | \$1,647.71 | \$1,958.56 |
| 6 CY Comp                          | \$674.60                 | \$1,255.74 | \$1,836.88               | \$2,418.02 | \$2,999.16 | \$3,580.30 |
| <b>Recycling</b>                   | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         | \$5.96                   | \$17.60    | \$29.24                  | \$40.88    | \$52.52    | \$64.16    |
| 64 Gallons                         | \$8.84                   | \$23.37    | \$37.90                  | \$52.43    | \$66.96    | \$81.49    |
| 96 Gallons                         | \$11.62                  | \$28.92    | \$46.22                  | \$63.52    | \$80.82    | \$98.12    |
| 1.5 CY                             | \$113.30                 | \$161.96   | \$210.62                 | \$259.28   | \$307.94   | \$356.60   |
| 2 CY                               | \$123.44                 | \$182.17   | \$240.90                 | \$299.63   | \$358.36   | \$417.09   |
| 3 CY                               | \$147.40                 | \$235.35   | \$323.30                 | \$411.25   | \$499.20   | \$587.15   |
| 4 CY                               | \$168.84                 | \$279.67   | \$390.50                 | \$501.33   | \$612.16   | \$722.99   |
| 6 CY                               | \$226.79                 | \$401.50   | \$576.21                 | \$750.92   | \$925.63   | \$1,100.34 |
| 2 CY Comp                          | \$166.28                 | \$281.94   | \$397.60                 | \$513.26   | \$628.92   | \$744.58   |
| 3 CY Comp                          | \$232.58                 | \$414.53   | \$596.48                 | \$778.43   | \$960.38   | \$1,142.33 |
| 4 CY Comp                          | \$286.70                 | \$522.78   | \$758.86                 | \$994.94   | \$1,231.02 | \$1,467.10 |
| 6 CY Comp                          | \$446.72                 | \$842.81   | \$1,238.90               | \$1,634.99 | \$2,031.08 | \$2,427.17 |
| <b>Organics (Food Waste)</b>       | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         | \$7.47                   | \$14.52    | \$21.57                  | \$28.62    | \$35.67    | \$42.72    |
| 64 Gallons                         | \$11.81                  | \$23.19    | \$34.57                  | \$45.95    | \$57.33    | \$68.71    |
| 96 Gallons                         | \$16.39                  | \$32.35    | \$48.31                  | \$64.27    | \$80.23    | \$96.19    |
| 1.5 CY                             | \$176.93                 | \$254.44   | \$331.95                 | \$409.46   | \$486.97   | \$564.48   |
| 2 CY                               | \$224.03                 | \$348.63   | \$473.23                 | \$597.83   | \$722.43   | \$847.03   |
| 3 CY                               | \$282.64                 | \$465.85   | \$649.06                 | \$832.27   | \$1,015.48 | \$1,198.69 |
| 1.5 CY Comp                        | \$282.64                 | \$465.85   | \$649.06                 | \$832.27   | \$1,015.48 | \$1,198.69 |
| 2 CY Comp                          | \$341.63                 | \$583.83   | \$826.03                 | \$1,068.23 | \$1,310.43 | \$1,552.63 |
| 3 CY Comp                          | \$458.47                 | \$817.52   | \$1,176.57               | \$1,535.62 | \$1,894.67 | \$2,253.72 |
| <b>Green Waste</b>                 | Open Grouping for Detail |            |                          |            |            |            |
| 32 Gallons                         | \$7.87                   | \$21.33    | \$34.79                  | \$48.25    | \$61.71    | \$75.17    |
| 64 Gallons                         | \$12.47                  | \$30.52    | \$48.57                  | \$66.62    | \$84.67    | \$102.72   |
| 96 Gallons                         | \$17.47                  | \$40.52    | \$63.57                  | \$86.62    | \$109.67   | \$132.72   |
| 1.5 CY                             | \$131.98                 | \$194.89   | \$257.80                 | \$320.71   | \$383.62   | \$446.53   |
| 2 CY                               | \$156.04                 | \$243.02   | \$330.00                 | \$416.98   | \$503.96   | \$590.94   |
| 3 CY                               | \$190.45                 | \$311.83   | \$433.21                 | \$554.59   | \$675.97   | \$797.35   |
| 4 CY                               | \$225.00                 | \$380.94   | \$536.88                 | \$692.82   | \$848.76   | \$1,004.70 |
| 6 CY                               | \$293.67                 | \$518.28   | \$742.89                 | \$967.50   | \$1,192.11 | \$1,416.72 |
| <b>Roll-Off</b>                    |                          |            |                          |            |            |            |
| <b>Solid Waste</b>                 | Loose                    |            | Compact                  |            |            |            |
| 10 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 20 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 30 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 40 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| <b>Recycling</b>                   | Open Grouping for Detail |            | Open Grouping for Detail |            |            |            |
| 10 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 20 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 30 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 40 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| <b>Green Waste</b>                 | Open Grouping for Detail |            | Open Grouping for Detail |            |            |            |
| 10 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 20 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 30 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 40 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| <b>C&amp;D</b>                     | Open Grouping for Detail |            | Open Grouping for Detail |            |            |            |
| 10 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 20 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 30 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |
| 40 CY                              | \$308.45                 |            | \$352.16                 |            |            |            |

# ATTACHMENT D - SUMMARY OF FY 25/26 PHASED RATES

| Rates (Second Containers)          |                                 |            |            |            |            |            |
|------------------------------------|---------------------------------|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        | 1                               | 2          | 3          | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$4.27                          |            |            |            |            |            |
| 64 Gallons                         | \$8.96                          |            |            |            |            |            |
| 96 Gallons                         | \$14.04                         |            |            |            |            |            |
| <b>Recycling</b>                   | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$5.81                          |            |            |            |            |            |
| 64 Gallons                         | \$7.00                          |            |            |            |            |            |
| 96 Gallons                         | \$8.28                          |            |            |            |            |            |
| <b>Organics</b>                    | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$10.55                         | \$0.00     | \$0.00     |            |            |            |
| 64 Gallons                         | \$12.24                         | \$0.00     | \$0.00     |            |            |            |
| 96 Gallons                         | \$14.02                         | \$0.00     | \$0.00     |            |            |            |
| <b>Commercial Service</b>          | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| <b>Solid Waste</b>                 | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$4.27                          | \$17.70    | \$31.13    | \$44.56    | \$57.99    | \$71.42    |
| 64 Gallons                         | \$8.96                          | \$26.98    | \$45.00    | \$63.02    | \$81.04    | \$99.06    |
| 96 Gallons                         | \$14.04                         | \$36.66    | \$59.28    | \$81.90    | \$104.52   | \$127.14   |
| 1.5 CY                             | \$42.67                         | \$96.35    | \$150.03   | \$203.71   | \$257.39   | \$311.07   |
| 2 CY                               | \$58.56                         | \$128.36   | \$198.16   | \$267.96   | \$337.76   | \$407.56   |
| 3 CY                               | \$87.26                         | \$184.59   | \$281.92   | \$379.25   | \$476.58   | \$573.91   |
| 4 CY                               | \$120.74                        | \$250.17   | \$379.60   | \$509.03   | \$638.46   | \$767.89   |
| 6 CY                               | \$195.59                        | \$398.00   | \$600.41   | \$802.82   | \$1,005.23 | \$1,207.64 |
| 2 CY Comp                          | \$132.49                        | \$276.89   | \$421.29   | \$565.69   | \$710.09   | \$854.49   |
| 3 CY Comp                          | \$214.83                        | \$439.70   | \$664.57   | \$889.44   | \$1,114.31 | \$1,339.18 |
| 4 CY Comp                          | \$302.77                        | \$613.62   | \$924.47   | \$1,235.32 | \$1,546.17 | \$1,857.02 |
| 6 CY Comp                          | \$575.24                        | \$1,156.38 | \$1,737.52 | \$2,318.66 | \$2,899.80 | \$3,480.94 |
| <b>Recycling</b>                   | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$2.49                          | \$14.13    | \$25.77    | \$37.41    | \$49.05    | \$60.69    |
| 64 Gallons                         | \$5.46                          | \$19.99    | \$34.52    | \$49.05    | \$63.58    | \$78.11    |
| 96 Gallons                         | \$8.28                          | \$25.58    | \$42.88    | \$60.18    | \$77.48    | \$94.78    |
| 1.5 CY                             | \$39.55                         | \$88.21    | \$136.87   | \$185.53   | \$234.19   | \$282.85   |
| 2 CY                               | \$51.31                         | \$110.04   | \$168.77   | \$227.50   | \$286.23   | \$344.96   |
| 3 CY                               | \$77.88                         | \$165.83   | \$253.78   | \$341.73   | \$429.68   | \$517.63   |
| 4 CY                               | \$102.15                        | \$212.98   | \$323.81   | \$434.64   | \$545.47   | \$656.30   |
| 6 CY                               | \$167.89                        | \$342.60   | \$517.31   | \$692.02   | \$866.73   | \$1,041.44 |
| 2 CY Comp                          | \$103.75                        | \$219.41   | \$335.07   | \$450.73   | \$566.39   | \$682.05   |
| 3 CY Comp                          | \$171.90                        | \$353.85   | \$535.80   | \$717.75   | \$899.70   | \$1,081.65 |
| 4 CY Comp                          | \$228.00                        | \$464.08   | \$700.16   | \$936.24   | \$1,172.32 | \$1,408.40 |
| 6 CY Comp                          | \$390.20                        | \$786.29   | \$1,182.38 | \$1,578.47 | \$1,974.56 | \$2,370.65 |
| <b>Organics (Food Waste)</b>       | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$3.68                          | \$10.73    | \$17.78    | \$24.83    | \$31.88    | \$38.93    |
| 64 Gallons                         | \$8.07                          | \$19.45    | \$30.83    | \$42.21    | \$53.59    | \$64.97    |
| 96 Gallons                         | \$12.70                         | \$28.66    | \$44.62    | \$60.58    | \$76.54    | \$92.50    |
| 1.5 CY                             | \$75.80                         | \$153.31   | \$230.82   | \$308.33   | \$385.84   | \$463.35   |
| 2 CY                               | \$123.68                        | \$248.28   | \$372.88   | \$497.48   | \$622.08   | \$746.68   |
| 3 CY                               | \$183.07                        | \$366.28   | \$549.49   | \$732.70   | \$915.91   | \$1,099.12 |
| 1.5 CY Comp                        | \$181.51                        | \$364.72   | \$547.93   | \$731.14   | \$914.35   | \$1,097.56 |
| 2 CY Comp                          | \$241.28                        | \$483.48   | \$725.68   | \$967.88   | \$1,210.08 | \$1,452.28 |
| 3 CY Comp                          | \$358.90                        | \$717.95   | \$1,077.00 | \$1,436.05 | \$1,795.10 | \$2,154.15 |
| <b>Green Waste</b>                 | <i>Open Grouping for Detail</i> |            |            |            |            |            |
| 32 Gallons                         | \$4.30                          | \$17.76    | \$31.22    | \$44.68    | \$58.14    | \$71.60    |
| 64 Gallons                         | \$8.99                          | \$27.04    | \$45.09    | \$63.14    | \$81.19    | \$99.24    |
| 96 Gallons                         | \$14.02                         | \$37.07    | \$60.12    | \$83.17    | \$106.22   | \$129.27   |
| 1.5 CY                             | \$49.46                         | \$112.37   | \$175.28   | \$238.19   | \$301.10   | \$364.01   |
| 2 CY                               | \$74.14                         | \$161.12   | \$248.10   | \$335.08   | \$422.06   | \$509.04   |
| 3 CY                               | \$109.41                        | \$230.79   | \$352.17   | \$473.55   | \$594.93   | \$716.31   |
| 4 CY                               | \$144.51                        | \$300.45   | \$456.39   | \$612.33   | \$768.27   | \$924.21   |
| 6 CY                               | \$214.34                        | \$438.95   | \$663.56   | \$888.17   | \$1,112.78 | \$1,337.39 |





# ATTACHMENT E

## Summary of FY 26/27 Phased Rates



# ATTACHMENT E - SUMMARY OF FY 26/27 PHASED RATES

## FY 26/27 COS Phasing Rates

|                             |  |  | Rates (First Containers)           |            |            |            |            |            |
|-----------------------------|--|--|------------------------------------|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk) |  |  | 1                                  | 2          | 3          | 4          | 5          | 6          |
| Residential Bundled Service |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  | \$40.59                            |            |            |            |            |            |
| 64 Gallons                  |  |  | \$45.91                            |            |            |            |            |            |
| 96 Gallons                  |  |  | \$51.59                            |            |            |            |            |            |
| Recycling                   |  |  |                                    |            |            |            |            |            |
| 32 Gallons                  |  |  |                                    |            |            |            |            |            |
| 64 Gallons                  |  |  |                                    |            |            |            |            |            |
| 96 Gallons                  |  |  |                                    |            |            |            |            |            |
| Organics                    |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  |                                    |            |            |            |            |            |
| 64 Gallons                  |  |  |                                    |            |            |            |            |            |
| 96 Gallons                  |  |  |                                    |            |            |            |            |            |
| Commercial Service          |  |  |                                    |            |            |            |            |            |
| Solid Waste                 |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  | \$9.08                             | \$20.39    | \$31.70    | \$43.01    | \$54.32    | \$65.63    |
| 64 Gallons                  |  |  | \$14.42                            | \$31.05    | \$47.68    | \$64.31    | \$80.94    | \$97.57    |
| 96 Gallons                  |  |  | \$20.33                            | \$42.44    | \$64.55    | \$86.66    | \$108.77   | \$130.88   |
| 1.5 CY                      |  |  | \$158.78                           | \$209.68   | \$260.58   | \$311.48   | \$362.38   | \$413.28   |
| 2 CY                        |  |  | \$172.28                           | \$237.80   | \$303.32   | \$368.84   | \$434.36   | \$499.88   |
| 3 CY                        |  |  | \$202.49                           | \$298.22   | \$393.95   | \$489.68   | \$585.41   | \$681.14   |
| 4 CY                        |  |  | \$232.53                           | \$358.30   | \$484.07   | \$609.84   | \$735.61   | \$861.38   |
| 6 CY                        |  |  | \$310.18                           | \$513.60   | \$717.02   | \$920.44   | \$1,123.86 | \$1,327.28 |
| 2 CY Comp                   |  |  | \$240.02                           | \$373.27   | \$506.52   | \$639.77   | \$773.02   | \$906.27   |
| 3 CY Comp                   |  |  | \$321.41                           | \$536.06   | \$750.71   | \$965.36   | \$1,180.01 | \$1,394.66 |
| 4 CY Comp                   |  |  | \$404.50                           | \$702.25   | \$1,000.00 | \$1,297.75 | \$1,595.50 | \$1,893.25 |
| 6 CY Comp                   |  |  | \$664.21                           | \$1,221.67 | \$1,779.13 | \$2,336.59 | \$2,894.05 | \$3,451.51 |
| Recycling                   |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  | \$6.55                             | \$15.69    | \$24.83    | \$33.97    | \$43.11    | \$52.25    |
| 64 Gallons                  |  |  | \$9.74                             | \$22.08    | \$34.42    | \$46.76    | \$59.10    | \$71.44    |
| 96 Gallons                  |  |  | \$13.03                            | \$28.65    | \$44.27    | \$59.89    | \$75.51    | \$91.13    |
| 1.5 CY                      |  |  | \$128.40                           | \$176.10   | \$223.80   | \$271.50   | \$319.20   | \$366.90   |
| 2 CY                        |  |  | \$139.32                           | \$198.30   | \$257.28   | \$316.26   | \$375.24   | \$434.22   |
| 3 CY                        |  |  | \$168.54                           | \$257.46   | \$346.38   | \$435.30   | \$524.22   | \$613.14   |
| 4 CY                        |  |  | \$192.71                           | \$306.53   | \$420.35   | \$534.17   | \$647.99   | \$761.81   |
| 6 CY                        |  |  | \$259.80                           | \$443.68   | \$627.56   | \$811.44   | \$995.32   | \$1,179.20 |
| 2 CY Comp                   |  |  | \$191.43                           | \$307.66   | \$423.89   | \$540.12   | \$656.35   | \$772.58   |
| 3 CY Comp                   |  |  | \$262.70                           | \$450.20   | \$637.70   | \$825.20   | \$1,012.70 | \$1,200.20 |
| 4 CY Comp                   |  |  | \$320.27                           | \$565.34   | \$810.41   | \$1,055.48 | \$1,300.55 | \$1,545.62 |
| 6 CY Comp                   |  |  | \$507.01                           | \$938.82   | \$1,370.63 | \$1,802.44 | \$2,234.25 | \$2,666.06 |
| Organics (Food Waste)       |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  | \$8.06                             | \$15.65    | \$23.24    | \$30.83    | \$38.42    | \$46.01    |
| 64 Gallons                  |  |  | \$12.73                            | \$25.00    | \$37.27    | \$49.54    | \$61.81    | \$74.08    |
| 96 Gallons                  |  |  | \$17.67                            | \$34.88    | \$52.09    | \$69.30    | \$86.51    | \$103.72   |
| 1.5 CY                      |  |  | \$190.76                           | \$274.33   | \$357.90   | \$441.47   | \$525.04   | \$608.61   |
| 2 CY                        |  |  | \$241.54                           | \$375.88   | \$510.22   | \$644.56   | \$778.90   | \$913.24   |
| 3 CY                        |  |  | \$304.73                           | \$502.27   | \$699.81   | \$897.35   | \$1,094.89 | \$1,292.43 |
| 1.5 CY Comp                 |  |  | \$304.73                           | \$502.27   | \$699.81   | \$897.35   | \$1,094.89 | \$1,292.43 |
| 2 CY Comp                   |  |  | \$368.33                           | \$629.47   | \$890.61   | \$1,151.75 | \$1,412.89 | \$1,674.03 |
| 3 CY Comp                   |  |  | \$494.31                           | \$881.42   | \$1,268.53 | \$1,655.64 | \$2,042.75 | \$2,429.86 |
| Green Waste                 |  |  | Open Grouping for Detail           |            |            |            |            |            |
| 32 Gallons                  |  |  | \$8.26                             | \$19.06    | \$29.86    | \$40.66    | \$51.46    | \$62.26    |
| 64 Gallons                  |  |  | \$13.06                            | \$28.66    | \$44.26    | \$59.86    | \$75.46    | \$91.06    |
| 96 Gallons                  |  |  | \$18.21                            | \$38.96    | \$59.71    | \$80.46    | \$101.21   | \$121.96   |
| 1.5 CY                      |  |  | \$154.69                           | \$217.36   | \$280.03   | \$342.70   | \$405.37   | \$468.04   |
| 2 CY                        |  |  | \$189.42                           | \$286.82   | \$384.22   | \$481.62   | \$579.02   | \$676.42   |
| 3 CY                        |  |  | \$231.44                           | \$370.87   | \$510.30   | \$649.73   | \$789.16   | \$928.59   |
| 4 CY                        |  |  | \$273.76                           | \$455.51   | \$637.26   | \$819.01   | \$1,000.76 | \$1,182.51 |
| 6 CY                        |  |  | \$357.52                           | \$623.03   | \$888.54   | \$1,154.05 | \$1,419.56 | \$1,685.07 |
| Roll-Off                    |  |  |                                    |            |            |            |            |            |
| Solid Waste                 |  |  | Loose                              | Compact    |            |            |            |            |
| 10 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 20 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 30 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 40 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| Recycling                   |  |  | Open Groi Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 20 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 30 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 40 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| Green Waste                 |  |  | Open Groi Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 20 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 30 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 40 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| C&D                         |  |  | Open Groi Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 20 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 30 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |
| 40 CY                       |  |  | \$369.29                           | \$420.63   |            |            |            |            |



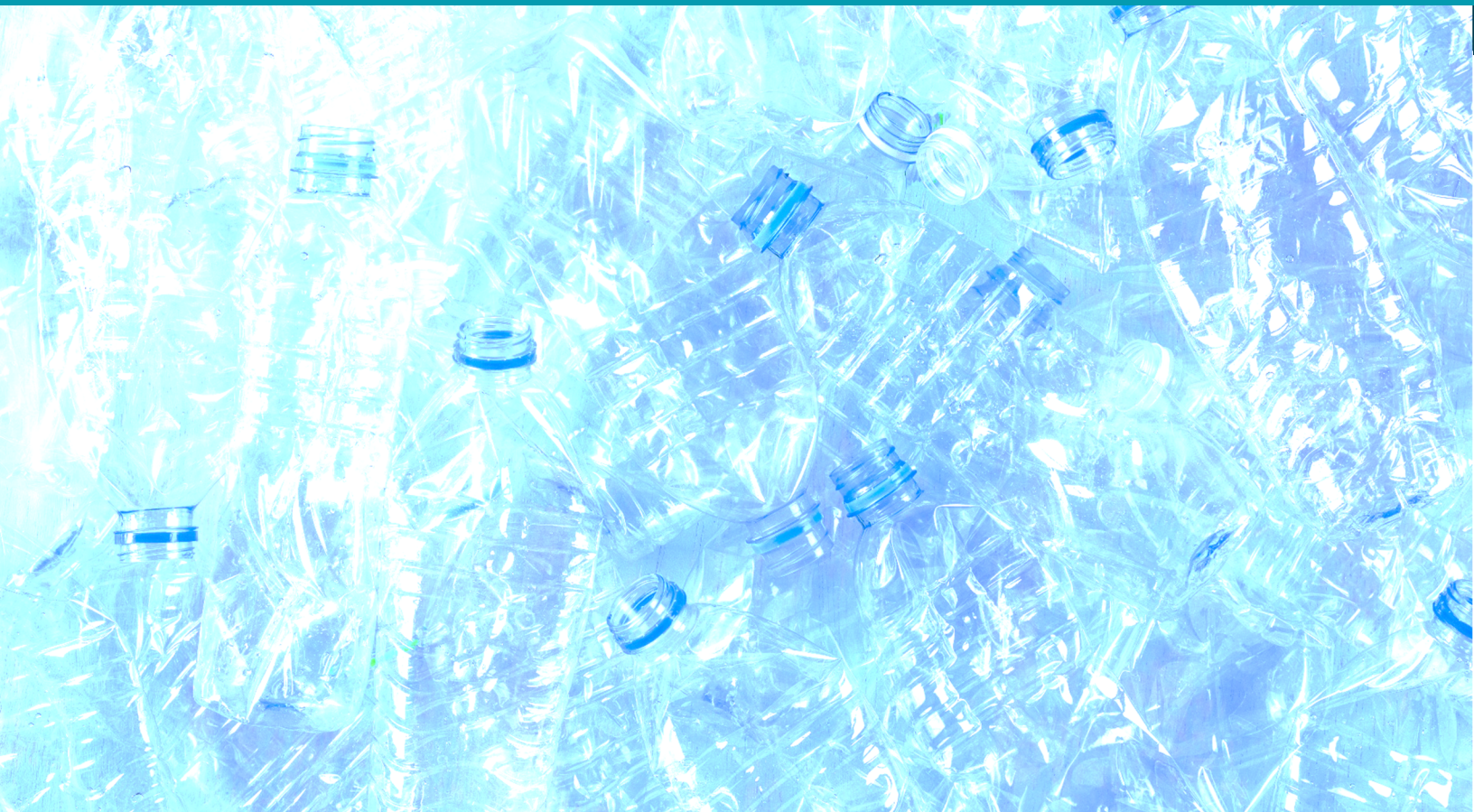
# ATTACHMENT E - SUMMARY OF FY 26/27 PHASED RATES

| Rates (Second Containers)          |                          |            |            |            |            |            |
|------------------------------------|--------------------------|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        | 1                        | 2          | 3          | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> |                          |            |            |            |            |            |
| 32 Gallons                         | \$4.79                   |            |            |            |            |            |
| 64 Gallons                         | \$10.19                  |            |            |            |            |            |
| 96 Gallons                         | \$15.93                  |            |            |            |            |            |
| <b>Recycling</b>                   | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$4.28                   |            |            |            |            |            |
| 64 Gallons                         | \$6.66                   |            |            |            |            |            |
| 96 Gallons                         | \$9.23                   |            |            |            |            |            |
| <b>Organics</b>                    | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$7.40                   |            |            |            |            |            |
| 64 Gallons                         | \$10.79                  |            |            |            |            |            |
| 96 Gallons                         | \$14.36                  |            |            |            |            |            |
| <b>Commercial Service</b>          |                          |            |            |            |            |            |
| <b>Solid Waste</b>                 | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$4.79                   | \$16.10    | \$27.41    | \$38.72    | \$50.03    | \$61.34    |
| 64 Gallons                         | \$10.19                  | \$26.82    | \$43.45    | \$60.08    | \$76.71    | \$93.34    |
| 96 Gallons                         | \$15.93                  | \$38.04    | \$60.15    | \$82.26    | \$104.37   | \$126.48   |
| 1.5 CY                             | \$44.41                  | \$95.31    | \$146.21   | \$197.11   | \$248.01   | \$298.91   |
| 2 CY                               | \$59.37                  | \$124.89   | \$190.41   | \$255.93   | \$321.45   | \$386.97   |
| 3 CY                               | \$90.61                  | \$186.34   | \$282.07   | \$377.80   | \$473.53   | \$569.26   |
| 4 CY                               | \$121.95                 | \$247.72   | \$373.49   | \$499.26   | \$625.03   | \$750.80   |
| 6 CY                               | \$201.46                 | \$404.88   | \$608.30   | \$811.72   | \$1,015.14 | \$1,218.56 |
| 2 CY Comp                          | \$126.76                 | \$260.01   | \$393.26   | \$526.51   | \$659.76   | \$793.01   |
| 3 CY Comp                          | \$209.54                 | \$424.19   | \$638.84   | \$853.49   | \$1,068.14 | \$1,282.79 |
| 4 CY Comp                          | \$294.23                 | \$591.98   | \$889.73   | \$1,187.48 | \$1,485.23 | \$1,782.98 |
| 6 CY Comp                          | \$555.96                 | \$1,113.42 | \$1,670.88 | \$2,228.34 | \$2,785.80 | \$3,343.26 |
| <b>Recycling</b>                   | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$2.62                   | \$11.76    | \$20.90    | \$30.04    | \$39.18    | \$48.32    |
| 64 Gallons                         | \$5.89                   | \$18.23    | \$30.57    | \$42.91    | \$55.25    | \$67.59    |
| 96 Gallons                         | \$9.23                   | \$24.85    | \$40.47    | \$56.09    | \$71.71    | \$87.33    |
| 1.5 CY                             | \$40.65                  | \$88.35    | \$136.05   | \$183.75   | \$231.45   | \$279.15   |
| 2 CY                               | \$52.83                  | \$111.81   | \$170.79   | \$229.77   | \$288.75   | \$347.73   |
| 3 CY                               | \$83.80                  | \$172.72   | \$261.64   | \$350.56   | \$439.48   | \$528.40   |
| 4 CY                               | \$110.00                 | \$223.82   | \$337.64   | \$451.46   | \$565.28   | \$679.10   |
| 6 CY                               | \$181.92                 | \$365.80   | \$549.68   | \$733.56   | \$917.44   | \$1,101.32 |
| 2 CY Comp                          | \$109.74                 | \$225.97   | \$342.20   | \$458.43   | \$574.66   | \$690.89   |
| 3 CY Comp                          | \$182.39                 | \$369.89   | \$557.39   | \$744.89   | \$932.39   | \$1,119.89 |
| 4 CY Comp                          | \$241.56                 | \$486.63   | \$731.70   | \$976.77   | \$1,221.84 | \$1,466.91 |
| 6 CY Comp                          | \$430.32                 | \$862.13   | \$1,293.94 | \$1,725.75 | \$2,157.56 | \$2,589.37 |
| <b>Organics (Food Waste)</b>       | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$3.80                   | \$11.39    | \$18.98    | \$26.57    | \$34.16    | \$41.75    |
| 64 Gallons                         | \$8.33                   | \$20.60    | \$32.87    | \$45.14    | \$57.41    | \$69.68    |
| 96 Gallons                         | \$13.12                  | \$30.33    | \$47.54    | \$64.75    | \$81.96    | \$99.17    |
| 1.5 CY                             | \$78.26                  | \$161.83   | \$245.40   | \$328.97   | \$412.54   | \$496.11   |
| 2 CY                               | \$127.69                 | \$262.03   | \$396.37   | \$530.71   | \$665.05   | \$799.39   |
| 3 CY                               | \$189.01                 | \$386.55   | \$584.09   | \$781.63   | \$979.17   | \$1,176.71 |
| 1.5 CY Comp                        | \$187.40                 | \$384.94   | \$582.48   | \$780.02   | \$977.56   | \$1,175.10 |
| 2 CY Comp                          | \$249.12                 | \$510.26   | \$771.40   | \$1,032.54 | \$1,293.68 | \$1,554.82 |
| 3 CY Comp                          | \$370.56                 | \$757.67   | \$1,144.78 | \$1,531.89 | \$1,919.00 | \$2,306.11 |
| <b>Green Waste</b>                 | Open Grouping for Detail |            |            |            |            |            |
| 32 Gallons                         | \$4.28                   | \$15.08    | \$25.88    | \$36.68    | \$47.48    | \$58.28    |
| 64 Gallons                         | \$9.16                   | \$24.76    | \$40.36    | \$55.96    | \$71.56    | \$87.16    |
| 96 Gallons                         | \$14.36                  | \$35.11    | \$55.86    | \$76.61    | \$97.36    | \$118.11   |
| 1.5 CY                             | \$54.96                  | \$117.63   | \$180.30   | \$242.97   | \$305.64   | \$368.31   |
| 2 CY                               | \$90.45                  | \$187.85   | \$285.25   | \$382.65   | \$480.05   | \$577.45   |
| 3 CY                               | \$133.35                 | \$272.78   | \$412.21   | \$551.64   | \$691.07   | \$830.50   |
| 4 CY                               | \$176.56                 | \$358.31   | \$540.06   | \$721.81   | \$903.56   | \$1,085.31 |
| 6 CY                               | \$261.83                 | \$527.34   | \$792.85   | \$1,058.36 | \$1,323.87 | \$1,589.38 |



# ATTACHMENT F

**Summary of FY 27/28  
Phased Rates**



# ATTACHMENT F - SUMMARY OF FY 27/28 PHASED RATES

## FY 27/28 COS Phasing Rates

|                             |  |  | Rates (First Containers)            |            |            |            |            |            |
|-----------------------------|--|--|-------------------------------------|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk) |  |  | 1                                   | 2          | 3          | 4          | 5          | 6          |
| Residential Bundled Service |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  | \$43.08                             |            |            |            |            |            |
| 64 Gallons                  |  |  | \$49.14                             |            |            |            |            |            |
| 96 Gallons                  |  |  | \$55.48                             |            |            |            |            |            |
| Recycling                   |  |  |                                     |            |            |            |            |            |
| 32 Gallons                  |  |  |                                     |            |            |            |            |            |
| 64 Gallons                  |  |  |                                     |            |            |            |            |            |
| 96 Gallons                  |  |  |                                     |            |            |            |            |            |
| Organics                    |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  |                                     |            |            |            |            |            |
| 64 Gallons                  |  |  |                                     |            |            |            |            |            |
| 96 Gallons                  |  |  |                                     |            |            |            |            |            |
| Commercial Service          |  |  |                                     |            |            |            |            |            |
| Solid Waste                 |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  | \$9.69                              | \$18.88    | \$28.06    | \$37.25    | \$46.44    | \$55.63    |
| 64 Gallons                  |  |  | \$15.75                             | \$30.99    | \$61.49    | \$107.23   | \$168.22   | \$244.46   |
| 96 Gallons                  |  |  | \$22.09                             | \$43.68    | \$86.87    | \$151.65   | \$238.02   | \$345.99   |
| 1.5 CY                      |  |  | \$168.17                            | \$216.29   | \$264.40   | \$312.51   | \$360.63   | \$408.74   |
| 2 CY                        |  |  | \$181.30                            | \$242.55   | \$303.80   | \$365.04   | \$426.29   | \$487.54   |
| 3 CY                        |  |  | \$214.19                            | \$308.33   | \$402.47   | \$496.60   | \$590.74   | \$684.88   |
| 4 CY                        |  |  | \$242.17                            | \$364.29   | \$486.40   | \$608.51   | \$730.63   | \$852.74   |
| 6 CY                        |  |  | \$324.49                            | \$528.92   | \$733.35   | \$937.77   | \$1,142.20 | \$1,346.63 |
| 2 CY      Comp              |  |  | \$242.17                            | \$364.29   | \$486.40   | \$608.51   | \$730.63   | \$852.74   |
| 3 CY      Comp              |  |  | \$324.49                            | \$528.92   | \$733.35   | \$937.77   | \$1,142.20 | \$1,346.63 |
| 4 CY      Comp              |  |  | \$404.69                            | \$689.33   | \$973.96   | \$1,258.60 | \$1,543.24 | \$1,827.87 |
| 6 CY      Comp              |  |  | \$653.83                            | \$1,187.60 | \$1,721.38 | \$2,255.15 | \$2,788.92 | \$3,322.69 |
| Recycling                   |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  | \$7.14                              | \$13.77    | \$20.41    | \$27.05    | \$33.69    | \$40.33    |
| 64 Gallons                  |  |  | \$10.64                             | \$20.79    | \$30.94    | \$41.08    | \$51.23    | \$61.37    |
| 96 Gallons                  |  |  | \$14.44                             | \$28.38    | \$42.32    | \$56.26    | \$70.20    | \$84.14    |
| 1.5 CY                      |  |  | \$143.49                            | \$187.21   | \$230.92   | \$274.64   | \$318.36   | \$362.08   |
| 2 CY                        |  |  | \$155.19                            | \$210.62   | \$266.04   | \$321.46   | \$376.88   | \$432.30   |
| 3 CY                        |  |  | \$189.67                            | \$279.56   | \$369.46   | \$459.36   | \$549.25   | \$639.15   |
| 4 CY                        |  |  | \$216.57                            | \$333.38   | \$450.18   | \$566.98   | \$683.79   | \$800.59   |
| 6 CY                        |  |  | \$292.82                            | \$485.86   | \$678.91   | \$871.96   | \$1,065.00 | \$1,258.05 |
| 2 CY      Comp              |  |  | \$216.57                            | \$333.38   | \$450.18   | \$566.98   | \$683.79   | \$800.59   |
| 3 CY      Comp              |  |  | \$292.82                            | \$485.86   | \$678.91   | \$871.96   | \$1,065.00 | \$1,258.05 |
| 4 CY      Comp              |  |  | \$353.83                            | \$607.89   | \$861.95   | \$1,116.01 | \$1,370.07 | \$1,624.13 |
| 6 CY      Comp              |  |  | \$567.31                            | \$1,034.84 | \$1,502.37 | \$1,969.91 | \$2,437.44 | \$2,904.97 |
| Organics (Food Waste)       |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  | \$8.64                              | \$16.79    | \$24.93    | \$33.07    | \$41.22    | \$49.36    |
| 64 Gallons                  |  |  | \$13.65                             | \$26.81    | \$39.97    | \$53.13    | \$66.28    | \$79.44    |
| 96 Gallons                  |  |  | \$18.96                             | \$37.41    | \$55.87    | \$74.33    | \$92.79    | \$111.24   |
| 1.5 CY                      |  |  | \$204.59                            | \$294.22   | \$383.84   | \$473.47   | \$563.09   | \$652.72   |
| 2 CY                        |  |  | \$259.05                            | \$403.13   | \$547.21   | \$691.30   | \$835.38   | \$979.46   |
| 3 CY                        |  |  | \$326.82                            | \$538.68   | \$750.53   | \$962.39   | \$1,174.24 | \$1,386.10 |
| 1.5 CY      Comp            |  |  | \$326.82                            | \$538.68   | \$750.53   | \$962.39   | \$1,174.24 | \$1,386.10 |
| 2 CY      Comp              |  |  | \$395.04                            | \$675.11   | \$955.17   | \$1,235.24 | \$1,515.31 | \$1,795.38 |
| 3 CY      Comp              |  |  | \$530.14                            | \$945.32   | \$1,360.49 | \$1,775.67 | \$2,190.84 | \$2,606.02 |
| Green Waste                 |  |  | Open Grouping for Detail            |            |            |            |            |            |
| 32 Gallons                  |  |  | \$8.64                              | \$16.79    | \$24.93    | \$33.07    | \$41.22    | \$49.36    |
| 64 Gallons                  |  |  | \$13.65                             | \$26.81    | \$39.97    | \$53.13    | \$66.28    | \$79.44    |
| 96 Gallons                  |  |  | \$18.96                             | \$37.41    | \$55.87    | \$74.33    | \$92.79    | \$111.24   |
| 1.5 CY                      |  |  | \$177.40                            | \$239.83   | \$302.27   | \$364.70   | \$427.14   | \$489.57   |
| 2 CY                        |  |  | \$222.79                            | \$330.62   | \$438.45   | \$546.27   | \$654.10   | \$761.93   |
| 3 CY                        |  |  | \$272.44                            | \$429.91   | \$587.38   | \$744.85   | \$902.33   | \$1,059.80 |
| 4 CY                        |  |  | \$322.52                            | \$530.08   | \$737.64   | \$945.20   | \$1,152.75 | \$1,360.31 |
| 6 CY                        |  |  | \$421.38                            | \$727.78   | \$1,034.19 | \$1,340.60 | \$1,647.00 | \$1,953.41 |
| Roll-Off                    |  |  |                                     |            |            |            |            |            |
| Solid Waste                 |  |  | Loose                               | Compact    |            |            |            |            |
| 10 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 20 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 30 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 40 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| Recycling                   |  |  | Open Grou, Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 20 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 30 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 40 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| Green Waste                 |  |  | Open Grou, Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 20 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 30 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 40 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| C&D                         |  |  | Open Grou, Open Grouping for Detail |            |            |            |            |            |
| 10 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 20 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 30 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |
| 40 CY                       |  |  | \$430.14                            | \$489.11   |            |            |            |            |

# ATTACHMENT F - SUMMARY OF FY 27/28 PHASED RATES

|                                    |      | Rates (Second Containers) |            |            |            |            |            |
|------------------------------------|------|---------------------------|------------|------------|------------|------------|------------|
| Frequency (Pick-ups per Wk)        |      | 1                         | 2          | 3          | 4          | 5          | 6          |
| <b>Residential Bundled Service</b> |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$5.30                    |            |            |            |            |            |
| 64 Gallons                         |      | \$11.42                   |            |            |            |            |            |
| 96 Gallons                         |      | \$17.83                   |            |            |            |            |            |
| <b>Recycling</b>                   |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$2.75                    |            |            |            |            |            |
| 64 Gallons                         |      | \$6.32                    |            |            |            |            |            |
| 96 Gallons                         |      | \$10.17                   |            |            |            |            |            |
| <b>Organics</b>                    |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$4.26                    |            |            |            |            |            |
| 64 Gallons                         |      | \$9.33                    |            |            |            |            |            |
| 96 Gallons                         |      | \$14.69                   |            |            |            |            |            |
| <b>Commercial Service</b>          |      |                           |            |            |            |            |            |
| <b>Solid Waste</b>                 |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$5.30                    | \$14.49    | \$23.68    | \$32.87    | \$42.06    | \$51.25    |
| 64 Gallons                         |      | \$11.42                   | \$26.67    | \$41.92    | \$57.17    | \$72.41    | \$87.66    |
| 96 Gallons                         |      | \$17.83                   | \$39.42    | \$61.01    | \$82.61    | \$104.20   | \$125.79   |
| 1.5 CY                             |      | \$46.14                   | \$94.25    | \$142.37   | \$190.48   | \$238.59   | \$286.71   |
| 2 CY                               |      | \$60.17                   | \$121.42   | \$182.67   | \$243.91   | \$305.16   | \$366.41   |
| 3 CY                               |      | \$93.96                   | \$188.10   | \$282.24   | \$376.37   | \$470.51   | \$564.65   |
| 4 CY                               |      | \$123.17                  | \$245.28   | \$367.39   | \$489.51   | \$611.62   | \$733.74   |
| 6 CY                               |      | \$207.34                  | \$411.77   | \$616.20   | \$820.63   | \$1,025.06 | \$1,229.49 |
| 2 CY                               | Comp | \$121.04                  | \$243.16   | \$365.27   | \$487.38   | \$609.50   | \$731.61   |
| 3 CY                               | Comp | \$204.26                  | \$408.69   | \$613.12   | \$817.55   | \$1,021.97 | \$1,226.40 |
| 4 CY                               | Comp | \$285.69                  | \$570.32   | \$854.96   | \$1,139.59 | \$1,424.23 | \$1,708.87 |
| 6 CY                               | Comp | \$536.68                  | \$1,070.46 | \$1,604.23 | \$2,138.00 | \$2,671.78 | \$3,205.55 |
| <b>Recycling</b>                   |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$2.75                    | \$9.39     | \$16.03    | \$22.67    | \$29.31    | \$35.94    |
| 64 Gallons                         |      | \$6.32                    | \$16.47    | \$26.61    | \$36.76    | \$46.91    | \$57.05    |
| 96 Gallons                         |      | \$10.17                   | \$24.11    | \$38.06    | \$52.00    | \$65.94    | \$79.88    |
| 1.5 CY                             |      | \$41.74                   | \$85.46    | \$129.18   | \$172.90   | \$216.61   | \$260.33   |
| 2 CY                               |      | \$54.35                   | \$109.77   | \$165.19   | \$220.62   | \$276.04   | \$331.46   |
| 3 CY                               |      | \$89.72                   | \$179.62   | \$269.52   | \$359.41   | \$449.31   | \$539.20   |
| 4 CY                               |      | \$117.86                  | \$234.66   | \$351.46   | \$468.26   | \$585.07   | \$701.87   |
| 6 CY                               |      | \$195.96                  | \$389.00   | \$582.05   | \$775.10   | \$968.14   | \$1,161.19 |
| 2 CY                               | Comp | \$115.73                  | \$232.53   | \$349.34   | \$466.14   | \$582.94   | \$699.75   |
| 3 CY                               | Comp | \$192.87                  | \$385.92   | \$578.97   | \$772.01   | \$965.06   | \$1,158.10 |
| 4 CY                               | Comp | \$255.11                  | \$509.17   | \$763.23   | \$1,017.29 | \$1,271.35 | \$1,525.41 |
| 6 CY                               | Comp | \$470.45                  | \$937.98   | \$1,405.51 | \$1,873.05 | \$2,340.58 | \$2,808.11 |
| <b>Organics (Food Waste)</b>       |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$4.26                    | \$12.40    | \$20.55    | \$28.69    | \$36.83    | \$44.98    |
| 64 Gallons                         |      | \$9.33                    | \$22.49    | \$35.65    | \$48.80    | \$61.96    | \$75.12    |
| 96 Gallons                         |      | \$14.69                   | \$33.15    | \$51.61    | \$70.06    | \$88.52    | \$106.98   |
| 1.5 CY                             |      | \$87.65                   | \$177.28   | \$266.90   | \$356.53   | \$446.15   | \$535.78   |
| 2 CY                               |      | \$143.01                  | \$287.09   | \$431.17   | \$575.26   | \$719.34   | \$863.42   |
| 3 CY                               |      | \$211.68                  | \$423.54   | \$635.39   | \$847.25   | \$1,059.11 | \$1,270.96 |
| 1.5 CY                             | Comp | \$209.88                  | \$421.74   | \$633.59   | \$845.45   | \$1,057.30 | \$1,269.16 |
| 2 CY                               | Comp | \$279.00                  | \$559.06   | \$839.13   | \$1,119.20 | \$1,399.27 | \$1,679.34 |
| 3 CY                               | Comp | \$415.00                  | \$830.18   | \$1,245.35 | \$1,660.53 | \$2,075.70 | \$2,490.88 |
| <b>Green Waste</b>                 |      | Open Grouping for Detail  |            |            |            |            |            |
| 32 Gallons                         |      | \$4.26                    | \$12.40    | \$20.55    | \$28.69    | \$36.83    | \$44.98    |
| 64 Gallons                         |      | \$9.33                    | \$22.49    | \$35.65    | \$48.80    | \$61.96    | \$75.12    |
| 96 Gallons                         |      | \$14.69                   | \$33.15    | \$51.61    | \$70.06    | \$88.52    | \$106.98   |
| 1.5 CY                             |      | \$60.46                   | \$122.89   | \$185.33   | \$247.76   | \$310.19   | \$372.63   |
| 2 CY                               |      | \$106.75                  | \$214.58   | \$322.41   | \$430.23   | \$538.06   | \$645.88   |
| 3 CY                               |      | \$157.30                  | \$314.77   | \$472.24   | \$629.71   | \$787.19   | \$944.66   |
| 4 CY                               |      | \$208.61                  | \$416.17   | \$623.72   | \$831.28   | \$1,038.84 | \$1,246.39 |
| 6 CY                               |      | \$309.32                  | \$615.73   | \$922.13   | \$1,228.54 | \$1,534.95 | \$1,841.36 |





# ATTACHMENT G

**Systematic Revenue Increase**



# ATTACHMENT G - SYSTEMATIC REVENUE INCREASE

|  |  | Months<br>Increase<br>In Effect | Approved<br>2024/25 | 2025/26        | 2026/27        | Projected<br>2027/28 | 2028/29        | 2029/30        | 2030/31        | 2031/32        | 2032/33        | 2033/34        | 2034/35        |
|--|--|---------------------------------|---------------------|----------------|----------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Rate Revenue at Current Rates</b>                       |  |                                 |                     |                |                |                      |                |                |                |                |                |                |                |
| Solid Waste Revenues                                       |  |                                 | \$54,788,143        | \$58,358,775   | \$64,773,636   | \$69,947,879         | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   |
| <b>Total Revenue (before rate increases)</b>               |  |                                 | \$54,788,143        | \$58,358,775   | \$64,773,636   | \$69,947,879         | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   |
| <b>Overall System Increase in Rate Revenue</b>             |  |                                 | <b>0.0%</b>         | <b>Phasing</b> | <b>Phasing</b> | <b>Phasing</b>       | <b>3.0%</b>    | <b>3.0%</b>    | <b>3.0%</b>    | <b>4.0%</b>    | <b>4.0%</b>    | <b>4.0%</b>    | <b>4.0%</b>    |
| <i>cumulative</i>  |  |                                 | 0.0%                | 6.5%           | 18.2%          | 27.7%                | 31.5%          | 35.4%          | 39.5%          | 45.1%          | 50.9%          | 56.9%          | 63.2%          |
| <b>Revenue from Current Rates</b>                          |  |                                 | \$54,788,143        | \$58,358,775   | \$64,773,636   | \$69,947,879         | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   |
| <b>Revenue from Rate Increases</b>                         |  |                                 |                     |                |                |                      |                |                |                |                |                |                |                |
| FY 2025/26 (eff. Nov 1, 2025)                              |  | 8                               |                     |                |                |                      |                |                |                |                |                |                |                |
| FY 2026/27 (eff. July 1, 2026)                             |  | 12                              |                     |                |                |                      |                |                |                |                |                |                |                |
| FY 2027/28 (eff. July 1, 2027)                             |  | 12                              |                     |                |                |                      |                |                |                |                |                |                |                |
| FY 2028/29 (eff. July 1, 2028)                             |  | 12                              |                     |                |                |                      | \$2,098,436    | \$2,098,436    | \$2,098,436    | \$2,098,436    | \$2,098,436    | \$2,098,436    | \$2,098,436    |
| FY 2029/30 (eff. July 1, 2029)                             |  | 12                              |                     |                |                |                      |                | \$2,161,389    | \$2,161,389    | \$2,161,389    | \$2,161,389    | \$2,161,389    | \$2,161,389    |
| FY 2030/31 (eff. July 1, 2030)                             |  | 12                              |                     |                |                |                      |                |                | \$2,226,231    | \$2,226,231    | \$2,226,231    | \$2,226,231    | \$2,226,231    |
| FY 2031/32 (eff. July 1, 2031)                             |  | 12                              |                     |                |                |                      |                |                |                | \$3,057,357    | \$3,057,357    | \$3,057,357    | \$3,057,357    |
| FY 2032/33 (eff. July 1, 2032)                             |  | 12                              |                     |                |                |                      |                |                |                |                | \$3,179,652    | \$3,179,652    | \$3,179,652    |
| FY 2033/34 (eff. July 1, 2033)                             |  | 12                              |                     |                |                |                      |                |                |                |                |                | \$3,306,838    | \$3,306,838    |
| FY 2034/35 (eff. July 1, 2034)                             |  | 12                              |                     |                |                |                      |                |                |                |                |                |                | \$3,439,111    |
| <b>Total Revenue from Rate Increases</b>                   |  |                                 | \$0                 | \$0            | \$0            | \$0                  | \$2,098,436    | \$4,259,826    | \$6,486,057    | \$9,543,414    | \$12,723,066   | \$16,029,904   | \$19,469,015   |
| <b>Total Current Revenue</b>                               |  |                                 | \$54,788,143        | \$58,358,775   | \$64,773,636   | \$69,947,879         | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   | \$69,947,879   |
| <b>Total Revenue with Rate Increases</b>                   |  |                                 | \$54,788,143        | \$58,358,775   | \$64,773,636   | \$69,947,879         | \$72,046,316   | \$74,207,705   | \$76,433,936   | \$79,491,294   | \$82,670,946   | \$85,977,783   | \$89,416,895   |
| Total Revenue Requirement                                  |  |                                 | \$61,944,592        | \$64,330,499   | \$66,090,287   | \$72,454,404         | \$77,529,313   | \$80,738,341   | \$77,889,416   | \$81,156,826   | \$84,117,635   | \$89,315,297   | \$89,659,242   |
| Transfer to/(from) Reserves                                |  |                                 | (\$7,156,449)       | (\$5,971,724)  | (\$1,316,652)  | (\$2,506,525)        | (\$5,482,998)  | (\$6,530,636)  | (\$1,455,480)  | (\$1,665,532)  | (\$1,446,689)  | (\$3,337,514)  | (\$242,348)    |
| Rate Revenue Generated for Reserve Building                |  |                                 |                     |                |                |                      |                |                |                |                |                |                |                |
| Non-rate revenue   |  |                                 | \$3,836,795         | \$3,836,795    | \$3,631,094    | \$2,503,708          | \$2,568,881    | \$2,636,334    | \$2,706,149    | \$2,778,406    | \$2,853,193    | \$2,930,598    | \$3,010,711    |
| Surplus/shortfall with non-rate revenue and rate increases |  |                                 | (\$3,319,654)       | (\$2,134,929)  | \$2,314,443    | (\$2,817)            | (\$2,914,117)  | (\$3,894,302)  | \$1,250,669    | \$1,112,874    | \$1,406,504    | (\$406,916)    | \$2,768,364    |
| <b>Annual Change in Total Rate Revenue</b>                 |  |                                 |                     | 6.5%           | 11.0%          | 8.0%                 | 3.0%           | 3.0%           | 3.0%           | 4.0%           | 4.0%           | 4.0%           | 4.0%           |
| Transfer to/(from) Reserves w/o rate increases             |  |                                 | (\$7,156,449)       | (\$9,542,356)  | (\$11,302,144) | (\$17,666,261)       | (\$22,741,170) | (\$25,950,198) | (\$23,101,273) | (\$26,368,683) | (\$29,329,492) | (\$34,527,154) | (\$34,871,099) |





# ATTACHMENT H

**Cart (All Materials) ECU  
Calculation**



# ATTACHMENT H - CART (ALL MATERIALS) ECU CALCULATION

Ontario  
Solid Waste Rates  
Equivalent Container Factor - All Carts

|                        |                            |
|------------------------|----------------------------|
| Total Cart Lifts - ALL | Residential and Commercial |
| 32 Gallons             | 3,771                      |
| 64 Gallons             | 5,600                      |
| 96 Gallons             | 98,842                     |
|                        | 108,213                    |

| Container Size (Gal) | Estimation of Equivalent Routes |                      |                     |                | System             |                | Loads if All    |  |
|----------------------|---------------------------------|----------------------|---------------------|----------------|--------------------|----------------|-----------------|--|
|                      | Lifts                           | % of All Subscribers | Setouts in Max Load | Req'd Rte Days | Ideal 1-Load Route | Total Accounts | Carts Same Size |  |
| 32 Gallons           | 3,771                           | 3%                   | 2,045               | 52.92          | 71                 | 108,213        | 52.92           |  |
| 64 Gallons           | 5,600                           | 5%                   | 1,022               | 105.88         | 52                 | 108,213        | 105.88          |  |
| 96 Gallons           | 98,842                          | 91%                  | 681                 | 158.90         | 622                | 108,213        | 158.90          |  |
| Total                | 108,213                         |                      |                     |                | 745                |                |                 |  |

|                  |       |
|------------------|-------|
| Calculated Loads | 145.3 |
|------------------|-------|

| Container Size (Gal) | Lifts  | Lifts/Rte | Trucks per Route | Lifts/Truck | Average Route Time |
|----------------------|--------|-----------|------------------|-------------|--------------------|
| 32 Gallons           | 3,771  | 114       | 1                | 114         | 6.3                |
| 64 Gallons           | 5,600  | 169       | 1                | 169         | 6.3                |
| 96 Gallons           | 98,842 | 2,984     | 1                | 2,984       | 6.3                |
|                      |        | 3,267     |                  | 3,267       | 6.3                |

|           |        |                                |
|-----------|--------|--------------------------------|
| Lifts/Hr. | 514.55 | (Total Route/Min. Total Route) |
|-----------|--------|--------------------------------|

|            | Average Route Time | Hours to Pack-Out | Loads | Hours/ Dump Trip | Dump Time | Total Route Time | FTE Route Factor |
|------------|--------------------|-------------------|-------|------------------|-----------|------------------|------------------|
| 32 Gallons | 6.3                | 3.97              | 2     | 1.5              | 3.0       | 9.35             | 1.00             |
| 64 Gallons | 6.3                | 1.99              | 4     | 1.5              | 6.0       | 12.35            | 1.32             |
| 96 Gallons | 6.3                | 1.32              | 5     | 1.5              | 7.5       | 13.85            | 1.48             |

|                        |                          |
|------------------------|--------------------------|
| Total Expenses         | \$15,116,957 from tab 7A |
| Total Loads            | 145.3                    |
| Cost per Load per Week | \$2,001.42               |

| (Load Cost/Min. Load Cost) |                  |                                 |                           |                            |      |             |         |
|----------------------------|------------------|---------------------------------|---------------------------|----------------------------|------|-------------|---------|
|                            | FTE Route Factor | Loads if All Carts<br>Same Size | Cost per Load per<br>Week | Total Weekly Load<br>Costs | ECF  | Total Lifts | ECUs    |
| 32 Gallons                 | 1.00             | 52.92                           | \$2,001                   | \$105,907                  | 1.00 | 3,771       | 3,771   |
| 64 Gallons                 | 1.32             | 105.88                          | \$2,001                   | \$279,918                  | 2.64 | 5,600       | 14,801  |
| 96 Gallons                 | 1.48             | 158.90                          | \$2,001                   | \$471,108                  | 4.45 | 98,842      | 439,681 |
| Total                      |                  |                                 |                           |                            |      | 108,213     | 458,253 |

|                             |                          |
|-----------------------------|--------------------------|
| Annual Variable Route Costs | \$ 8,412,351 from tab 7A |
| ECU's                       | 458,253                  |
| Annual Variable \$/ECU      | \$18.36                  |
| Monthly Variable \$/ECU     | \$1.53                   |

| Monthly Variable     |      | Monthly Variable |  |
|----------------------|------|------------------|--|
| Monthly Variable/ECU | ECF  | Rate             |  |
| 32 Gallons           | 1.00 | \$1.53           |  |
| 64 Gallons           | 2.64 | \$4.04           |  |
| 96 Gallons           | 4.45 | \$6.80           |  |



# ATTACHMENT I

## Solid Waste Bin ECU Calculation



# ATTACHMENT I - SOLID WASTE BIN ECU CALCULATION

Ontario  
Solid Waste Rates  
Equivalent Container Factor - Commercial Solid Waste

| Total Lifts - MSW | Commercial Bins |      |
|-------------------|-----------------|------|
| 1.5 CY            | 549             |      |
| 2 CY              | -               |      |
| 3 CY              | 1,406           |      |
| 4 CY              | 7,503           |      |
| 6 CY              | 387             |      |
| 2 CY Comp         | 76              |      |
| 3 CY Comp         | -               |      |
| 4 CY Comp         | 6               |      |
| 6 CY Comp         | 12              |      |
|                   | 9,939           | TRUE |

| Container Size (Gal) | Estimation of Equivalent Routes |                      |                     |                |                    | from tab 5E           |                              |
|----------------------|---------------------------------|----------------------|---------------------|----------------|--------------------|-----------------------|------------------------------|
|                      | Lifts                           | % of All Subscribers | Setouts in Max Load | Req'd Rte Days | Ideal 1-Load Route | System Total Accounts | Loads if All Carts Same Size |
| 1.5 CY               | 549                             | 6%                   | 149                 | 66.70          | 8                  | 9,939                 | 66.70                        |
| 2 CY                 | -                               | 0%                   | 112                 | 88.74          | -                  | 9,939                 | 88.74                        |
| 3 CY                 | 1,406                           | 14%                  | 74                  | 134.31         | 10                 | 9,939                 | 134.31                       |
| 4 CY                 | 7,503                           | 75%                  | 56                  | 177.48         | 42                 | 9,939                 | 177.48                       |
| 6 CY                 | 387                             | 4%                   | 37                  | 268.62         | 1                  | 9,939                 | 268.62                       |
| 2 CY Comp            | 76                              | 1%                   | 56                  | 177.48         | -                  | 9,939                 | 177.48                       |
| 3 CY Comp            | -                               | 0%                   | 37                  | 268.62         | -                  | 9,939                 | 268.62                       |
| 4 CY Comp            | 6                               | 0%                   | 28                  | 354.96         | -                  | 9,939                 | 354.96                       |
| 6 CY Comp            | 12                              | 0%                   | 18                  | 552.17         | -                  | 9,939                 | 552.17                       |
| Total                | 9,939                           |                      |                     |                | 61                 |                       |                              |

|                  |       |
|------------------|-------|
| Calculated Loads | 162.9 |
|------------------|-------|

| Container Size (Gal) | Lifts | Lifts/Rte | Trucks per Route | Lifts/Truck | Average Route Time |
|----------------------|-------|-----------|------------------|-------------|--------------------|
| 1.5 CY               | 549   | 9         | 1                | 9           | 6.8                |
| 2 CY                 | -     | -         | 1                | -           | 6.8                |
| 3 CY                 | 1,406 | 23        | 1                | 23          | 6.8                |
| 4 CY                 | 7,503 | 125       | 1                | 125         | 6.8                |
| 6 CY                 | 387   | 6         | 1                | 6           | 6.8                |
| 2 CY Comp            | 76    | 1         | 1                | 1           | 6.8                |
| 3 CY Comp            | -     | -         | 1                | -           | 6.8                |
| 4 CY Comp            | 6     | 0         | 1                | 0           | 6.8                |
| 6 CY Comp            | 12    | 0         | 1                | 0           | 6.8                |
|                      |       |           |                  | 166         | 6.8                |

|           |       |                                |
|-----------|-------|--------------------------------|
| Lifts/Hr. | 24.19 | (Total Route/Min. Total Route) |
|-----------|-------|--------------------------------|

|           | Average Route Time | Hours to Pack-Out | Loads | Hours/ Dump Trip | Dump Time | Total Route Time | FTE Route Factor |
|-----------|--------------------|-------------------|-------|------------------|-----------|------------------|------------------|
| 1.5 CY    | 6.8                | 6.16              | 2     | 1.5              | 3.0       | 9.85             | 1.00             |
| 2 CY      | 6.8                | 4.63              | 2     | 1.5              | 3.0       | 9.85             | 1.00             |
| 3 CY      | 6.8                | 3.06              | 3     | 1.5              | 4.5       | 11.35            | 1.15             |
| 4 CY      | 6.8                | 2.31              | 3     | 1.5              | 4.5       | 11.35            | 1.15             |
| 6 CY      | 6.8                | 1.53              | 5     | 1.5              | 7.5       | 14.35            | 1.46             |
| 2 CY Comp | 6.8                | 2.31              | 3     | 1.5              | 4.5       | 11.35            | 1.15             |
| 3 CY Comp | 6.8                | 1.53              | 5     | 1.5              | 7.5       | 14.35            | 1.46             |
| 4 CY Comp | 6.8                | 1.16              | 6     | 1.5              | 9.0       | 15.85            | 1.61             |
| 6 CY Comp | 6.8                | 0.74              | 10    | 1.5              | 15.0      | 21.85            | 2.22             |

|                        |              |             |
|------------------------|--------------|-------------|
| Total Expenses         | \$10,854,221 | from tab 7B |
| Total Loads            | 162.9        |             |
| Cost per Load per Week | \$1,281.10   |             |

| (Load Cost/Min. Load Cost) |                  |                                 |                           |                            |       |             |        |
|----------------------------|------------------|---------------------------------|---------------------------|----------------------------|-------|-------------|--------|
|                            | FTE Route Factor | Loads if All Carts<br>Same Size | Cost per Load per<br>Week | Total Weekly Load<br>Costs | ECF   | Total Lifts | ECUs   |
| 1.5 CY                     | 1.00             | 66.70                           | \$1,281                   | \$85,455                   | 1.00  | 549         | 549    |
| 2 CY                       | 1.00             | 88.74                           | \$1,281                   | \$113,686                  | 1.33  | -           | -      |
| 3 CY                       | 1.15             | 134.31                          | \$1,281                   | \$198,274                  | 2.32  | 1,406       | 3,262  |
| 4 CY                       | 1.15             | 177.48                          | \$1,281                   | \$262,005                  | 3.07  | 7,503       | 23,004 |
| 6 CY                       | 1.46             | 268.62                          | \$1,281                   | \$501,385                  | 5.87  | 387         | 2,271  |
| 2 CY Comp                  | 1.15             | 177.48                          | \$1,281                   | \$262,005                  | 3.07  | 76          | 233    |
| 3 CY Comp                  | 1.46             | 268.62                          | \$1,281                   | \$501,385                  | 5.87  | -           | -      |
| 4 CY Comp                  | 1.61             | 354.96                          | \$1,281                   | \$731,811                  | 8.56  | 6           | 51     |
| 6 CY Comp                  | 2.22             | 552.17                          | \$1,281                   | \$1,569,366                | 18.36 | 12          | 220    |
| Total                      |                  |                                 |                           |                            |       | 9,939       | 29,591 |

|                             |             |             |
|-----------------------------|-------------|-------------|
| Annual Variable Route Costs | \$6,180,715 | from tab 7B |
| ECU's                       | 29,591      |             |
| Annual Variable \$/ECU      | \$208.87    |             |
| Monthly Variable \$/ECU     | \$17.41     |             |

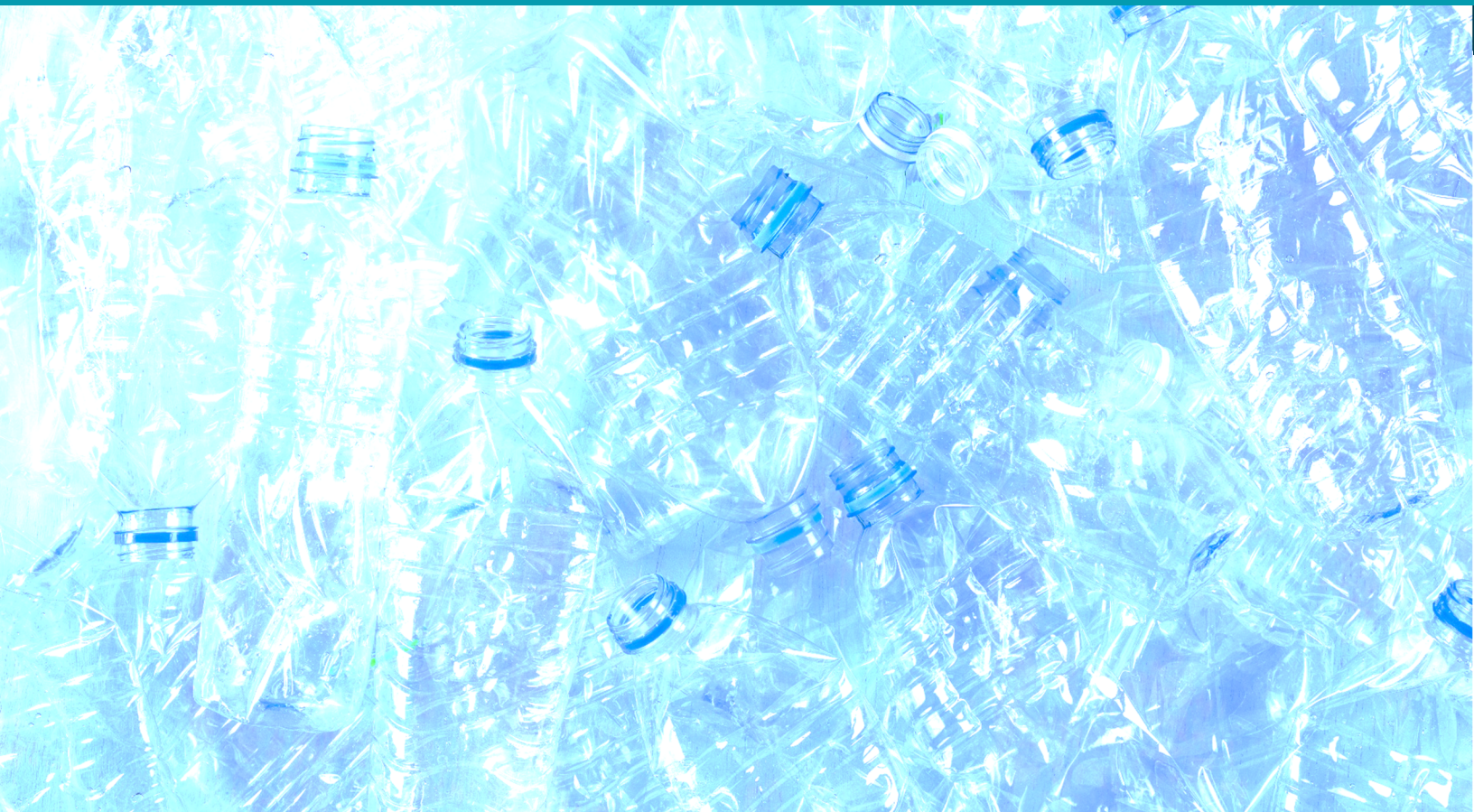
|           | Monthly Variable     |       | Monthly Variable Rate |
|-----------|----------------------|-------|-----------------------|
|           | Monthly Variable/ECU | ECF   |                       |
| 1.5 CY    | \$17.41              | 1.00  | \$17.41               |
| 2 CY      | \$17.41              | 1.33  | \$23.16               |
| 3 CY      | \$17.41              | 2.32  | \$40.39               |
| 4 CY      | \$17.41              | 3.07  | \$53.37               |
| 6 CY      | \$17.41              | 5.87  | \$102.13              |
| 2 CY Comp | \$17.41              | 3.07  | \$53.37               |
| 4 CY Comp | \$17.41              | 8.56  | \$149.06              |
| 6 CY Comp | \$17.41              | 18.36 | \$319.66              |





# ATTACHMENT J

## Recycling Bin ECU Calculation



# ATTACHMENT J - RECYCLING BIN ECU CALCULATION

Ontario  
Solid Waste Rates  
Equivalent Container Factor - Commercial Recycling

| Total Lifts - REC | Commercial   |
|-------------------|--------------|
| 1.5 CY            | 1,408        |
| 2 CY              | 13           |
| 3 CY              | 526          |
| 4 CY              | 2,042        |
| 6 CY              | 128          |
| 2 CY Comp         | -            |
| 3 CY Comp         | -            |
| 4 CY Comp         | -            |
| 6 CY Comp         | 2            |
|                   | <u>4,119</u> |
|                   | TRUE         |

| Container Size (Gal) | Estimation of Equivalent Routes |                      |                     |                |                    | from tab 5E    |                 |
|----------------------|---------------------------------|----------------------|---------------------|----------------|--------------------|----------------|-----------------|
|                      | Lifts                           | % of All Subscribers | Setouts in Max Load | Req'd Rte Days | Ideal 1-Load Route | System         | Loads if All    |
| 1.5 CY               | 1,408                           | 34%                  | 597                 | 6.90           | 204                | Total Accounts | Carts Same Size |
| 2 CY                 | 13                              | 0%                   | 448                 | 9.19           | 1                  | 4,119          | 6.90            |
| 3 CY                 | 526                             | 13%                  | 298                 | 13.82          | 38                 | 4,119          | 9.19            |
| 4 CY                 | 2,042                           | 50%                  | 224                 | 18.38          | 111                | 4,119          | 13.82           |
| 6 CY                 | 128                             | 3%                   | 149                 | 27.63          | 4                  | 4,119          | 18.39           |
| 2 CY Comp            | -                               | 0%                   | 224                 | 18.38          | -                  | 4,119          | 27.64           |
| 3 CY Comp            | -                               | 0%                   | 149                 | 27.63          | -                  | 4,119          | 18.39           |
| 4 CY Comp            | -                               | 0%                   | 112                 | 36.76          | -                  | 4,119          | 27.64           |
| 6 CY Comp            | 2                               | 0%                   | 74                  | 55.64          | -                  | 4,119          | 36.78           |
| Total                | <u>4,117</u>                    |                      |                     |                | <u>358</u>         |                | 55.66           |

|                  |             |
|------------------|-------------|
| Calculated Loads | <u>11.5</u> |
|------------------|-------------|

| Container Size (Gal) | Lifts | Lifts/Rte | Trucks per Route | Lifts/Truck | Average Route Time |
|----------------------|-------|-----------|------------------|-------------|--------------------|
| 1.5 CY               | 1,408 | 282       | 5                | 56          | 6.8                |
| 2 CY                 | 13    | 3         | 5                | 1           | 6.8                |
| 3 CY                 | 526   | 105       | 5                | 21          | 6.8                |
| 4 CY                 | 2,042 | 408       | 5                | 82          | 6.8                |
| 6 CY                 | 128   | 26        | 5                | 5           | 6.8                |
| 2 CY Comp            | -     | -         | 5                | -           | 6.8                |
| 3 CY Comp            | 2     | 0         | 5                | 0           | 6.8                |
| 4 CY Comp            | 4,119 | 824       | 5                | 165         | 6.8                |
| 6 CY Comp            | -     | -         | 5                | -           | 6.8                |
|                      |       |           |                  | <u>330</u>  | 6.8                |

|           |              |                                |
|-----------|--------------|--------------------------------|
| Lifts/Hr. | <u>48.12</u> | (Total Route/Min. Total Route) |
|-----------|--------------|--------------------------------|

|           | Average Route Time | Hours to Pack-Out | Loads | Hours/ Dump Trip | Dump Time | Total Route Time | FTE Route Factor |
|-----------|--------------------|-------------------|-------|------------------|-----------|------------------|------------------|
| 1.5 CY    | 6.8                | 12.41             | 1     | 1.5              | 1.5       | 8.35             | 1                |
| 2 CY      | 6.8                | 9.31              | 1     | 1.5              | 1.5       | 8.35             | 1                |
| 3 CY      | 6.8                | 6.19              | 2     | 1.5              | 3.0       | 9.85             | 1                |
| 4 CY      | 6.8                | 4.65              | 2     | 1.5              | 3.0       | 9.85             | 1                |
| 6 CY      | 6.8                | 3.10              | 3     | 1.5              | 4.5       | 11.35            | 1                |
| 2 CY Comp | 6.8                | 4.65              | 2     | 1.5              | 3.0       | 9.85             | 1                |
| 3 CY Comp | 6.8                | 3.10              | 3     | 1.5              | 4.5       | 11.35            | 1                |
| 4 CY Comp | 6.8                | 2.33              | 3     | 1.5              | 4.5       | 11.35            | 1                |
| 6 CY Comp | 6.8                | 1.54              | 5     | 1.5              | 7.5       | 14.35            | 2                |

|                        |                   |             |
|------------------------|-------------------|-------------|
| Total Expenses         | \$5,888,232       | from tab 7B |
| Total Loads            | <u>11.5</u>       |             |
| Cost per Load per Week | <u>\$9,846.54</u> |             |

|           | FTE Route Factor | Loads if All Carts Same Size | Cost per Load per Week | Total Weekly Load Costs | ECF   | Total Lifts | ECUs  |
|-----------|------------------|------------------------------|------------------------|-------------------------|-------|-------------|-------|
| 1.5 CY    | 1.00             | 6.90                         | \$9,847                | \$67,936                | 1.00  | 1,408       | 1,408 |
| 2 CY      | 1.00             | 9.19                         | \$9,847                | \$90,531                | 1.33  | 13          | 17    |
| 3 CY      | 1.18             | 13.82                        | \$9,847                | \$160,556               | 2.36  | 526         | 1,243 |
| 4 CY      | 1.18             | 18.39                        | \$9,847                | \$213,597               | 3.14  | 2,042       | 6,420 |
| 6 CY      | 1.36             | 27.64                        | \$9,847                | \$370,025               | 5.45  | 128         | 697   |
| 2 CY Comp | 1.18             | 18.39                        | \$9,847                | \$213,597               | 3.14  | -           | -     |
| 3 CY Comp | 1.36             | 27.64                        | \$9,847                | \$370,025               | 5.45  | -           | -     |
| 4 CY Comp | 1.36             | 36.78                        | \$9,847                | \$492,265               | 7.25  | -           | -     |
| 6 CY Comp | 1.72             | 55.66                        | \$9,847                | \$942,020               | 13.87 | 2           | 28    |
| Total     | 11.34            |                              |                        |                         |       | 4,119       | 9,786 |

|                             |              |             |
|-----------------------------|--------------|-------------|
| Annual Variable Route Costs | \$6,319,406  | from tab 7B |
| ECU's                       | <u>9,786</u> |             |
| Annual Variable \$/ECU      | \$645.77     |             |
| Monthly Variable \$/ECU     | \$53.81      |             |

|           | Monthly Variable/ECU | ECF   | Monthly Variable Rate |
|-----------|----------------------|-------|-----------------------|
| 1.5 CY    | \$53.81              | 1.00  | \$53.81               |
| 2 CY      | \$53.81              | 1.33  | \$71.71               |
| 3 CY      | \$53.81              | 2.36  | \$127.18              |
| 4 CY      | \$53.81              | 3.14  | \$169.20              |
| 6 CY      | \$53.81              | 5.45  | \$293.11              |
| 2 CY Comp | \$53.81              | 3.14  | \$169.20              |
| 3 CY Comp | \$53.81              | 5.45  | \$293.11              |
| 4 CY Comp | \$53.81              | 7.25  | \$389.94              |
| 6 CY Comp | \$53.81              | 13.87 | \$746.20              |





# ATTACHMENT K

## Organics Bin ECU Calculation



# ATTACHMENT K - ORGANICS BIN ECU CALCULATION

Ontario  
Solid Waste Rates  
Equivalent Container Factor - Commercial Organics

| Total Lifts - ORG | Commercial |           |
|-------------------|------------|-----------|
| 1.5 CY            | 176        |           |
| 2 CY              | 16         |           |
| 3 CY              | 95         | 9.50 tons |
| 4 CY              | 130        |           |
| 6 CY              | 39         |           |
| 1.5 CY Comp       | -          |           |
| 2 CY Comp         | -          |           |
| 3 CY Comp         | -          | 4.43      |
|                   | <u>456</u> | TRUE      |

| Container Size (Gal) | Lifts      | Estimation of Equivalent Routes |                     |                |                    | from tab 5E |                              |
|----------------------|------------|---------------------------------|---------------------|----------------|--------------------|-------------|------------------------------|
|                      |            | % of All Subscribers            | Setouts in Max Load | Req'd Rte Days | Ideal 1-Load Route | System      | Loads if All Carts Same Size |
| 1.5 CY               | 176        | 39%                             | 750                 | 0.61           | 289                | 456         | 0.61                         |
| 2 CY                 | 16         | 4%                              | 375                 | 1.22           | 13                 | 456         | 1.22                         |
| 3 CY                 | 95         | 21%                             | 250                 | 1.82           | 52                 | 456         | 1.82                         |
| 4 CY                 | 130        | 29%                             | 187                 | 2.44           | 53                 | 456         | 2.44                         |
| 6 CY                 | 39         | 9%                              | 125                 | 3.65           | 10                 | 456         | 3.65                         |
| 1.5 CY Comp          | -          | 0%                              | 250                 | 1.82           | -                  | 456         | 1.82                         |
| 2 CY Comp            | -          | 0%                              | 187                 | 2.44           | -                  | 456         | 2.44                         |
| 3 CY Comp            | -          | 0%                              | 125                 | 3.65           | -                  | 456         | 3.65                         |
| Total                | <u>456</u> |                                 |                     |                | <u>417</u>         |             |                              |

Calculated Loads 1.1

| Container Size (Gal) | Lifts | Lifts/Rte | Trucks per Route | Lifts/Truck | Average Route Time |
|----------------------|-------|-----------|------------------|-------------|--------------------|
| 1.5 CY               | 176   | 176       | 5                | 35          | 6.1                |
| 2 CY                 | 16    | 16        | 5                | 3           | 6.1                |
| 3 CY                 | 95    | 95        | 5                | 19          | 6.1                |
| 4 CY                 | 130   | 130       | 5                | 26          | 6.1                |
| 6 CY                 | 39    | 39        | 5                | 8           | 6.1                |
| 1.5 CY Comp          | -     | -         | 5                | -           | 6.1                |
| 2 CY Comp            | -     | -         | 5                | -           | 6.1                |
| 3 CY Comp            | -     | -         | 5                | -           | 6.1                |
|                      |       |           | <u>91</u>        |             | 6.1                |

Lifts/Hr. 14.95 (Total Route/Min. Total Route)

|             | Average Route Time | Hours to Pack-Out | Loads | Hours/ Dump Trip | Dump Time | Total Route Time | FTE Route Factor |
|-------------|--------------------|-------------------|-------|------------------|-----------|------------------|------------------|
| 1.5 CY      | 6.1                | 50.16             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 2 CY        | 6.1                | 25.08             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 3 CY        | 6.1                | 16.72             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 4 CY        | 6.1                | 12.51             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 6 CY        | 6.1                | 8.36              | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 1.5 CY Comp | 6.1                | 16.72             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 2 CY Comp   | 6.1                | 12.51             | 1     | 1.5              | 1.5       | 7.60             | 1.00             |
| 3 CY Comp   | 6.1                | 8.36              | 1     | 1.5              | 1.5       | 7.60             | 1.00             |

Total Expenses \$925,635 from tab 7B  
Total Loads 1.1  
Cost per Load per Week \$16,278.24

|             | FTE Route Factor | Loads if All Carts Same Size | Cost per Load per Week | Total Weekly Load Costs | ECF  | (Load Cost/Min. Load Cost) |              |
|-------------|------------------|------------------------------|------------------------|-------------------------|------|----------------------------|--------------|
|             |                  |                              |                        |                         |      | Total Lifts                | ECUs         |
| 1.5 CY      | 1.00             | 0.61                         | \$16,278               | \$9,897                 | 1.00 | 176                        | 176          |
| 2 CY        | 1.00             | 1.22                         | \$16,278               | \$19,794                | 2.00 | 16                         | 32           |
| 3 CY        | 1.00             | 1.82                         | \$16,278               | \$29,692                | 3.00 | 95                         | 285          |
| 4 CY        | 1.00             | 2.44                         | \$16,278               | \$39,695                | 4.01 | 130                        | 521          |
| 6 CY        | 1.00             | 3.65                         | \$16,278               | \$59,383                | 6.00 | 39                         | 234          |
| 1.5 CY Comp | 1.00             | 1.82                         | \$16,278               | \$29,692                | 3.00 | -                          | -            |
| 2 CY Comp   | 1.00             | 2.44                         | \$16,278               | \$39,695                | 4.01 | -                          | -            |
| 3 CY Comp   | 1.00             | 3.65                         | \$16,278               | \$59,383                | 6.00 | -                          | -            |
| Total       |                  |                              |                        |                         |      | <u>456</u>                 | <u>1,248</u> |

Annual Variable Route Costs 532,986 from tab 7B  
ECU's 1,248  
Annual Variable \$/ECU \$426.94  
Monthly Variable \$/ECU \$35.58

|             | Monthly Variable/ECU | ECF  | Monthly Variable Rate |
|-------------|----------------------|------|-----------------------|
| 1.5 CY      | \$35.58              | 1.00 | \$35.58               |
| 2 CY        | \$35.58              | 2.00 | \$71.16               |
| 3 CY        | \$35.58              | 3.00 | \$106.73              |
| 4 CY        | \$35.58              | 4.01 | \$142.69              |
| 6 CY        | \$35.58              | 6.00 | \$213.47              |
| 1.5 CY Comp | \$35.58              | 3.00 | \$106.73              |
| 2 CY Comp   | \$35.58              | 4.01 | \$142.69              |
| 3 CY Comp   | \$35.58              | 6.00 | \$213.47              |



# **ATTACHMENT L**

## **Roll-Off ECU Calculation**



# ATTACHMENT L - ROLL OFF ECU CALCULATION

Ontario

Solid Waste Rates

Equivalent Container Factor - Rolloff

|                    | <u>Commercial</u> | <u>FTE Route Factor</u> |
|--------------------|-------------------|-------------------------|
| <b>Total Pulls</b> |                   |                         |
| <b>Solid Waste</b> |                   |                         |
| Loose              | 13,118            | 1.00                    |
| Comp               | 6,806             | 1.25                    |
| <b>Recycling</b>   |                   |                         |
| Loose              | 3,481             | 1.00                    |
| Comp               | 244               | 1.25                    |
| <b>Green Waste</b> |                   |                         |
| Loose              | 1,940             | 1.00                    |
| Comp               | 0                 | 1.25                    |
| <b>C&amp;D</b>     |                   |                         |
| Loose              | 3,106             | 1.00                    |
| Comp               | 0                 | 1.25                    |
|                    | <u>28,695</u>     |                         |

|                   |                          |
|-------------------|--------------------------|
|                   | TRUE                     |
| Total Expenses    | \$11,438,722 from tab 7B |
| FTE Route Factors | <u>30,458</u>            |
| Cost per Pull     | \$375.56                 |

|                    | <u>FTE Route Factor</u> | <u>Cost per Pull</u> | <u>Total Weekly Load Costs</u> | <u>ECF</u>  | <u>Total Lifts</u> | <u>ECUs</u>   |
|--------------------|-------------------------|----------------------|--------------------------------|-------------|--------------------|---------------|
| <b>Solid Waste</b> |                         |                      |                                |             |                    |               |
| Loose              | 1.00                    | \$376                | \$376                          | <b>1.00</b> | 13,118             | 13,118        |
| Comp               | 1.25                    | \$376                | \$469                          | <b>1.25</b> | 6,806              | 8,508         |
| <b>Recycling</b>   |                         |                      |                                |             |                    |               |
| Loose              | 1.00                    | \$376                | \$376                          | <b>1.00</b> | 3,481              | 3,481         |
| Comp               | 1.25                    | \$376                | \$469                          | <b>1.25</b> | 244                | 305           |
| <b>Green Waste</b> |                         |                      |                                |             |                    |               |
| Loose              | 1.00                    | \$376                | \$376                          | <b>1.00</b> | 1,940              | 1,940         |
| Comp               | 1.25                    | \$376                | \$469                          | <b>1.25</b> | -                  | -             |
| <b>C&amp;D</b>     |                         |                      |                                |             |                    |               |
| Loose              | 1.00                    | \$376                | \$376                          | <b>1.00</b> | 3,106              | 3,106         |
| Comp               | 1.25                    | \$376                | \$469                          | <b>1.25</b> | -                  | -             |
| <b>Total</b>       |                         |                      |                                |             | <u>28,695</u>      | <u>30,458</u> |

|                             |                             |
|-----------------------------|-----------------------------|
| Annual Variable Route Costs | \$ 6,213,028.58 from tab 7C |
| ECU's                       | <u>30,458</u>               |
| \$/ECU                      | \$203.99                    |

|                    | <u>Monthly Variable/ECU</u> | <u>ECF</u> | <u>Monthly Variable Rate</u> |
|--------------------|-----------------------------|------------|------------------------------|
| <b>Solid Waste</b> |                             |            |                              |
| Loose              | \$203.99                    | 1.00       | \$203.99                     |
| Comp               | \$203.99                    | 1.25       | \$254.99                     |
| <b>Recycling</b>   |                             |            |                              |
| Loose              | \$203.99                    | 1.00       | \$203.99                     |
| Comp               | \$203.99                    | 1.25       | \$254.99                     |
| <b>Green Waste</b> |                             |            |                              |
| Loose              | \$203.99                    | 1.00       | \$203.99                     |
| Comp               | \$203.99                    | 1.25       | \$254.99                     |
| <b>C&amp;D</b>     |                             |            |                              |
| Loose              | \$203.99                    | 1.00       | \$203.99                     |
| Comp               | \$203.99                    | 1.25       | \$254.99                     |





# ATTACHMENT M

**Cart (All Materials) COS Rate  
Calculation**



# ATTACHMENT M - CARTS (ALL MATERIALS) COS RATE CALCULATION

| Carts - All Material Streams                           |                     |                  |       |                     |
|--|---------------------|------------------|-------|---------------------|
| Cost of Service Information - 2024                     |                     |                  |       |                     |
| Description  | Residential         | Commercial       | Other | Total               |
| <b>Fixed Costs</b>                                     |                     |                  |       |                     |
| Utilities Customer Service                             | \$349,030           | \$0              |       | \$349,030           |
| Integrated Waste Admin - Fixed                         | \$1,741,270         | \$0              |       | \$1,741,270         |
| Customer Information System Replacement                | \$14,788            | \$0              |       | \$14,788            |
| Bioswale Drainage                                      | \$2,581             | \$0              |       | \$2,581             |
| Municipal Services Center Relocation                   | \$929,629           | \$0              |       | \$929,629           |
| Public Works Order Management Upgrade                  | \$17,925            | \$0              |       | \$17,925            |
| Municipal Services Project                             | \$0                 | \$0              |       | \$0                 |
| Transfer Out   | \$183,498           | \$22,253         |       | \$205,751           |
| <b>Non-Rate Revenue</b>                                |                     |                  |       |                     |
| Recycling  | -\$81,590           | -\$1,042         |       | -\$82,632           |
| Dead Run Charges                                       | \$0                 | \$0              |       | \$0                 |
| Late Charges   | -\$378,084          | -\$13,363        |       | -\$391,447          |
| Interest Income  | -\$158,723          | -\$5,866         |       | -\$164,589          |
| Grant Revenue  | -\$493,304          | -\$18,232        |       | -\$511,537          |
| Double Counted Extra Cart Depreciation                 | -\$21,488           | -\$1,456         |       | -\$22,944           |
| Cart General Overhead                                  | \$1,266,950         | \$165,958        |       | \$1,432,908         |
| Bin General Overhead                                   | \$0                 | \$0              |       | \$0                 |
| RO General Overhead                                    | \$0                 | \$0              |       | \$0                 |
| Depreciation - Carts                                   | \$0                 | \$0              |       | \$0                 |
| Depreciation - Bins                                    | \$0                 | \$0              |       | \$0                 |
| Depreciation - Rolloff                                 | \$0                 | \$0              |       | \$0                 |
| Street Sweeping  | 1,585,228           | 6,709            |       | \$1,591,937         |
| <b>Variable Costs</b>                                  |                     |                  |       |                     |
| New Program Variable Costs                             | \$0                 | \$0              |       | \$0                 |
| Frequency Surcharge (Comm)                             | \$0                 | (\$16,609)       |       | (\$16,609)          |
| [Insert Category]                                      | \$0                 | \$0              |       | \$0                 |
| Integrated Waste Admin - Variable                      | \$1,558,431         | \$0              |       | \$1,558,431         |
| Cart Direct Variable Costs                             | \$6,174,692         | \$147,076        |       | \$6,321,768         |
| Bin Direct Variable Costs                              | \$0                 | \$0              |       | \$0                 |
| RO Direct Variable Costs                               | \$0                 | \$0              |       | \$0                 |
| HHW available to Residential only and Sharps Container | \$337,718           | \$0              |       | \$337,718           |
| Integrated Waste Admin - Variable (bulky only)         | \$211,043           | \$0              |       | \$211,043           |
| Cart Direct Variable Costs (bulky only)                | \$0                 | \$0              |       | \$0                 |
| <b>Disposal/Processing Costs</b>                       |                     |                  |       |                     |
| New Program Disposal Costs                             | \$0                 | \$0              |       | \$0                 |
| SW Processing - Carts                                  | \$3,253,640         | \$27,544         |       | \$3,281,185         |
| SW Processing - Bins                                   | \$0                 | \$0              |       | \$0                 |
| SW Processing - RO                                     | \$0                 | \$0              |       | \$0                 |
| Recycling Processing - Carts                           | \$635,576           | \$8,114          |       | \$643,690           |
| Recycling Processing - Bins                            | \$0                 | \$0              |       | \$0                 |
| YW/ ORG Processing - Carts                             | \$2,273,011         | \$89,672         |       | \$2,362,683         |
| YW/ ORG Processing - Bins                              | \$0                 | \$0              |       | \$0                 |
| YW/ ORG Processing - RO                                | \$0                 | \$0              |       | \$0                 |
| Food Waste Processing                                  | \$0                 | \$0              |       | \$0                 |
| Construction & Demolition Processing                   | \$0                 | \$0              |       | \$0                 |
| <b>Total Solid Waste Operational Requirements</b>      | <b>\$19,401,820</b> | <b>\$410,758</b> |       | <b>\$19,812,577</b> |
| <b>Transfer/Processing/Disposal Costs</b>              | <b>\$6,162,228</b>  | <b>\$125,330</b> |       | <b>\$6,287,557</b>  |
| <b>Solid Waste Fixed Costs (Residential)</b>           | <b>\$4,957,709</b>  |                  |       | <b>\$4,957,709</b>  |
| <b>Solid Waste Fixed Costs (Commercial)</b>            |                     | <b>\$154,960</b> |       | <b>\$154,960</b>    |
| <b>Solid Waste Variable Costs</b>                      | <b>\$8,281,883</b>  | <b>\$130,468</b> |       | <b>\$8,412,351</b>  |
| <b>Total Solid Waste Operational Requirements</b>      | <b>\$19,401,820</b> | <b>\$410,758</b> |       | <b>\$19,812,577</b> |
|  | Fig Check s/b 0     |                  |       | \$0.00              |



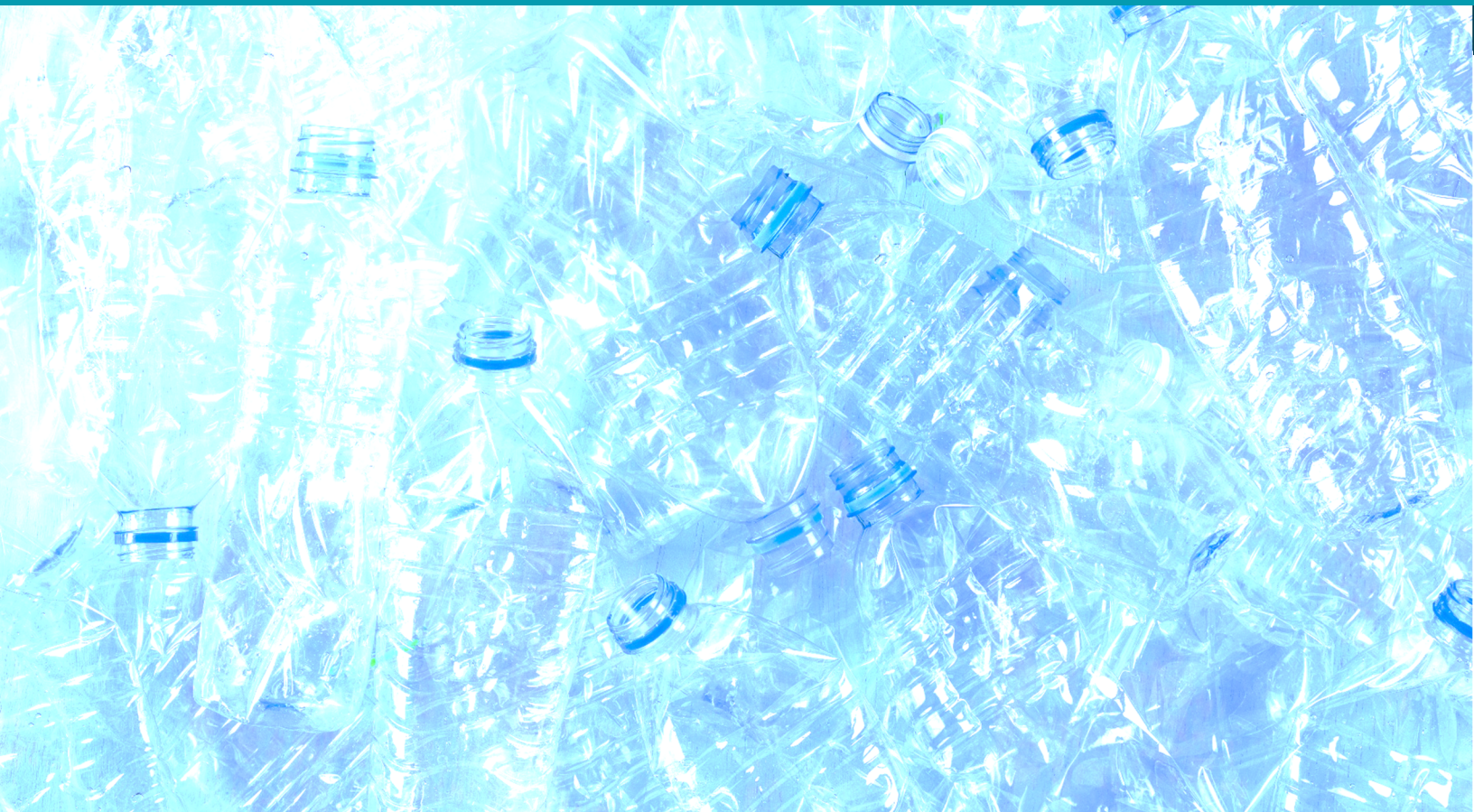
# ATTACHMENT M - CARTS (ALL MATERIALS) COS RATE CALCULATION

| Carts COS Rates   |         |          |           |              |
|---|---------|----------|-----------|--------------|
| Container Size (gal)  | 32      | 64       | 96        | Total        |
| Equivalent Container Factor (from ECF tab)                                | 1.00    | 2.64     | 4.45      |              |
| Total Lifts   | 3,771   | 5,600    | 98,842    |              |
| Equivalent Container Units (ECU)  | 3,771   | 14,801   | 439,681   | 458,253      |
| <b>Annual Variable Route Costs (Per Container)</b>                        |         |          |           | \$ 8,412,351 |
| ECUs  | 3,771   | 14,801   | 439,681   | 458,253      |
| Annual Variable/ECU   | 2,231   | 568      | 19        | \$ 18.36     |
| Monthly Variable/ECU  |         |          |           | \$ 1.53      |
| <b>Variable Costs/Cart/Month</b>  | \$ 1.53 | \$ 4.04  | \$ 6.80   |              |
| <b>Annual Disposal Route Costs (Solid Waste)</b>                          |         |          |           | \$ 3,281,185 |
| Lifts   | 1,315   | 4,810    | 29,790    |              |
| Container Size (gal)  | 32      | 64       | 96        |              |
| Total Vol (gal)   | 42,080  | 307,840  | 2,859,840 | 3,209,760    |
| Tip Fees/Gallon/Month   |         |          |           | \$ 0.09      |
| <b>Tip Fees/Cart/Month</b>  | \$ 2.73 | \$ 5.45  | \$ 8.18   |              |
| <b>Annual Processing Route Costs (Recycling)</b>                          |         |          |           | \$ 643,690   |
| Lifts   | -       | -        | 34,379    |              |
| Container Size (gal)  | 32      | 64       | 96        |              |
| Total Vol (gal)   | -       | -        | 3,300,384 | 3,300,384    |
| Tip Fees/Gallon/Month   |         |          |           | \$ 0.02      |
| <b>Tip Fees/Cart/Month</b>  | \$ 0.52 | \$ 1.04  | \$ 1.56   |              |
| <b>Annual Processing Route Costs (Organics)</b>                           |         |          |           | \$ 2,362,683 |
| Lifts   | 2,456   | 790      | 34,673    |              |
| Container Size (gal)  | 32      | 64       | 96        |              |
| Total Vol (gal)   | 78,592  | 50,560   | 3,328,608 | 3,457,760    |
| Tip Fees/Gallon/Month   |         |          |           | \$ 0.06      |
| <b>Tip Fees/Cart/Month</b>  | \$ 1.82 | \$ 3.64  | \$ 5.47   |              |
| <b>Fixed Costs (Per Container)</b>  |         |          |           |              |
| Accounts (Residential)  | 1,273   | 4,666    | 93,910    | 99,849       |
| Accounts (Commercial)   | 2,170   | 393      | 966       | 3,529        |
| <b>Fixed Costs/Account/Month (Residential &amp; Commercial)</b>           | \$ 4.12 | \$ 4.12  | \$ 4.12   | \$ 4.12      |
| <b>Container Rates</b>  |         |          |           |              |
| Variable Route Costs/Month  | 1.53    | 4.04     | 6.80      |              |
| Refuse Txfr & Disp Cost/Month   | 2.73    | 5.45     | 8.18      |              |
| Recycling Txfr & Proc Cost/Month  | 0.52    | 1.04     | 1.56      |              |
| Organics Txfr & Proc Cost/Month   | 1.82    | 3.64     | 5.47      |              |
| Fixed Costs/Container/Month (Residential)                                 | 4.12    | 4.12     | 4.12      |              |
| <b>TOTAL Monthly Rate 1x per week - Solid Waste</b>                       | \$ 8.38 | \$ 13.62 | \$ 19.10  |              |
| <b>TOTAL Monthly Rate 1x per week - Recycling</b>                         | \$ 6.17 | \$ 9.20  | \$ 12.49  |              |
| <b>TOTAL Monthly Rate 1x per week - Organics</b>                          | \$ 7.47 | \$ 11.81 | \$ 16.39  |              |
| <b>Increase in Rate Per 1x Frequency Increase - Solid Waste</b>           | \$ 7.95 | \$ 13.19 | \$ 18.67  |              |
| <b>Increase in Rate Per 1x Frequency Increase - Recycling</b>             | \$ 5.74 | \$ 8.77  | \$ 12.06  |              |
| <b>Increase in Rate Per 1x Frequency Increase - Organics</b>              | \$ 7.04 | \$ 11.38 | \$ 15.96  |              |
| <b>Additional Container Rates</b>   |         |          |           |              |
| Variable Route Costs/Month  | \$ 1.53 | \$ 4.04  | \$ 6.80   |              |
| Refuse Txfr & Disp Cost/Month   | \$ 2.73 | \$ 5.45  | \$ 8.18   |              |
| Recycling Txfr & Proc Cost/Month  | \$ 0.52 | \$ 1.04  | \$ 1.56   |              |
| Organics Txfr & Proc Cost/Month   | \$ 1.82 | \$ 3.64  | \$ 5.47   |              |
| Additional Depreciation (Fixed)   | \$ 0.33 | \$ 0.38  | \$ 0.43   |              |
| <b>TOTAL Monthly Rate 1x per week Additional Containers - Solid Waste</b> | \$ 4.59 | \$ 9.88  | \$ 15.42  |              |
| <b>TOTAL Monthly Rate 1x per week Additional Containers - Recycling</b>   | \$ 2.38 | \$ 5.47  | \$ 8.80   |              |
| <b>TOTAL Monthly Rate 1x per week Additional Containers - Organics</b>    | \$ 3.68 | \$ 8.07  | \$ 12.70  |              |
| <b>Increase in Rate Per 1x Frequency Increase Additional Containers</b>   | \$ 7.95 | \$ 13.19 | \$ 18.67  |              |
| <b>Increase in Rate Per 1x Frequency Increase Additional Containers</b>   | \$ 5.74 | \$ 8.77  | \$ 12.06  |              |
| <b>Increase in Rate Per 1x Frequency Increase Additional Containers</b>   | \$ 7.04 | \$ 11.38 | \$ 15.96  |              |



# ATTACHMENT N

## Solid Waste Bin COS Rate Calculation



# ATTACHMENT N - SOLID WASTE BIN COS RATE CALCULATION

| SOLID WASTE - Commercial Bins                          |                 |                     |                     |
|--|-----------------|---------------------|---------------------|
| Solid Waste Cost of Service Information                |                 |                     |                     |
| Description  | New Services    | Solid Waste         | Total               |
| <b>Fixed Costs</b>                                     |                 |                     |                     |
| Utilities Customer Service                             |                 | \$375,049           | \$375,049           |
| Integrated Waste Admin - Fixed                         |                 | \$1,778,946         | \$1,778,946         |
| Customer Information System Replacement                |                 | \$15,108            | \$15,108            |
| Bioswale Drainage                                      |                 | \$2,637             | \$2,637             |
| Municipal Services Center Relocation                   |                 | \$949,743           | \$949,743           |
| Public Works Order Management Upgrade                  |                 | \$18,313            | \$18,313            |
| Municipal Services Project                             |                 | \$0                 | \$0                 |
| Transfer Out   |                 | \$91,442            | \$91,442            |
| Non-Rate Revenue                                       |                 |                     |                     |
| Recycling  |                 | \$0                 | \$0                 |
| Dead Run Charges                                       |                 | \$0                 | \$0                 |
| Late Charges   |                 | -\$12,117           | -\$12,117           |
| Interest Income  |                 | -\$161,204          | -\$161,204          |
| Grant Revenue  |                 | -\$501,017          | -\$501,017          |
| Double Counted Extra Cart Depreciation                 |                 | -\$205,164          | -\$205,164          |
| Cart General Overhead                                  |                 | \$0                 | \$0                 |
| Bin General Overhead                                   |                 | \$1,515,576         | \$1,515,576         |
| RO General Overhead                                    |                 | \$0                 | \$0                 |
| Depreciation - Carts                                   |                 | \$0                 | \$0                 |
| Depreciation - Bins                                    |                 | \$0                 | \$0                 |
| Depreciation - Rolloff                                 |                 | \$0                 | \$0                 |
| Street Sweeping  |                 | \$403,098           | \$403,098           |
| <b>Variable Costs</b>                                  |                 |                     |                     |
| New Program Variable Costs                             |                 | \$0                 | \$0                 |
| Frequency Surcharge (Comm)                             |                 | -\$411,541          | -\$411,541          |
| [Insert Category]                                      |                 | \$0                 | \$0                 |
| Integrated Waste Admin - Variable                      |                 | \$1,592,150         | \$1,592,150         |
| Cart Direct Variable Costs                             |                 | \$0                 | \$0                 |
| Bin Direct Variable Costs                              |                 | \$5,000,106         | \$5,000,106         |
| RO Direct Variable Costs                               |                 | \$0                 | \$0                 |
| HHW available to Residential only and Sharps Container |                 | \$0                 | \$0                 |
| Integrated Waste Admin - Variable (bulky only)         | \$0             | \$0                 | \$0                 |
| Cart Direct Variable Costs (bulky only)                |                 | \$0                 | \$0                 |
| <b>Disposal/Processing Costs</b>                       |                 |                     |                     |
| New Program Disposal Costs                             |                 | \$0                 | \$0                 |
| SW Processing - Carts                                  |                 | \$0                 | \$0                 |
| SW Processing - Bins                                   |                 | \$5,096,319         | \$5,096,319         |
| SW Processing - RO                                     |                 | \$0                 | \$0                 |
| Recycling Processing - Carts                           |                 | \$0                 | \$0                 |
| Recycling Processing - Bins                            |                 | \$0                 | \$0                 |
| YW/ ORG Processing - Carts                             |                 | \$0                 | \$0                 |
| YW/ ORG Processing - Bins                              |                 | \$0                 | \$0                 |
| YW/ ORG Processing - RO                                |                 | \$0                 | \$0                 |
| Food Waste Processing                                  |                 | \$0                 | \$0                 |
| Construction & Demolition Processing                   |                 | \$0                 | \$0                 |
| <b>Total Solid Waste Operational Requirements</b>      | <b>\$0</b>      | <b>\$15,547,442</b> | <b>\$15,547,442</b> |
| <b>Transfer/Processing/Disposal Costs</b>              |                 |                     | <b>\$5,096,319</b>  |
| <b>Solid Waste Fixed Costs</b>                         |                 |                     | <b>\$4,270,408</b>  |
| <b>Solid Waste Variable Costs</b>                      |                 |                     | <b>\$6,180,715</b>  |
| <b>Total Solid Waste Operational Requirements</b>      |                 |                     | <b>\$15,547,442</b> |
|  | Fig Check s/b 0 |                     | \$0                 |

# ATTACHMENT N - SOLID WASTE BIN COS RATE CALCULATION

| Total Expenses     |  |          |       |       | Variable Route                 |                          | Disposal Costs  |                                |
|--------------------|--|----------|-------|-------|--------------------------------|--------------------------|-----------------|--------------------------------|
|                    |  |          |       |       | Costs                          | Fixed Costs              |                 |                                |
|                    |  |          |       |       | \$6,180,715                    | \$4,270,408              | \$5,096,319     |                                |
| Total Units        |  |          |       |       | 29,591                         | 3,200                    | 91,800,516      |                                |
|                    |  |          |       |       | \$208.87                       | \$1,334.50               | \$0.06          |                                |
| Monthly Unit Costs |  |          |       |       | \$17.41                        | \$111.21                 | \$0.06          |                                |
|                    |  |          |       |       | per ECU                        | per container            | per gallon      |                                |
| Container size     |  | Accounts | Lifts | ECF   | Variable<br>Variable unit cost | Fixed<br>Fixed unit cost | Total Vol (gal) | Disposal<br>Disposal unit cost |
| 1.5 CY             |  | 488      | 549   | 1.00  | \$17.41                        | \$111.21                 | 166,347         | \$16.82                        |
| 2 CY               |  | 0        | 0     | 1.33  | \$23.16                        | \$111.21                 | 0               | \$22.43                        |
| 3 CY               |  | 650      | 1,406 | 2.32  | \$40.39                        | \$111.21                 | 852,036         | \$33.64                        |
| 4 CY               |  | 1,931    | 7,503 | 3.07  | \$53.37                        | \$111.21                 | 6,062,424       | \$44.86                        |
| 6 CY               |  | 121      | 387   | 5.87  | \$102.13                       | \$111.21                 | 469,044         | \$67.28                        |
| 2 CY Comp          |  | 5        | 76    | 3.07  | \$53.37                        | \$111.21                 | 61,408          | \$44.86                        |
| 3 CY Comp          |  | 0        | 0     | 5.87  | \$102.13                       | \$111.21                 | 0               | \$67.28                        |
| 4 CY Comp          |  | 4        | 6     | 8.56  | \$149.06                       | \$111.21                 | 9,696           | \$89.71                        |
| 6 CY Comp          |  | 1        | 12    | 18.36 | \$319.66                       | \$111.21                 | 29,088          | \$134.57                       |
| Total              |  | 3,200    | 9,939 |       |                                |                          | 7,650,043       |                                |

| Solid Waste    |              |                  |               |                  |               |
|----------------|--------------|------------------|---------------|------------------|---------------|
| Container size | Monthly Rate | Variable Revenue | Fixed Revenue | Disposal Revenue | Total Revenue |
| 1.5 CY         | \$145.44     | \$114,671        | \$651,237     | \$110,817        | \$876,726     |
| 2 CY           | \$156.79     | \$0              | \$0           | \$0              | \$0           |
| 3 CY           | \$185.24     | \$681,390        | \$867,427     | \$567,611        | \$2,116,427   |
| 4 CY           | \$209.43     | \$4,804,950      | \$2,576,924   | \$4,038,676      | \$11,420,550  |
| 6 CY           | \$280.62     | \$474,270        | \$161,475     | \$312,469        | \$948,214     |
| 2 CY Comp      | \$209.43     | \$48,671         | \$6,673       | \$40,909         | \$96,252      |
| 3 CY Comp      | \$280.62     | \$0              | \$0           | \$0              | \$0           |
| 4 CY Comp      | \$349.98     | \$10,732         | \$5,338       | \$6,459          | \$22,530      |
| 6 CY Comp      | \$565.44     | \$46,031         | \$1,335       | \$19,378         | \$66,743      |
|                |              | \$6,180,715      | \$4,270,408   | \$5,096,319      | \$15,547,442  |
| check          |              | \$6,180,715      | \$4,270,408   | \$5,096,319      | \$15,547,442  |
|                |              | \$0              | \$0           | \$0              | \$0           |

| Commercial Solid Waste |              |                      |                           |                      |
|------------------------|--------------|----------------------|---------------------------|----------------------|
| Container size         | Monthly Rate | Additional Frequency | Additional Container Rate | Additional Frequency |
| 1.5 CY                 | \$145.44     | \$41.61              | \$39.90                   | \$41.61              |
| 2 CY                   | \$156.79     | \$52.97              | \$52.04                   | \$52.97              |
| 3 CY                   | \$185.24     | \$81.41              | \$81.26                   | \$81.41              |
| 4 CY                   | \$209.43     | \$105.60             | \$106.51                  | \$105.60             |
| 6 CY                   | \$280.62     | \$176.79             | \$179.31                  | \$176.79             |
| 2 CY Comp              | \$209.43     | \$105.60             | \$104.68                  | \$105.60             |
| 3 CY Comp              | \$280.62     | \$176.79             | \$176.64                  | \$176.79             |
| 4 CY Comp              | \$349.98     | \$246.15             | \$247.06                  | \$246.15             |
| 6 CY Comp              | \$565.44     | \$461.61             | \$464.13                  | \$461.61             |





# ATTACHMENT O

## Recycling Bin COS Rate Calculation



# ATTACHMENT O - RECYCLING BIN COS RATE CALCULATION

| RECYCLING - Commercial Bins                            |              |                    |                    |
|--|--------------|--------------------|--------------------|
| Recycling Cost of Service Information                  |              |                    |                    |
| Description  | New Services | Recycling          | Total              |
| <b>Fixed Costs</b>                                     |              |                    |                    |
| Utilities Customer Service                             |              | \$287,733          | \$287,733          |
| Integrated Waste Admin - Fixed                         |              | \$1,364,785        | \$1,364,785        |
| Customer Information System Replacement                |              | \$11,591           | \$11,591           |
| Bioswale Drainage                                      |              | \$2,023            | \$2,023            |
| Municipal Services Center Relocation                   |              | \$728,631          | \$728,631          |
| Public Works Order Management Upgrade                  |              | \$14,049           | \$14,049           |
| Municipal Services Project                             |              | \$0                | \$0                |
| Transfer Out   |              | \$35,861           | \$35,861           |
| <b>Non-Rate Revenue</b>                                |              |                    |                    |
| Recycling  |              | -\$67,368          | -\$67,368          |
| Dead Run Charges                                       |              | \$0                | \$0                |
| Late Charges   |              | -\$9,296           | -\$9,296           |
| Interest Income  |              | -\$48,801          | -\$48,801          |
| Grant Revenue  |              | -\$151,673         | -\$151,673         |
| Double Counted Extra Cart Depreciation                 |              | -\$49,132          | -\$49,132          |
| Cart General Overhead                                  |              | \$0                | \$0                |
| Bin General Overhead                                   |              | \$594,362          | \$594,362          |
| RO General Overhead                                    |              | \$0                | \$0                |
| Depreciation - Carts                                   |              | \$0                | \$0                |
| Depreciation - Bins                                    |              | \$0                | \$0                |
| Depreciation - Rolloff                                 |              | \$0                | \$0                |
| Street Sweeping  |              | \$46,600           | \$46,600           |
| <b>Variable Costs</b>                                  |              |                    |                    |
| New Program Variable Costs                             |              | \$0                | \$0                |
| Frequency Surcharge (Comm)                             |              | -\$100,095         | -\$100,095         |
| [Insert Category]                                      |              | \$0                | \$0                |
| Integrated Waste Admin - Variable                      |              | \$1,221,478        | \$1,221,478        |
| Cart Direct Variable Costs                             |              | \$0                | \$0                |
| Bin Direct Variable Costs                              |              | \$1,960,886        | \$1,960,886        |
| RO Direct Variable Costs                               | \$0          | \$0                | \$0                |
| HHW available to Residential only and Sharps Container |              | \$0                | \$0                |
| Integrated Waste Admin - Variable (bulky only)         |              | \$0                | \$0                |
| Cart Direct Variable Costs (bulky only)                |              | \$0                | \$0                |
| <b>Disposal/Processing Costs</b>                       |              |                    |                    |
| New Program Disposal Costs                             |              | \$0                | \$0                |
| SW Processing - Carts                                  |              | \$0                | \$0                |
| SW Processing - Bins                                   |              | \$0                | \$0                |
| SW Processing - RO                                     |              | \$0                | \$0                |
| Recycling Processing - Carts                           |              | \$0                | \$0                |
| Recycling Processing - Bins                            |              | \$431,175          | \$431,175          |
| YW/ ORG Processing - Carts                             |              | \$0                | \$0                |
| YW/ ORG Processing - Bins                              |              | \$0                | \$0                |
| YW/ ORG Processing - RO                                |              | \$0                | \$0                |
| Food Waste Processing                                  |              | \$0                | \$0                |
| Construction & Demolition Processing                   |              | \$0                | \$0                |
| <b>Total Solid Waste Operational Requirements</b>      | <b>\$0</b>   | <b>\$6,272,807</b> | <b>\$6,272,807</b> |
| <b>Transfer/Processing/Disposal Costs</b>              |              |                    | <b>\$431,175</b>   |
| <b>Recycling Fixed Costs</b>                           |              |                    | <b>\$2,759,363</b> |
| <b>Recycling Variable Costs</b>                        |              |                    | <b>\$3,082,269</b> |
| <b>Total Solid Waste Operational Requirements</b>      |              |                    | <b>\$6,272,807</b> |
| <b>Fig Check s/b 0</b>                                 |              |                    | <b>\$0</b>         |



# ATTACHMENT O - RECYCLING BIN COS RATE CALCULATION

| Total Expenses     |          |       |       | Variable Route                 |                          | Disposal Costs  |                                |
|--------------------|----------|-------|-------|--------------------------------|--------------------------|-----------------|--------------------------------|
|                    |          |       |       | Costs                          | Fixed Costs              |                 |                                |
|                    |          |       |       | \$3,082,269                    | \$2,759,363              | \$431,175       |                                |
| Total Units        |          |       |       | 9,814                          | 2,455                    | 30,726,624      |                                |
|                    |          |       |       | \$314.08                       | \$1,123.98               | \$0.01          |                                |
| Monthly Unit Costs |          |       |       | \$26.17                        | \$93.66                  | \$0.01          |                                |
|                    |          |       |       | per ECU                        | per container            | per gallon      |                                |
| Container size     | Accounts | Lifts | ECF   | Variable<br>Variable unit cost | Fixed<br>Fixed unit cost | Total Vol (gal) | Disposal<br>Disposal unit cost |
| 1.5 CY             | 1,246    | 1,408 | 1.00  | \$26.17                        | \$93.66                  | 426,624         | \$4.25                         |
| 2 CY               | 13       | 13    | 1.33  | \$34.88                        | \$93.66                  | 5,252           | \$5.67                         |
| 3 CY               | 273      | 526   | 2.36  | \$61.86                        | \$93.66                  | 318,756         | \$8.50                         |
| 4 CY               | 863      | 2,042 | 3.14  | \$82.29                        | \$93.66                  | 1,649,936       | \$11.34                        |
| 6 CY               | 59       | 128   | 5.45  | \$142.56                       | \$93.66                  | 155,136         | \$17.01                        |
| 2 CY Comp          | 0        | 0     | 3.14  | \$82.29                        | \$93.66                  | 0               | \$11.34                        |
| 3 CY Comp          | 0        | 0     | 5.45  | \$142.56                       | \$93.66                  | 0               | \$17.01                        |
| 4 CY Comp          | 0        | 0     | 7.25  | \$189.65                       | \$93.66                  | 0               | \$22.68                        |
| 6 CY Comp          | 1        | 2     | 13.87 | \$362.93                       | \$93.66                  | 4,848           | \$34.02                        |
| Total              |          | 2,455 | 4,119 | 2,560,552                      |                          |                 |                                |

| Recycling      |              |                  |               |                  |               |
|----------------|--------------|------------------|---------------|------------------|---------------|
| Container size | Monthly Rate | Variable Revenue | Fixed Revenue | Disposal Revenue | Total Revenue |
| 1.5 CY         | \$124.09     | \$442,228        | \$1,400,475   | \$71,840         | \$1,914,543   |
| 2 CY           | \$134.21     | \$5,441          | \$14,612      | \$884            | \$20,937      |
| 3 CY           | \$164.03     | \$390,441        | \$306,846     | \$53,676         | \$750,963     |
| 4 CY           | \$187.29     | \$2,016,479      | \$969,992     | \$277,835        | \$3,264,306   |
| 6 CY           | \$253.23     | \$218,969        | \$66,315      | \$26,124         | \$311,407     |
| 2 CY Comp      | \$187.29     | \$0              | \$0           | \$0              | \$0           |
| 3 CY Comp      | \$253.23     | \$0              | \$0           | \$0              | \$0           |
| 4 CY Comp      | \$305.99     | \$0              | \$0           | \$0              | \$0           |
| 6 CY Comp      | \$490.61     | \$8,710          | \$1,124       | \$816            | \$10,651      |
|                |              | \$3,082,269      | \$2,759,363   | \$431,175        | \$6,272,807   |
| check          |              | \$3,082,269      | \$2,759,363   | \$431,175        | \$6,272,807   |
|                |              | \$0              | \$0           | \$0              | \$0           |

| Commercial Recycling |              | Additional | Additional     | Additional |
|----------------------|--------------|------------|----------------|------------|
| Container size       | Monthly Rate | Frequency  | Container Rate | Frequency  |
| 1.5 CY               | \$124.09     | \$37.81    | \$36.10        | \$37.81    |
| 2 CY                 | \$134.21     | \$47.93    | \$47.00        | \$47.93    |
| 3 CY                 | \$164.03     | \$77.74    | \$77.59        | \$77.74    |
| 4 CY                 | \$187.29     | \$101.01   | \$101.92       | \$101.01   |
| 6 CY                 | \$253.23     | \$166.95   | \$169.47       | \$166.95   |
| 2 CY Comp            | \$187.29     | \$101.01   | \$100.08       | \$101.01   |
| 3 CY Comp            | \$253.23     | \$166.95   | \$166.80       | \$166.95   |
| 4 CY Comp            | \$305.99     | \$219.71   | \$220.62       | \$219.71   |
| 6 CY Comp            | \$490.61     | \$404.33   | \$406.84       | \$404.33   |



# ATTACHMENT P

## Organics Bin COS Rate Calculation



# ATTACHMENT P - ORGANICS BIN COS RATE CALCULATION

| ORGANICS - Commercial Bins                             |              |                    |                    |
|--|--------------|--------------------|--------------------|
| Organics Cost of Service Information                   |              |                    |                    |
| Description  | New Services | Organics           | Total              |
| <b>Fixed Costs</b>                                     |              |                    |                    |
| Utilities Customer Service                             |              | \$35,278           | \$35,278           |
| Integrated Waste Admin - Fixed                         |              | \$167,332          | \$167,332          |
| Customer Information System Replacement                |              | \$1,421            | \$1,421            |
| Bioswale Drainage                                      |              | \$248              | \$248              |
| Munic Services and Supplies                            |              | \$89,335           | \$89,335           |
| Public Works Order Management Upgrade                  |              | \$1,723            | \$1,723            |
| Municipal Services Project                             |              | \$0                | \$0                |
| Transfer Out   |              | \$7,166            | \$7,166            |
| <b>Non-Rate Revenue</b>                                |              |                    |                    |
| Recycling  |              | \$0                | \$0                |
| Dead Run Charges                                       |              | \$0                | \$0                |
| Late Charges   |              | -\$1,140           | -\$1,140           |
| Interest Income  |              | -\$8,775           | -\$8,775           |
| Grant Revenue  |              | -\$27,272          | -\$27,272          |
| Double Counted Extra Cart Depreciation                 |              | -\$5,159           | -\$5,159           |
| Cart General Overhead                                  |              | \$0                | \$0                |
| Bin General Overhead                                   |              | \$118,763          | \$118,763          |
| RO General Overhead                                    |              | \$0                | \$0                |
| Depreciation - Carts                                   |              | \$0                | \$0                |
| Depreciation - Bins                                    |              | \$0                | \$0                |
| Depreciation - Rolloff                                 |              | \$0                | \$0                |
| Street Sweeping  |              | \$6,865            | \$6,865            |
| <b>Variable Costs</b>                                  |              |                    |                    |
| New Program Variable Costs                             |              | \$0                | \$0                |
| Frequency Surcharge (Comml)                            |              | -\$8,592           | -\$8,592           |
| [Insert Category]                                      |              | \$0                | \$0                |
| Integrated Waste Admin - Variable                      |              | \$149,762          | \$149,762          |
| Cart Direct Variable Costs                             |              | \$0                | \$0                |
| Bin Direct Variable Costs                              |              | \$391,816          | \$391,816          |
| RO Direct Variable Costs                               |              | \$0                | \$0                |
| HHW available to Residential only and Sharps Container |              | \$0                | \$0                |
| Integrated Waste Admin - Variable (bulky only)         |              | \$0                | \$0                |
| Cart Direct Variable Costs (bulky only)                |              | \$0                | \$0                |
| <b>Disposal/Processing Costs</b>                       |              |                    |                    |
| New Program Disposal Costs                             |              | \$0                | \$0                |
| SW Processing - Carts                                  |              | \$0                | \$0                |
| SW Processing - Bins                                   |              | \$0                | \$0                |
| SW Processing - RO                                     |              | \$0                | \$0                |
| Recycling Processing - Carts                           |              | \$0                | \$0                |
| Recycling Processing - Bins                            |              | \$0                | \$0                |
| YW/ ORG Processing - Carts                             |              | \$0                | \$0                |
| YW/ ORG Processing - Bins                              |              | \$88,705           | \$88,705           |
| YW/ ORG Processing - RO                                |              | \$0                | \$0                |
| Food Waste Processing                                  |              | \$91,209           | \$91,209           |
| Construction & Demolition Processing                   |              | \$0                | \$0                |
| <b>Total Organics Operational Requirements</b>         | <b>\$0</b>   | <b>\$1,098,684</b> | <b>\$1,098,684</b> |
| <b>Transfer/Processing/Disposal Costs YW</b>           |              |                    | <b>\$88,705</b>    |
| <b>Transfer/Processing/Disposal Costs FW</b>           |              |                    | <b>\$91,209</b>    |
| <b>Organics Fixed Costs</b>                            |              |                    | <b>\$385,785</b>   |
| <b>Organics Variable Costs</b>                         |              |                    | <b>\$532,986</b>   |
| <b>Total Organics Operational Requirements</b>         |              |                    | <b>\$1,098,684</b> |
|  |              |                    | <b>\$0</b>         |

Fig Check s/b 0

# ATTACHMENT P - ORGANICS BIN COS RATE CALCULATION

| Total Expenses     |  |          |                  | Variable Route Costs |      | Fixed Costs                 | Disposal Costs YW     |                            | Disposal Costs FW          |                                |                                |  |
|--------------------|--|----------|------------------|----------------------|------|-----------------------------|-----------------------|----------------------------|----------------------------|--------------------------------|--------------------------------|--|
|                    |  |          |                  | \$532,986            |      | \$385,785                   |                       | \$88,705                   |                            | \$91,209                       |                                |  |
| Total Units        |  |          |                  | 1,248                |      | 301                         |                       | 2,436,120                  |                            | 799,920                        |                                |  |
|                    |  |          |                  | \$426.94             |      | \$1,281.68                  |                       | \$0.04                     |                            | \$0.11                         |                                |  |
| Monthly Unit Costs |  |          |                  | \$35.58              |      | \$106.81                    |                       | \$0.04                     |                            | \$0.11                         |                                |  |
|                    |  |          |                  | per ECU              |      | per lift                    |                       | per gallon                 |                            | per gallon                     |                                |  |
| Container size     |  | Accounts | Yard Waste Lifts | Food Waste Lifts     | ECF  | Variable Variable unit cost | Fixed Fixed unit cost | Yard Waste Total Vol (gal) | Food Waste Total Vol (gal) | Disposal YW Disposal unit cost | Disposal FW Disposal unit cost |  |
| 1.5 CY             |  | 150      | 78               | 98                   | 1.00 | \$35.58                     | \$106.81              | 23,634                     | 29,694                     | \$11.03                        | \$34.55                        |  |
| 2 CY               |  | 12       | 4                | 12                   | 2.00 | \$71.16                     | \$106.81              | 1,616                      | 4,848                      | \$14.71                        | \$46.06                        |  |
| 3 CY               |  | 58       | 42               | 53                   | 3.00 | \$106.73                    | \$106.81              | 25,452                     | 32,118                     | \$22.07                        | \$69.10                        |  |
| 4 CY               |  | 66       | 130              | 0                    | 4.01 | \$142.69                    | \$106.81              | 105,040                    | 0                          | \$29.42                        | \$92.13                        |  |
| 6 CY               |  | 15       | 39               | 0                    | 6.00 | \$213.47                    | \$106.81              | 47,268                     | 0                          | \$44.13                        | \$138.19                       |  |
| 1.5 CY Comp        |  | 0        | 0                | 0                    | 3.00 | \$106.73                    | \$106.81              | 0                          | 0                          | \$22.07                        | \$69.10                        |  |
| 2 CY Comp          |  | 0        | 0                | 0                    | 4.01 | \$142.69                    | \$106.81              | 0                          | 0                          | \$29.42                        | \$92.13                        |  |
| 3 CY Comp          |  | 0        | 0                | 0                    | 6.00 | \$213.47                    | \$106.81              | 0                          | 0                          | \$44.13                        | \$138.19                       |  |
| Total              |  | 301      | 293              | 163                  |      |                             |                       |                            | 203,010                    | 66,660                         |                                |  |

| Container size |  | YW Monthly Rate | FW Monthly Rate | Variable Revenue | Fixed Revenue | YW Disposal Revenue | FW Disposal Revenue |             |  |  |  | Total Revenue |
|----------------|--|-----------------|-----------------|------------------|---------------|---------------------|---------------------|-------------|--|--|--|---------------|
| 1.5 CY         |  | \$153.42        | \$176.93        | \$75,141         | \$192,251     | \$10,327            | \$40,629            |             |  |  |  | \$318,349     |
| 2 CY           |  | \$192.67        | \$224.03        | \$13,662         | \$15,380      | \$706               | \$6,633             |             |  |  |  | \$36,382      |
| 3 CY           |  | \$235.61        | \$282.64        | \$121,677        | \$74,337      | \$11,121            | \$43,946            |             |  |  |  | \$251,082     |
| 4 CY           |  | \$278.92        | \$341.63        | \$222,601        | \$84,591      | \$45,897            | \$0                 |             |  |  |  | \$353,089     |
| 6 CY           |  | \$364.41        | \$458.47        | \$99,904         | \$19,225      | \$20,654            | \$0                 |             |  |  |  | \$139,782     |
| 1.5 CY Comp    |  | \$235.61        | \$282.64        | \$0              | \$0           | \$0                 | \$0                 |             |  |  |  | \$0           |
| 2 CY Comp      |  | \$278.92        | \$341.63        | \$0              | \$0           | \$0                 | \$0                 |             |  |  |  | \$0           |
| 3 CY Comp      |  | \$364.41        | \$458.47        | \$0              | \$0           | \$0                 | \$0                 |             |  |  |  | \$0           |
|                |  |                 |                 | \$532,986        | \$385,785     | \$88,705            | \$91,209            | \$1,098,684 |  |  |  |               |
| check          |  |                 |                 | \$532,986        | \$385,785     | \$88,705            | \$91,209            | \$1,098,684 |  |  |  |               |
|                |  |                 |                 | \$0              | \$0           | \$0                 | \$0                 | \$0         |  |  |  |               |

| Commercial Organics Container size |  | Yard Waste Monthly Rate | Food Waste Monthly Rate | YW Additional Container Rate | FW Additional Container Rate | YW Additional Frequency | FW Additional Frequency |
|------------------------------------|--|-------------------------|-------------------------|------------------------------|------------------------------|-------------------------|-------------------------|
| 1.5 CY                             |  | \$153.42                | \$176.93                | \$52.29                      | \$75.80                      | \$53.99                 | \$77.51                 |
| 2 CY                               |  | \$192.67                | \$224.03                | \$92.32                      | \$123.68                     | \$93.25                 | \$124.60                |
| 3 CY                               |  | \$235.61                | \$282.64                | \$136.03                     | \$183.07                     | \$136.18                | \$183.21                |
| 4 CY                               |  | \$278.92                | \$341.63                | \$180.41                     | \$243.11                     | \$179.50                | \$242.20                |
| 6 CY                               |  | \$364.41                | \$458.47                | \$267.50                     | \$361.56                     | \$264.98                | \$359.05                |
| 1.5 CY Comp                        |  | \$235.61                | \$282.64                | \$134.48                     | \$181.51                     | \$136.18                | \$183.21                |
| 2 CY Comp                          |  | \$278.92                | \$341.63                | \$178.57                     | \$241.28                     | \$179.50                | \$242.20                |
| 3 CY Comp                          |  | \$364.41                | \$458.47                | \$264.83                     | \$358.90                     | \$264.98                | \$359.05                |



# ATTACHMENT Q

**Roll Off COS Rate Calculation**





# ATTACHMENT Q - ROLL OFF COS RATE CALCULATION

| Rolloff  |              |                     |       |                     |
|--|--------------|---------------------|-------|---------------------|
| Cost of Service Information - 2024                     |              |                     |       |                     |
| Description  | New Services | Rolloff             | Other | Total               |
| <b>Fixed Costs</b>                                     |              |                     |       |                     |
| Utilities Customer Service                             |              | \$698,059           |       | \$698,059           |
| Integrated Waste Admin - Fixed                         |              | \$3,042,848         |       | \$3,042,848         |
| Customer Information System Replacement                |              | \$25,842            |       | \$25,842            |
| Bioswale Drainage                                      |              | \$4,511             |       | \$4,511             |
| Municipal Services Center Relocation                   |              | \$1,624,515         |       | \$1,624,515         |
| Public Works Order Management Upgrade                  |              | \$31,324            |       | \$31,324            |
| Municipal Services Project                             |              | \$0                 |       | \$0                 |
| Transfer Out   |              | \$80,717            |       | \$80,717            |
| <b>Non-Rate Revenue</b>                                |              |                     |       |                     |
| Recycling  |              | \$0                 |       | \$0                 |
| Dead Run Charges                                       |              | -\$1,253,160        |       | -\$1,253,160        |
| Late Charges   |              | \$0                 |       | \$0                 |
| Interest Income  |              | -\$108,269          |       | -\$108,269          |
| Grant Revenue  |              | -\$336,497          |       | -\$336,497          |
| Double Counted Extra Cart Depreciation                 |              | \$0                 |       | \$0                 |
| Cart General Overhead                                  |              | \$0                 |       | \$0                 |
| Bin General Overhead                                   |              | \$0                 |       | \$0                 |
| RO General Overhead                                    |              | \$605,561           |       | \$605,561           |
| Depreciation - Carts                                   |              | \$0                 |       | \$0                 |
| Depreciation - Bins                                    |              | \$0                 |       | \$0                 |
| Depreciation - Rolloff                                 |              | \$0                 |       | \$0                 |
| Street Sweeping  |              | \$405,122           |       | \$405,122           |
| <b>Variable Costs</b>                                  |              |                     |       |                     |
| New Program Variable Costs                             |              | \$0                 |       | \$0                 |
| Frequency Surcharge (Comml)                            |              | \$0                 |       | \$0                 |
| [Insert Category]                                      |              | \$0                 |       | \$0                 |
| Integrated Waste Admin - Variable                      |              | \$2,723,338         |       | \$2,723,338         |
| Cart Direct Variable Costs                             |              | \$0                 |       | \$0                 |
| Bin Direct Variable Costs                              |              | \$0                 |       | \$0                 |
| RO Direct Variable Costs                               |              | \$3,489,690         |       | \$3,489,690         |
| HHW available to Residential only and Sharps Container |              | \$0                 |       | \$0                 |
| Integrated Waste Admin - Variable (bulky only)         |              | \$0                 |       | \$0                 |
| Cart Direct Variable Costs (bulky only)                |              | \$0                 |       | \$0                 |
| <b>Disposal/Processing Costs</b>                       |              |                     |       |                     |
| New Program Disposal Costs                             |              | \$0                 |       | \$0                 |
| SW Processing - Carts                                  |              | \$0                 |       | \$0                 |
| SW Processing - Bins                                   |              | \$0                 |       | \$0                 |
| SW Processing - RO                                     |              | \$4,321,182         |       | \$4,321,182         |
| Recycling Processing - Carts                           |              | \$0                 |       | \$0                 |
| Recycling Processing - Bins                            |              | \$0                 |       | \$0                 |
| Recycling Processing - RO                              |              | \$218,198           |       | \$218,198           |
| YW/ ORG Processing - Carts                             |              | \$0                 |       | \$0                 |
| YW/ ORG Processing - Bins                              |              | \$0                 |       | \$0                 |
| YW/ ORG Processing - RO                                |              | \$105,893           |       | \$105,893           |
| Food Waste Processing                                  |              | \$0                 |       | \$0                 |
| Construction & Demolition Processing                   |              | \$1,264,085         |       | \$1,264,085         |
| <b>Total Solid Waste Operational Requirements</b>      | <b>\$0</b>   | <b>\$16,942,959</b> |       | <b>\$16,942,959</b> |
| <b>Transfer/Processing/Disposal Costs</b>              |              |                     |       | <b>\$5,909,358</b>  |
| <b>Solid Waste Fixed Costs</b>                         |              |                     |       | <b>\$4,820,572</b>  |
| <b>Solid Waste Variable Costs</b>                      |              |                     |       | <b>\$6,213,029</b>  |
| <b>Total Solid Waste Operational Requirements</b>      |              |                     |       | <b>\$16,942,959</b> |
|  |              |                     |       | <b>\$0</b>          |

Fig Check s/b 0



# ATTACHMENT Q - ROLL OFF COS RATE CALCULATION

| Total Expenses     |              |                  | Variable Route     |                 |
|--------------------|--------------|------------------|--------------------|-----------------|
|                    |              |                  | Costs              | Fixed Costs     |
|                    |              |                  | \$6,213,029        | \$ 4,820,572    |
| Total Units        |              |                  | 30,458             | 28,695          |
|                    |              |                  | \$203.99           | \$167.99        |
|                    |              |                  | per ECU            | per lift        |
| Container type     | Lifts        | ECF              | Variable unit cost | Fixed unit cost |
| <b>Solid Waste</b> |              |                  |                    |                 |
| Loose              | 13,118       | 1.00             | \$203.99           | \$167.99        |
| Comp               | 6,806        | 1.25             | \$254.99           | \$167.99        |
| <b>Recycling</b>   |              |                  |                    |                 |
| Loose              | 3,481        | 1.00             | \$203.99           | \$167.99        |
| Comp               | 244          | 1.25             | \$254.99           | \$167.99        |
| <b>Green Waste</b> |              |                  |                    |                 |
| Loose              | 1,940        | 1.00             | \$203.99           | \$167.99        |
| Comp               | 0            | 1.25             | \$254.99           | \$167.99        |
| <b>C&amp;D</b>     |              |                  |                    |                 |
| Loose              | 3,106        | 1.00             | \$203.99           | \$167.99        |
| Comp               | 0            | 1.25             | \$254.99           | \$167.99        |
| <b>Total</b>       |              | 28,695           |                    |                 |
| Container size     | Monthly Rate | Variable Revenue | Fixed Revenue      | Total Revenue   |
| <b>Solid Waste</b> |              |                  |                    |                 |
| Loose              | \$371.98     | \$2,675,942      | \$2,203,738        | \$4,879,680     |
| Comp               | \$422.98     | \$1,735,446      | \$1,143,363        | \$2,878,809     |
| <b>Recycling</b>   |              |                  |                    |                 |
| Loose              | \$371.98     | \$710,090        | \$584,785          | \$1,294,875     |
| Comp               | \$422.98     | \$62,217         | \$40,990           | \$103,207       |
| <b>Green Waste</b> |              |                  |                    |                 |
| Loose              | \$371.98     | \$395,741        | \$325,907          | \$721,648       |
| Comp               | \$422.98     | \$0              | \$0                | \$0             |
| <b>C&amp;D</b>     |              |                  |                    |                 |
| Loose              | \$371.98     | \$633,593        | \$521,788          | \$1,155,381     |
| Comp               | \$422.98     | \$0              | \$0                | \$0             |
|                    |              | \$6,213,029      | \$4,820,572        | \$11,033,600    |
| check              |              | \$6,213,029      | \$ 4,820,572       |                 |
|                    |              | \$0              | \$0                |                 |