

**City of Manteca
Solid Waste Division
210 E Wetmore St.
Manteca, CA 95337**



March 6, 2023

Residential & Commercial Solid Waste Rate Study



*International Engineering Services, Inc.
1017 L Street Suite 296
Sacramento, CA 95814*

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March 6, 2023

Mr. Peni Basalusalu
Deputy Director, Solid Waste
City of Manteca Public Works Department
210 E Wetmore St.
Manteca, CA 95337

Re: Solid Waste Rate Study

Dear Mr. Basalusalu:

International Engineering Services, Inc. (IES) is pleased to submit this Residential and Commercial Rate Study report documenting proposed updates for the city's solid waste rates and fees. It has been a pleasure working with you and City Staff on this challenging and dynamic project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Larry T. Buckle", is written over the word "Sincerely,".

Larry T. Buckle, P.E.

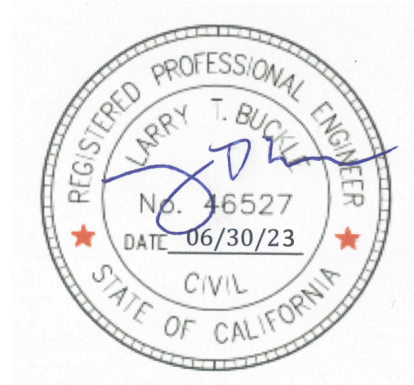




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ACRONYMS

AB	Assembly Bill
ARB	Air Resources Board
C&D	Construction and Demolition
CPI	Consumer Price Index
DGE	Diesel Gallon Equivalent
IES	International Engineering Services, Inc.
IMF	International Monetary Fund
LCFS	Low Carbon Fuel Standard
O&M	Operations and Maintenance
RNG	Renewable Natural Gas
RIN	Renewable Identification Number
SB	Senate Bill
SRRE	Source Reduction and Recycling Element
WQCF	Water Quality Control Facility



ACKNOWLEDGEMENTS

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1. EXECUTIVE SUMMARY

The City of Manteca provides solid waste services to all residences and businesses located within city limits. Per City Municipal Code Section 13.02.030, the city has exclusive right to provide solid waste services to all residences and businesses.

In 2016, the city conducted a study on solid waste rates, which established a schedule of annual rate increases until 2021. The study proved to be accurate in forecasting operational cost increases, growth, and revenue requirements. Going forward, the solid waste division aims to build reserves for operational and vehicle replacement expenses.

The State of California has long been considered a Global leader in solid waste policy and legislation. In 1989 the state enacted the California Integrated Solid Waste Management Act, otherwise known as Assembly Bill 939 (AB 939). This legislation establish regulations for landfill diversion primarily through development of recycling programs. With growing awareness of human induced climate change, in 2006 the state passed AB 32, the Global Warming Solutions Act. This legislation provided a catalyst for passage of the Short-Lived Climate Pollutants, Senate Bill 1383 (SB 1383) legislation of 2016. Even though SB 1383 was signed into law in 2016, the associated solid waste regulations were not finalized by the California Department of Resources Recycling and Recovery (CalRecycle), working through the California Air Resources Board (CARB) until November of 2020.

SB 1383 fundamentally changes how the organic portion of solid waste is collected, processed, and disposed. It will have a more profound effect on city solid waste services than the transformative AB 939 legislation. Unlike past legislation, SB 1383 has hard requirements, with schedules, and mandatory punitive fines if municipalities do not adhere.

Proposed solid waste rate and fee adjustments are intended to provide the Solid Waste Division with financial resources required to meet SB 1383 solid waste program requirements through the 5-year scope of this solid waste rate study.

1.1 STUDY PURPOSE AND OBJECTIVES

This solid waste rate study is intended to deliver needed revenue to provide required services mandated by SB 1383.





Key objectives of the study include:

- Calculate revenue required to meet Solid Waste Divisional needs, including operation & maintenance, capital improvement, and financial reserves.
- Estimate cost of service for residential and commercial classes.
- Plan resources required for new regulatory programs.
- Provide support for other city departments.
- Be cost competitive with surrounding communities.

Proposed rates comply with California Proposition 218, other laws, and industry standards.

1.2 METHODOLOGY

The Solid Waste Rate Study utilized the following steps:

- Calculation of the true cost of solid waste services currently being provided.
- Calculation of the true cost of new services to be provided to the community due to evolving laws and regulations.
- Develop and maintain adequate financial reserves.
- Equitably distribute financial obligations to those who will be utilizing services.

1.3 KEY RATE STUDY CONSIDERATIONS

City staff is taking a proactive approach to keeping rates low while meeting changing regulatory requirements. They are doing this by:

- Solid waste rates which are paid monthly will fund operations along with vehicle replacement. Capital purchases resulting from population growth will be funded by impact fees collected from new development.
- Collection equipment is being transitioned to utilize self-generated Renewable Natural Gas (RNG). The city has received millions of dollars in grant funding to develop this state-of-the-art system.
- The division is reducing the size of its vehicle fleet by capping reserve vehicles at 25%.
- Solid Waste is budgeting \$10,000,000 for development of an up-to-date Corporation Yard. The new Corporation Yard will provide modern/efficient infrastructure needed for cost competitive operations well into the future.





1.4 FINDINGS AND RECOMMENDATIONS

To comply with SB 1383 and maintain essential operations, the city must allocate funds towards both programs and infrastructure. The division also intends to build reserves for operational expenses and vehicle replacements. By the end of the five-year plan, the division aims to achieve a 25% Operational Reserve, equivalent to a 90-day supply. Moreover, they plan to accumulate \$9,886,230 to replace vehicles as they reach the end of their operational life.

Initially, the division planned to purchase approximately \$9,200,000 in replacement vehicles in 2023, this planned purchase has been reduced to approximately \$5,400,000 due to the division reducing its fleet size by only operating with a 25% Vehicle Reserve. Competitive rates cannot be maintained if rates provide funds to fully purchase required vehicles in the year of vehicle purchase. Therefore, in the next budget year replacement vehicles will be financed over the 7-year functional life of the vehicles. In following budget years cash will be used to purchase replacement vehicles. This will include an approximate \$3,866,179 in vehicle replacement funds to rollover into year 6 for required vehicle replacement purchases, which will occur a year after the term of this rate study.

The 35-gallon and 65-gallon Gray carts have been operationally difficult due to automated collection trucks not being able to grab and hold the carts. In the 2016 rate study the 35-gallon cart was scheduled to be phased out. With this rate study the 35-gallon, and 65-gallon Gray carts are removed from the rate structure and replaced with the 95-gallon cart. Going forward the city will only have the 95-gallon Gray cart.

Due to provisions of SB 1383, yard waste collection is transitioning to organic waste collection. The Organic cart will have a combination of yard waste and food waste (putrescible material). Due to putrescible material the Organic cart must be serviced weekly. The division could transition the Gray cart to every other week if putrescible materials were eliminated from the Gray cart. However, the division is concerned this will result in non-organic materials being placed in the organics and recycling carts, and that customers would prefer weekly Gray cart service. Baby diapers are putrescible but are not considered organic waste. If baby diapers are left in the Gray cart for two-weeks odors could be a concern. As such this study evaluates the cost of servicing all three residential carts weekly. If all three carts are serviced weekly the residential vehicle fleet and labor component will need to increase by 50%.

Figure 1.1 & 1.2 are summaries of projected annual revenue requirements by year and general line item. **Figure 1.3** is a partial list of proposed residential and commercial rates, showing total anticipated generated revenue, and annual surplus or deficit spending. **Figure 1.4** shows anticipated annual Operational Reserve balance, and Operational Reserve percentage for 2023 through 2027. **Figure 1.4** also shows funds made available for replacement vehicle purchases in 2028 (Vehicle Replacement Fund). Manteca has





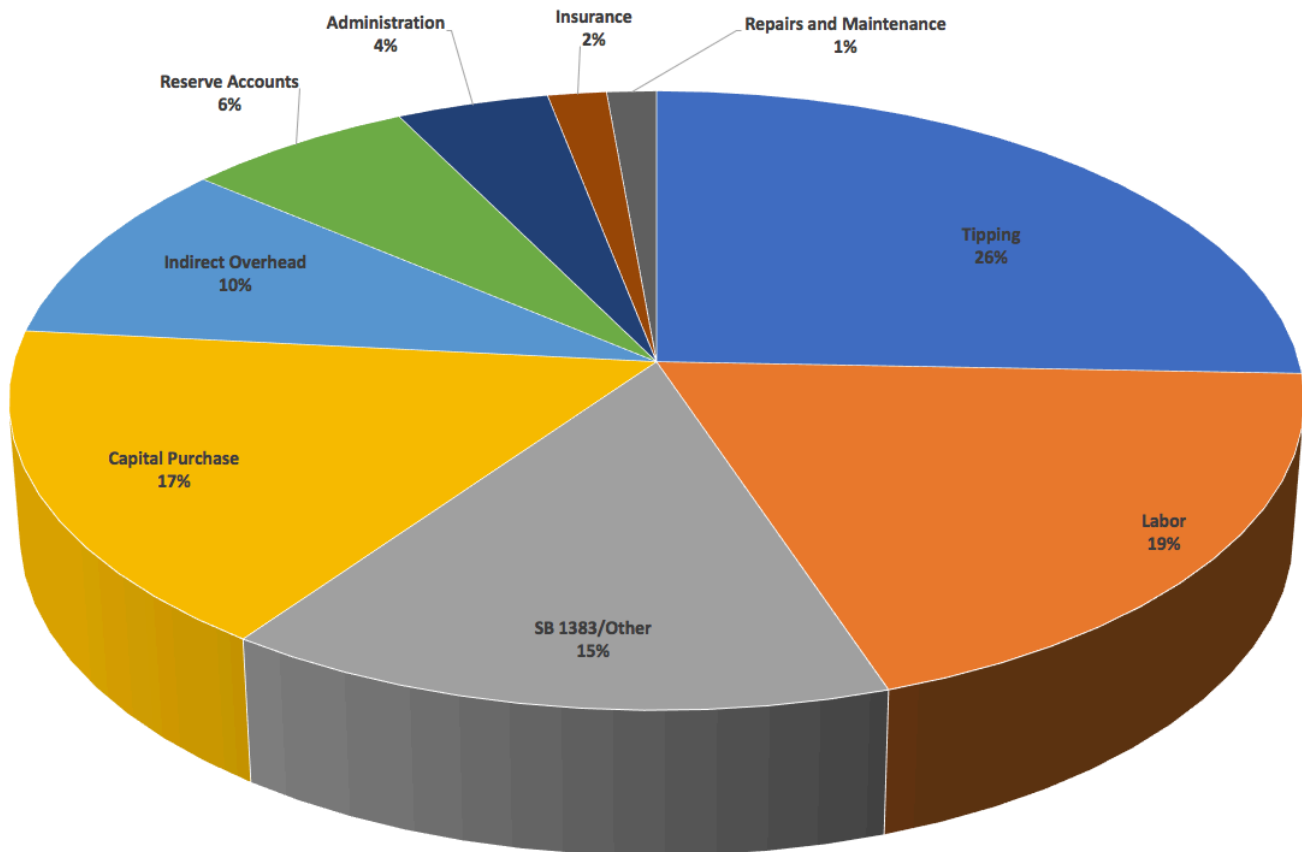
established a general city-wide policy of achieving a 25% (90-Day) Operational Reserve fund balance.

Figure 1.1 Revenue Requirements

Expense Line Item	Projected Revenue Requirements by Year					
	2022*	2023	2024	2025	2026	2027
Tipping	\$ 5,151,828	\$6,813,000	\$7,181,813	\$7,571,031	\$7,981,819	\$8,415,407
Labor	\$ 3,650,757	\$4,993,764	\$5,325,961	\$5,680,691	\$6,059,506	\$6,464,067
SB 1383/Other	\$ 1,455,067	\$3,887,080	\$4,731,110	\$6,240,289	\$5,582,367	\$7,736,050
Capital Purchase	\$ 4,000,953	\$3,789,085	\$4,381,335	\$5,619,137	\$4,668,730	\$6,507,189
Indirect Overhead	\$ 1,882,748	\$2,471,513	\$2,640,693	\$2,821,592	\$3,015,028	\$3,221,880
Operational Reserve Account	\$-0	\$-0	\$780,000	\$1,090,000	\$3,780,000	\$3,920,000
Solid Waste Administration	\$ 535,626	\$1,139,199	\$1,202,699	\$1,269,822	\$1,340,781	\$1,415,800
Insurance	\$-0	\$442,999	\$459,301	\$476,203	\$493,727	\$511,897
Maintenance	\$581,307	\$367,800.00	\$389,645.49	\$412,835.89	\$437,456.98	\$463,600.19
TOTAL	\$17,258,286	\$23,904,442	\$26,506,955	\$29,365,431	\$32,501,515	\$35,968,061

*Current budget

Figure 1.2 Proposed Revenue Requirement Distribution 2023 Through 2027





**Figure 1.3 Rates and Projected Revenue,
Recommended Option, Weekly 3 Cart Service**

Residential Rates	Proposed Residential and Commercial Rates					
	Current	2023	2024	2025	2026	2027
35-Gallon Can	\$30.67	No Longer Available				
65-Gallon Can	\$32.61	No Longer Available				
95-Gallon Can	\$34.33	\$47.41	\$50.92	\$54.68	\$58.72	\$63.07
Senior Low Income	\$19.72	\$23.71	\$25.46	\$27.34	\$29.36	\$31.53
Roll Off Box Pull	\$656.84	\$762.69	\$845.82	\$938.01	\$1,040.26	\$1,153.65
Residential Revenue		\$14,052,794	\$15,422,012	\$16,922,848	\$18,566,319	\$ 20,379,062
Commercial Revenue		\$9,848,944	\$11,078,665	\$12,467,201	\$14,029,733	\$ 15,793,356
TOTAL REVENUE		\$ 23,901,738	\$ 26,500,678	\$ 29,390,050	\$ 32,596,053	\$ 36,172,418
Reserve Fund Contribution			\$780,000	\$1,090,000	\$3,780,000	\$3,920,000
TOTAL EXPENSE		\$ 23,904,442	\$ 26,506,955	\$ 29,365,431	\$ 32,501,514	\$ 35,968,061
TOTAL Excess / (Deficit)		\$ (2,703)	\$ (6,276)	\$24,619	\$ 94,538	\$ 204,357

**Figure 1.4 Proposed Operational Reserve Fund Balance,
Recommended Option, Weekly 3 Cart Service**

Line Item	Projected Operating Fund Balance by Year				
	2023	2024	2025	2026	2027
Starting Fund Balance	\$-0	\$(2,704)	\$771,019	\$1,885,638	\$5,760,177
Fund Balance Contribution	\$-0	\$780,000	\$1,090,000	\$3,780,000	\$3,920,000
Annual Operational Balance	\$(2,704)	\$(6,276)	\$24,619	\$94,538	\$204,357
Ending Operating Reserve	\$(2,704)	\$771,019	\$1,885,638	\$5,760,177	\$9,884,535
Operational Fund Requirement	\$4,658,126	\$4,960,442	\$5,273,681	\$5,607,339	\$5,962,786
Operational Fund Percent	(0.0%)	3.9%	8.9%	25%	25%
Vehicle Replacement Fund	\$-0	\$-0	\$-0	\$152,838	*\$3,921,749

**** Target \$3,866,179 for vehicle purchase in 2028**

A complete list of proposed residential and commercial rates are included in **Appendix D, E, F, G & H.**

1.5 RAMIFICATIONS OF NOT HAVING A RATE INCREASE

Required vehicle replacement, capital improvements, PERS funding, and provisions of SB 1383 will increase solid waste division revenue requirements. Even with financing of the next budget cycles vehicles, it would not be possible to fund the division under the current rate structure.





Figure 1.5 Proposed Solid Waste Division Revenue Requirements

Budget Cycle	2022	2023	2024	2025	2026	2027
Revenue Requirement (\$ Millions)	\$17.26	\$23.90	\$26.51	\$29.37	\$32.50	\$35.97
Year on Year Revenue % Increase	-	38.5%	10.9%	10.8%	10.7%	10.7%

Without a rate increase the city will need to reduce level of service and fall into violation of State of California regulations. Specific impacts include:

- The State has moved into the first phase of SB 1383 regulations. These regulations require diversion of commercial and residential generated organics from landfill disposal, and regulate contamination in the Blue, Organic and Gray carts. Without a rate increase the city will be in violation of SB 1383.
- Solid Waste spends approximately \$1,200,000 per year providing **Public Service** programs that are often mandated by state regulations. Without a rate increase these programs will need to be reduced or eliminated. Proposed rates are structured to fund **Public Service** programs. Below is a partial list of included programs:
 - Street Sweeping
 - Fall leaf pickup
 - Christmas tree collection
 - 2-yard debris boxes for residents
 - Electronic and universal waste collection
 - Sharps collection
 - Motor oil collection
 - Tree trimming

Without a number of the above programs, it will be illegal for the city to deposit waste in the state’s landfills. A Solid Waste rate increase is imperative for the city to continue operating a viable Solid Waste Enterprise.



A Portion of the Water Quality Control Facility, Renewable Natural Gas Production Facility





2. SOLID WASTE RATE STUDY REPORT

2.1 BACKGROUND

The city provides residential and commercial solid waste services to approximately 24,500 residential, and 800 commercial accounts. In addition, the city provides short-term service for residential cleanups, and construction demolition (C&D). The city’s current residential charges are listed in **Figure 2.1**. Collected solid waste is delivered to San Joaquin County owned and operated, Lovelace Materials Recovery Facility and Transfer Station, located on East Lovelace Road north of the city. Blue cart recyclable materials are taken to Stockton Recycling Inc. located at 3200 South El Dorado Street in Stockton. Yard waste is delivered to and composted by San Joaquin County Solid Waste; however, the city is investigating other composting alternatives. The cost of composting will increase with SB 1383 required, residential food waste diversion from landfill disposal.

The city has one residential fee that includes collection and processing of garbage (Gray Cart), recycling (Blue Cart), and yard and food waste (Organic Cart) materials. Commercial recyclable materials and yard waste are collected and processed at no additional charge. In the future, commercial food waste will be charged based on cart or bin size, frequency of pickup, and cleanliness of material.

Figure 2.1 Current Residential Rates.

Cart Size	Monthly Rates
Senior Low Income*	\$19.72
35-Gallon	\$30.67
65-Gallon	\$32.61
95-Gallon	\$34.33

**Must be 60 years of age or older with an income lower than the very low-income level published by HUD for San Joaquin County California.*

Going forward the 35-Gallon and 65-Gallon carts will be eliminated and replaced with the 95-gallon cart. This is due to operational problems with the automated collection trucks not being able to grab and hold the smaller carts when servicing.

Commercial customers are charged based on the size of their garbage collection cart/bin/box, and the number of times per week the site is serviced. Fees are collected monthly for the one-yard through six-yard bins. Fees include the cost of disposal. Larger roll off boxes starting at ten-yards and progressing through forty-yards are charged based on the number of times the box is serviced. Box customers are additionally charged for the direct cost of disposal.

Recently the State of California passed two significant pieces of legislation. **Figure 2.2** shows a summary of the legislation along with general obligations imposed on the city.





Figure 2.2 Significant California Solid Waste Legislation

Legislation Name	Significant Obligations
Assembly Bill 1826	By January 1, 2020 almost all commercial generated food waste will need to be diverted from landfill disposal.
Senate Bill 1383	<p>The California Air Resources Board, along with CalRecycle has written regulations controlling Short-Lived Climate Pollutants. One of these pollutants is methane generated by breakdown of organic materials in landfills. The regulation requires up to 75% diversion of organic materials above 2014 levels. Required diversion includes residential food waste. Provisions of the regulations include:</p> <ul style="list-style-type: none"> • Edible food recovery • Procurement of recycled organic products • Enforcement and penalties <ul style="list-style-type: none"> ○ Inspection of residential and commercial generators for contamination and proper sorting. • Education and outreach • Record keeping and reporting • Capacity planning <p>Violations of regulations require punitive fines, including \$10,000 per day for each violation.</p>

In addition to the listed legislation, the State has established with passage of Assembly Bill (AB) 341 a goal of 75% diversion of all solid waste. The city currently has <25% of its solid waste diverted.

Over the last several years scrap paper and metal values have significantly dropped due to a transitioning energy sector, and demand for these materials in Asia. The city once received \$20/ton for Blue cart recyclable materials. Currently the city processes Blue cart material at Stockton Recycling Inc. at a cost of \$120/ton. This results in a net cost differential of \$140/ton, in the negative direction. In comparison, disposal of trash is only \$50/ton.





The Solid Waste Division has done an admirable job maintaining solvency despite elimination of revenues from recyclable commodity sales. In recent years the Solid Waste Division has increased efficiency. Efficiency is due to larger trucks, shorter turnaround times due to disposal at Lovelace Material Recovery Facility and Transfer Station, and a skilled workforce. Currently, both existing and proposed residential and commercial solid waste rates are below many of the other communities in the surrounding area. **Figures 2.10 and 2.11** show rate comparisons for a number of surrounding communities. Many of the listed communities have yet to adjust rates for costs associated with SB 1383. Their future rates will be much higher.

Existing rate structures encourage both residential and commercial sectors to use the smallest available garbage container. Unfortunately, all too often when a small garbage container becomes full, people place general trash in recycling and yard waste containers. This is now a violation of SB 1383. SB 1383 regulations require the city to educate the public, and to control contamination due to improper sorting. This portion of the new regulations will be expensive for the city to comply. As previously stated, the city is eliminating the 35-gallon and 65-gallon carts, this will provide greater residential Gray cart capacity.



RNG Avoids Fuel Price Volatility

Manteca Public Works Department has been proactive to position the city to best take advantage of legislation listed in **Figure 2.2**. Starting in the fall of 2014 Public Works initiated writing of the **City of Manteca Solid Waste Master Plan** (Master Plan). The Master Plan has provided the city with direction to meet legislative requirements, while minimizing costs, and providing opportunities for revenue generation. An example of this is conversion of the city’s food waste to clean renewable natural gas (RNG). RNG is currently used to fuel much of the solid waste vehicle fleet.

2.2 REVENUE REQUIREMENTS PROJECTIONS

To determine whether additional rate revenue is required, projected operating and capital expenses are compared with projected revenue from current rates. Rates are then increased so expenses are covered, and Operational Reserves are maintained or increased to meet city objectives. Due to obligations of SB 1383 regulations, operating and capital expenses will exceed basic inflation. Therefore, going forward revenue requirements will exceed projected inflation.





Key Assumptions

Solid Waste Division’s reported actual spending in 2018, 2019, 2020, and 2021, were used as the basis for determining revenue requirement projections for the five-year planning period, of 2023 through 2027. Actual spending was then supplemented with projected costs associated with SB 1383 regulations. **Figure 2.3** summarizes projected revenue requirement trends, with noteworthy trends listed below. A full list of revenue requirements is included in **Appendix A**.

- **Inflation.** Covid-19 pandemic inflation is pushing 8%. Again, due to the pandemic, supply chains are in disarray, leading to shortages in almost every sector of the economy. This combined with government stimulus spending has resulted in supply and demand pressures driving costs up. Some economists predict inflationary easing in 2023. The Finance Department is estimating a 3% inflation rate for each of the next 5-years of this study.
- **Population Growth.** Population growth projections were based on information provided in the City of Manteca, 2015-2023 Housing Element of the City of Manteca General Plan. Population is projected to increase 2.18% each year.
- **Salaries and Benefits.** Base salaries and benefits are expected to increase with inflation at a projected 5%. However, CalPERS can pass on increases outside of city control, and above general inflation. In the past the city has projected an annual 5% CalPERS general rate increase. Projections for the next 5-years hold the increase at 5% per year.
- **Indirect Costs.** Over the next five-years, administrative and indirect overhead are projected to account for 10% of all revenue requirements. This is less than the previous projection of 18% of revenues in the previous 5-years.
- **Debt Service.** Solid Waste currently has no debt to service. However, future capital improvement projects are proposed to be financed. In addition, vehicle replacements purchased in 2023 will be financed resulting in debt service. It would not be reasonable to have rates pay for \$5,393,500 in vehicle purchased required in the 2023 budget cycle. This would require an additional \$8.50/month residential rate increase in the 2023 budget cycle. Therefore 2023 vehicles will be financed over their 7-year life. The city presumes to move forward with weekly 3 cart collection, an additional \$4,600,000 in vehicles will need to be purchased in 2023.
- **Operations and Maintenance.** Operations and Maintenance (O&M) is expected to increase by inflation and population. Many of the older fleet vehicles that once required significant maintenance have been replaced with new vehicles. This has resulted in a significant cost decrease. However, this reduction is likely an anomaly because these new vehicles will also age over the five-year rate plan.
- **Vehicle Replacement:** A portion of this study developed a schedule for vehicle replacement over the next 6-years. Side loaders, front loaders, roll off, fork trucks, street sweepers, and administrative cars and pickups will be replaced every 7-years. It is imperative to future budgets that vehicles be replaced on a 7-year schedule. Beyond 7-years any perceived savings is consumed by exponential vehicle





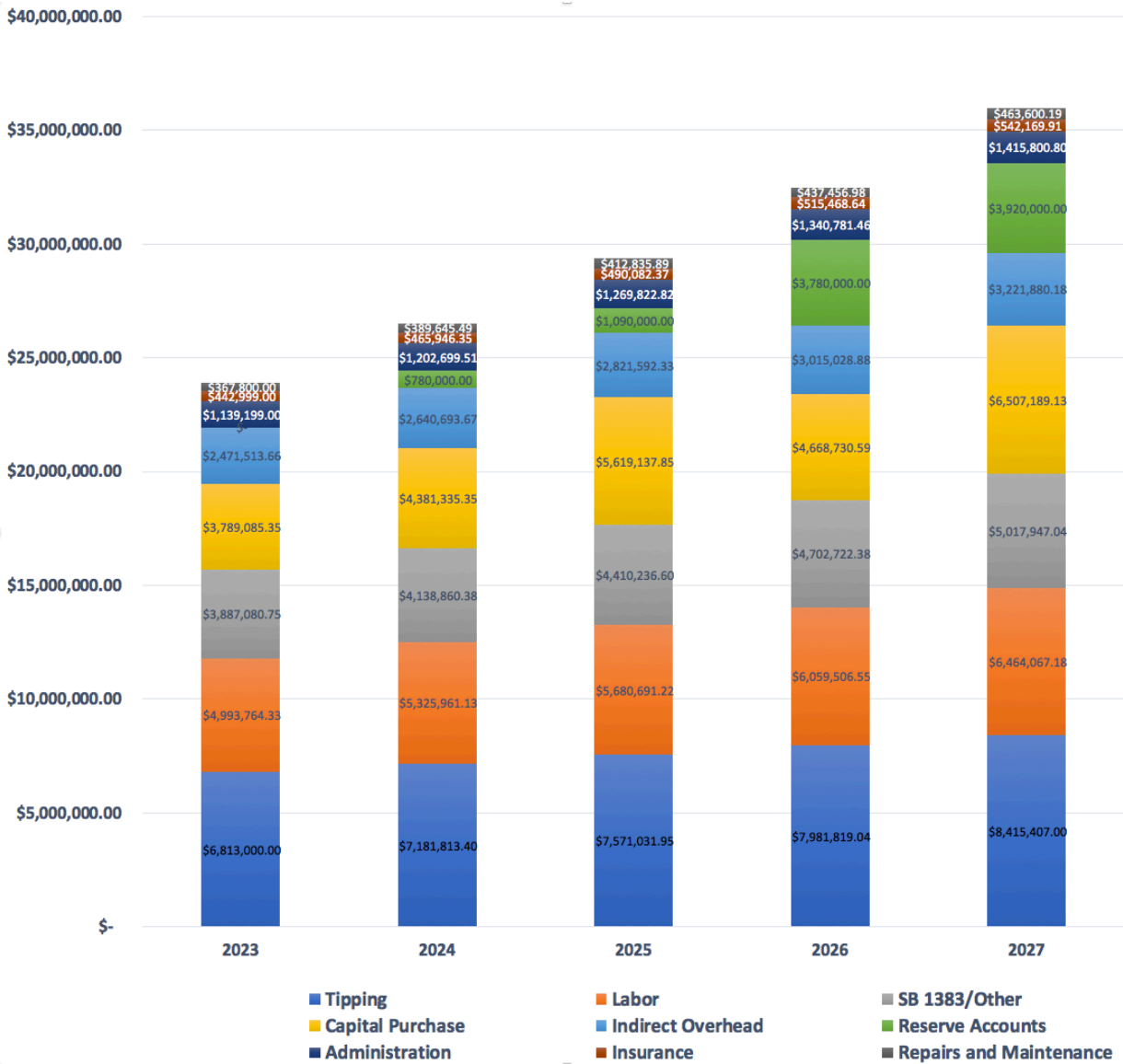
maintenance costs. In addition, overall fleet size is being reduced to ease maintenance costs. Going forward only 25% of vehicles will be in reserve (vehicle available when another vehicle is temporarily inoperable). This will result in a 2023 budget cycle savings of \$3,853,750. A vehicle replacement schedule is included in **Appendix C** of this report.

- **Street Sweeping:** The Solid Waste Division provides street sweeping services. With this proposed rate increase the division will have the means to continue to provide the current level of service.
- **Capital Expenditures.** There are a number of expected capital expenditures other than vehicles. All non-vehicle purchases (other than routing software which will be purchased on a vehicle schedule) are expected to be financed over 20-years at 6% interest. Purchases include:
 - \$1,050,000 for food waste processing equipment and other improvements at Lovelace Transfer Station and the Water Quality Control Facility (WQCF).
 - \$10,000,000 for Solid Waste corporation yard development.
 - \$400,000 for improvements to the vehicle maintenance facility to service CNG vehicles.
 - An allocation of \$1,500,000 has been made for a food waste digester. Its implementation will aid in generating federal Renewable Identification Number (RIN) revenue while ensuring compliance with SB 1383.
 - Financing of \$4,600,000 for residential collection trucks, required for the city to go forward with weekly 3 cart collection.
 - Financing of \$5,393,500 for solid waste replacement vehicles required in 2023.
- **Operational Reserves.** The proposed rate structure is designed to provide funds beyond expected expenditures to deliver a 25% Operational Reserve (90-Days). The current Operational Reserve is estimated to be 0%. Time required to achieve a 25% Operational Reserve is dependent on the selected residential rate alternative. In all alternatives the 25% reserve is achieved in 4 years or less, with excess funds going to a vehicle purchase fund. In addition, \$3,866,179 are needed in 2028 for vehicle purchases.
- **Vehicle Replacement Reserve.** After the 2023 budget cycle all vehicle replacements are proposed to be funded through cash. To accomplish this money must be banked to fund future vehicle purchases. Over the next 5-years vehicle purchase costs are projected to fluctuate from an approximate low of \$592,250 in 2024, to a high of \$2,718,104 in 2027. In 2028, the first year outside of this study, vehicle purchases are projected to be \$3,866,179. Funds for vehicle purchases are projected to be available if rate and spending projections of this study are followed.

Additional revenue requirements and details are discussed in Sections 2.6 through 2.16.

Figure 2.3 Solid Waste Projected Revenue Requirements





Operational Reserve Funds

Revenue increases are required to develop and maintain a target Operational Reserve of 25% (90-Days). Operational funds do not include capital spending or money designated for Operational Reserve. In general, it includes Administrative Overhead, Commercial Collection, Residential Collection, and Public Service. The estimated Operational Reserve fund balance currently is estimated to be \$0.00. **Figure 2.4** shows estimated development of the Operational Reserve of 25% (90-Days), based on Recommended Option rate, increase.

Figure 2.4 Operational Reserve Funding.





Recommended Option, Weekly 3 Cart Service

Line Item	Projected Operating Fund Balance by Year				
	2023	2024	2025	2026	2027
Starting Fund Balance	\$-0	\$(2,704)	\$771,019	\$1,885,638	\$5,760,177
Fund Balance Contribution	\$-0	\$780,000	\$1,090,000	\$3,780,000	\$3,920,000
Annual Operational Balance	\$(2,704)	\$(6,276)	\$24,619	\$94,538	\$204,357
Ending Operating Reserve	\$(2,704)	\$771,019	\$1,885,638	\$5,760,177	\$9,884,535
Operational Fund Requirement	\$4,658,126	\$4,960,442	\$5,273,681	\$5,607,339	\$5,962,786
Operational Fund Percent	(0.0%)	3.9%	8.9%	25%	25%
Vehicle Replacement Fund	\$-0	\$-0	\$-0	\$152,838	*\$3,921,749

**** Target \$3,866,179 for vehicle purchase in 2028**

2.3 COST OF SERVICE APPORTIONMENT

The city’s current solid waste rates determine how much of total revenue requirements are paid by each customer class (i.e., residential and commercial customers). A cost-of-service analysis determines how much each class should pay based on its respective share of Administrative Overhead, Capital Spending, Operation & Maintenance, and Public Service. A cost-of-service analysis is a ratemaking methodology that apportions cost of service to classes of customers in proportion to benefits received.

Administrative Overhead, Capital Spending, and Public Service are apportioned to residential customers and commercial customers based on disposal costs tied to residential and commercial collection. A core function of the Solid Waste Division is disposal. Disposal can be considered representative of the intensity of other divisional functions. **Figure 2.5** shows disposal calculations for apportioning revenue requirements not definitively tied to either residential collection, or commercial collection.





Figure 2.5 Cost of Service Apportionment

Annual Cost of Disposal						
	2018	2019	2020	2021	Total	Disposal Split
Commercial	\$1,178,594	\$1,316,696	\$1,408,736	\$1,344,783	\$5,248,809	49%
Residential	\$1,170,931	\$1,316,394	\$1,407,082	\$1,544,562	\$5,438,971	51%
Annual Disposal Cost Split						
Commercial	50%	50%	50%	47%		
Residential	50%	50%	50%	53%		

This cost-of-service methodology was used in allocating city’s cost to residential and commercial customers. In most recent years cost of disposal between residential and commercial is approximately the same. In calculating apportionment, commercial and residential will be burdened by the same financial load. Utilizing this methodology provides a necessary path for 95-gallon carts in both residential and commercial sectors to be charged the same rate.

2.4 RATE DESIGN AND PROJECTED RATE INCREASES

Rates are designed to generate appropriate amounts of revenue for each customer class. The proposed rate structure is consistent with industry standards and satisfies the legal rate making objectives. Now and in the future rates are proposed to be based on actual cost of service, unlike in the past where rates were used as a tool to motivate customers to reduce, reuse and recycle.

Residential Rates

There are two rate options provided below, both feature a 50% Senior Low-Income Rate. Additionally, they both eliminate the 35-gallon and 65-gallon Gray carts, which as previously discussed has been a cause of operational problems.

The first presented option is the Recommended Option. See **Figure 2.6**. In the Recommended Option the goal of a 25% Operational Reserve (90-days) is met in 2026. Although the Recommended Option results in large residential rate increases in the first year of the rate plan (2023), it is the Recommended Option because the first-year rate increases are as low as they can be and still maintain divisional solvency. After the first-year rate increase, rates increase at a consistent rate for the following four-years. Since the division will incur substantial increased costs over the five-year rate plan, including costs related to creation of an Operational Reserve, compliance with SB 1383, three cart weekly collection, and inflationary costs, significant rate increases in the first year of the rate plan are unavoidable.





**Figure 2.6 Residential Rates, Recommended
(Weekly 3 Cart Service)**

Cart Size	2022	2023		2024		2025		2026		2027	
	Rate	Rate	+%	Rate	+%	Rate	+%	Rate	+%	Rate	+%
95-Gal	\$34.33	\$47.41	37.6	\$50.92	7.4	\$54.68	7.4	\$58.72	7.4	\$63.07	7.4
Aggregate % Increase			38.1%	47.8%		58.8%		70.5%		83.2%	
SRLI*	\$19.72	\$23.71	28%	\$25.46	7.4%	\$27.34	7.4%	\$29.36	7.4%	\$31.53	7.4%
Operational Fund Balance			0%	3.9%		8.9%		25%		25%	
Vehicle Replacement Fund			\$0.00	\$0.00		\$0.00		\$152,838		\$3,921,749	

SRLI* is Senior Low-Income

Besides the Recommended Option, **Figure 2.7** presents an Alternative Option that meets the operational and vehicle replacement fund goals. The Alternative Option has a rate hike only in 2023, with no further increases in subsequent years, resulting in the smallest overall increase over the five-year study period. By 2027, the Recommended Option sets a residential rate of \$63.07, the Alternative Option charges \$55.17, 12.5% less.

Both residential rate options generate approximately the same total volume of money over the five-year period of the study. Both options are based on commercial rates annually contributing their obligations to the Operational Reserve and Vehicle Replacement Fund.

**Figure 2.7 Residential Rate, Alternative
(Weekly 3 Cart Service)**

Cart Size	2022	2023		2024		2025		2026		2027	
	Rate	Rate	+%	Rate	+%	Rate	+%	Rate	+%	Rate	+%
95-Gal	\$34.33	\$55.17	60.2	\$55.17	0.0	\$55.17	0.0	\$55.17	0.0	\$55.17	0.0
Aggregate % Increase			60.7%	60.7%		60.7%		60.7%		60.7%	
SRLI*	\$19.72	\$27.59	37.8%	\$27.59	0.0%	\$27.59	0.0%	\$27.59	0.0%	\$27.59	0.0%
Operational Fund Balance			24.0%	25.0%		25.0%		25%		25%	
Vehicle Replacement Fund			\$0.00	\$2,824,207		\$3,923,865		\$5,241,282		\$3,920,707	

SRLI* is Senior Low-Income



The Public (Left) and Solid Waste Division (Above) Compressed Natural Gas Dispensing Stations, Located at the Water Quality Control Facility





In year 2028, the first year outside of the scope of this study there is a projected need for \$3,866,179 for vehicle replacement. Both alternatives intend to meet the objective of having funds available for 2028 projected vehicle purchases.

Figure 2.8 shows anticipated revenue generation and expenses for all residential rate alternatives. Figure 2.9 shows the associated aggregate residential rate increases by year and percentage.

Figure 2.8 Residential Revenue Alternatives with Expenses

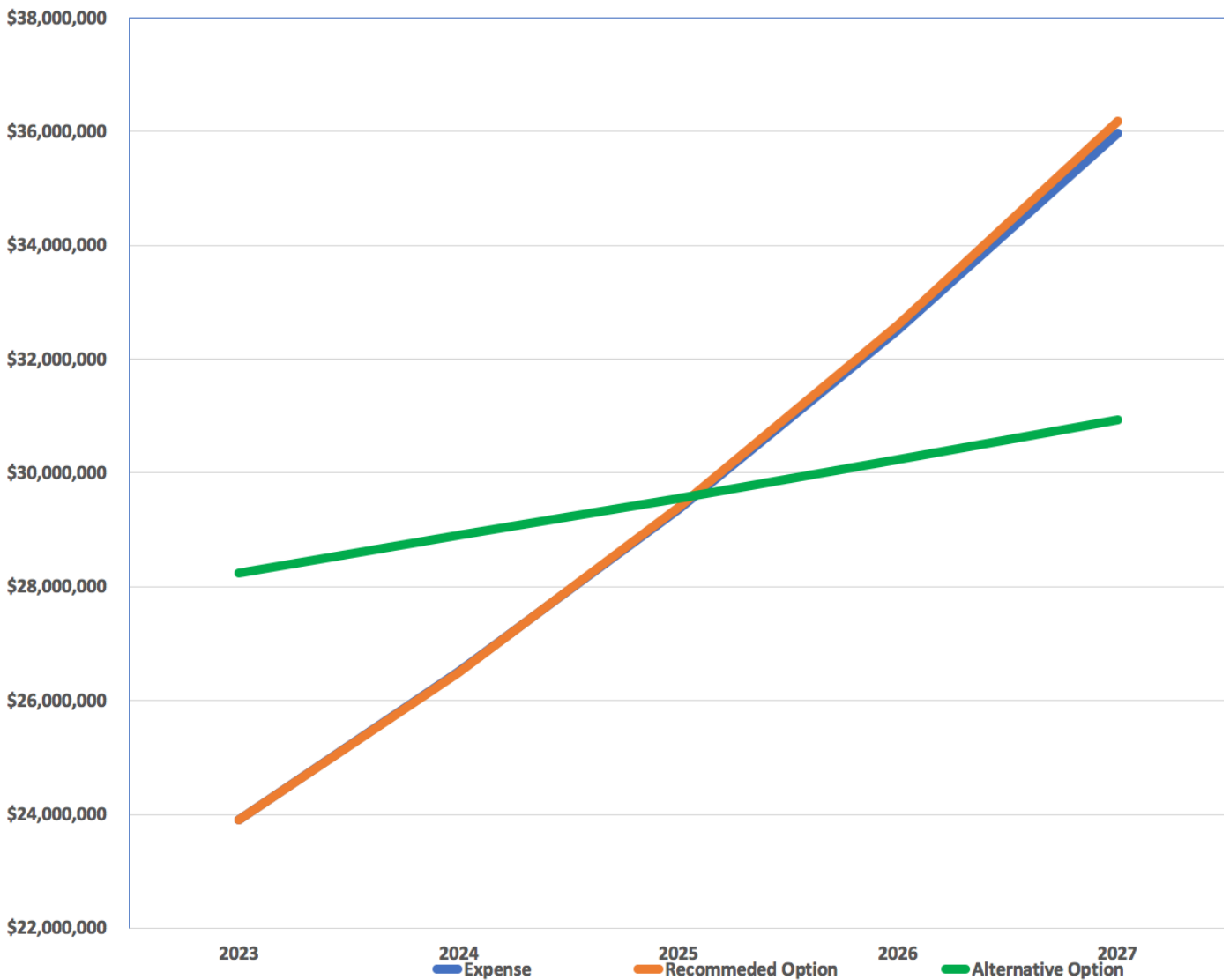
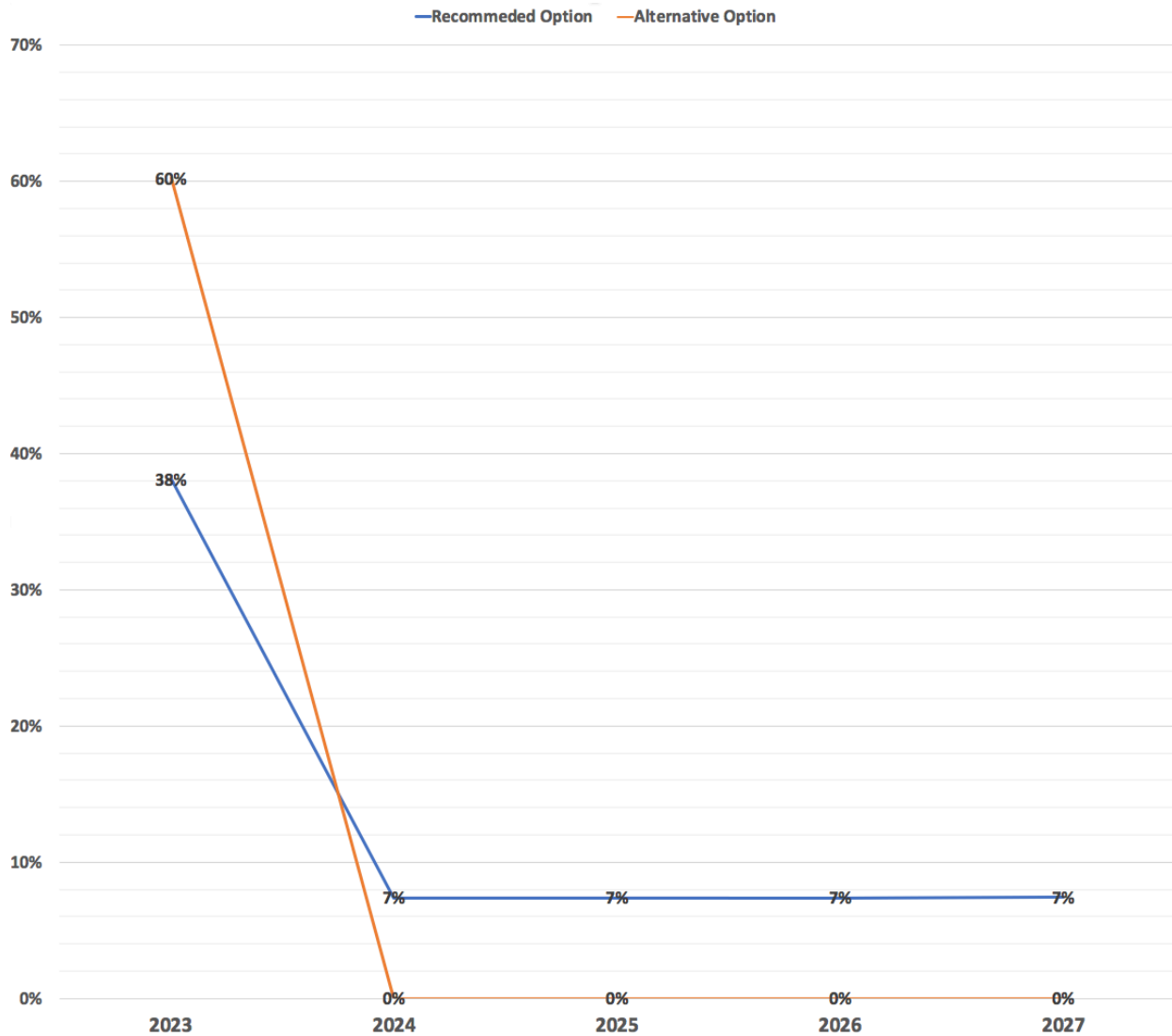




Figure 2.9 Residential Rate Alternatives, Annual Percent Rate Increase



Commercial Rates

Regularly scheduled commercial solid waste collection rates are far more complex than residential. This is due in part to:

- There are 40 basic levels of service for standard commercial trash collection. Whereas residential collection has only one option.
- Commercial has a significant on-call service, as opposed to scheduled service.





- Commercial collection of food waste requires special procedures to ensure ability to recycle material. Contaminated material requires greater labor and equipment utilization.
- 95-gallon cart (non-food waste) costs are comparable with residential cart rates.
- Servicing of roll off boxes and compactors can be problematic when gates are locked, or compactors require turning to service. Additional fees must be collected when additional services are required.

A complete list of commercial rates are included in **Appendix E and F**.

See **Section 2.14** for a discussion of commercial food waste collection and processing.

2.5 COMPARISON OF PROPOSED RATES WITH NEIGHBORING CITIES

Figure 2.10 compares current and proposed (Recommended Option, 3-Cart Weekly Service) residential rates with neighboring cities. Ripon only provides the large, or 95-gallon service. In addition, Ripon does not provide Blue cart recycling, and their Green cart collection comes with an additional charge. City rates have been normalized where possible to be comparable with Manteca rates. Even with the Recommended 3-Cart Weekly Service, the Manteca 95-gallon service charge is one of the lower in the area. **Note:** **Figure 2.10** shows other cities current rates, however many of these rates will be increased to account for required SB 1383 programs. In **Figure 2.10** the average rate does not include Manteca.



Figure 2.10 Residential Solid Waste Rate Comparison
“Manteca Proposed” rate is based on three cart weekly pickup, Recommended Option

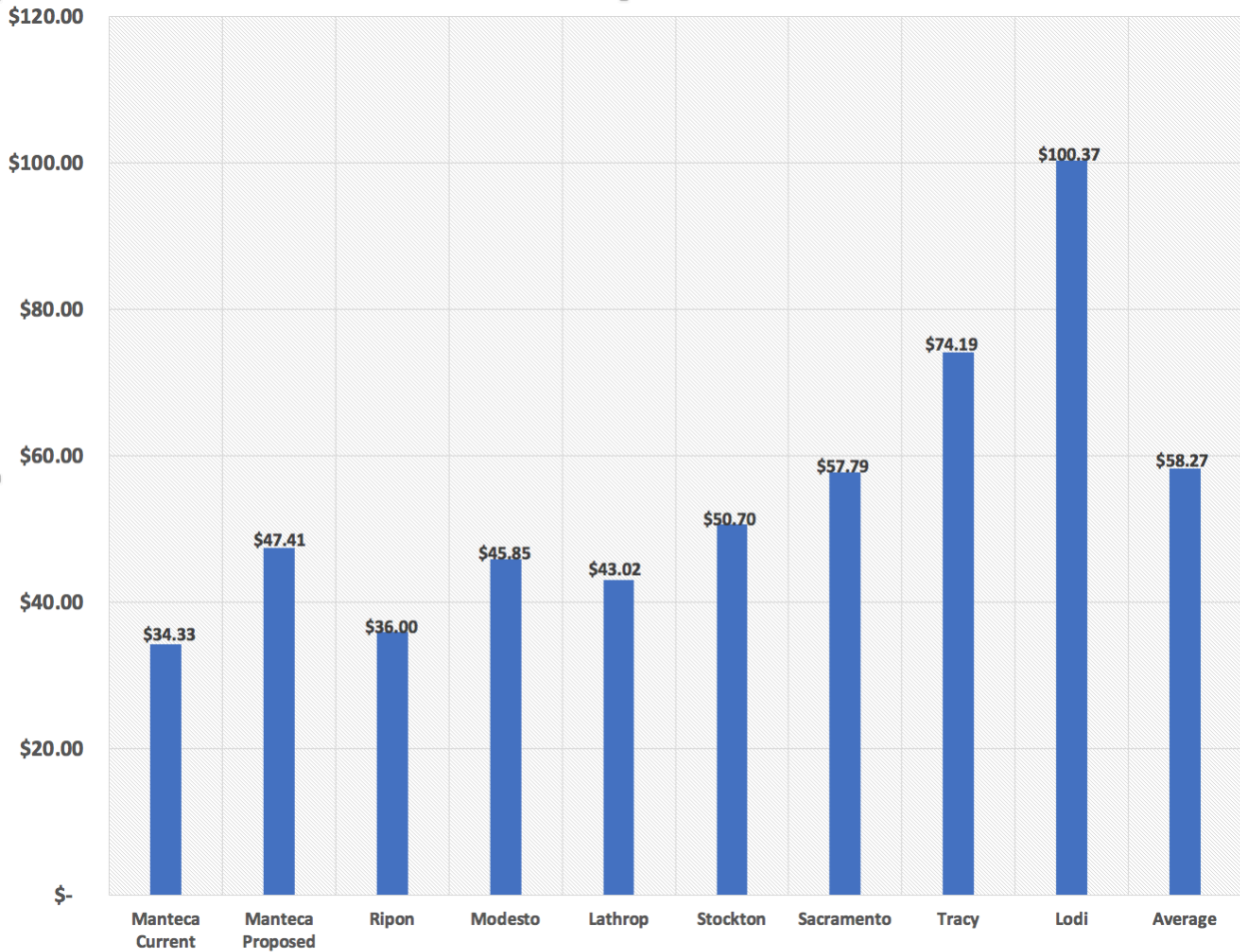
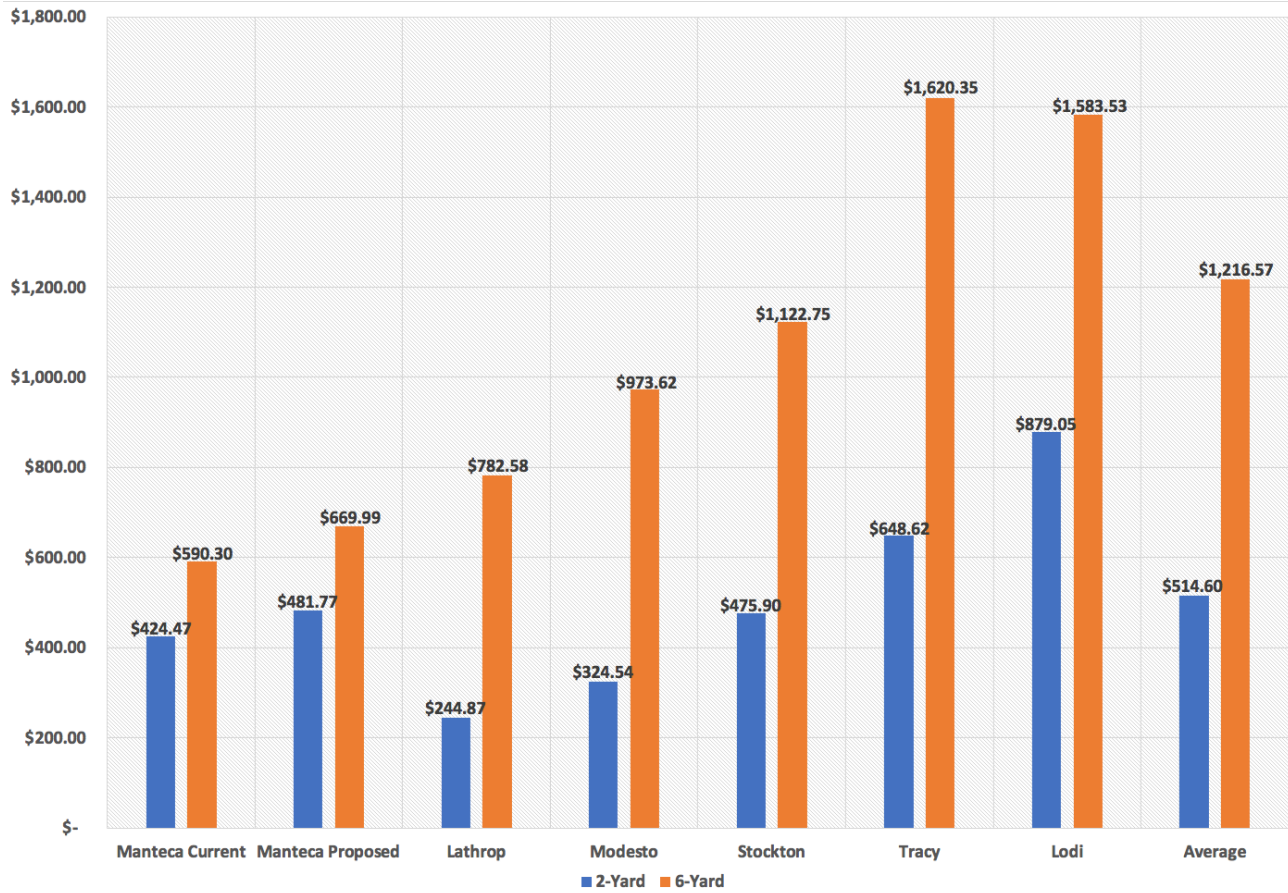


Figure 2.11 Compares the city’s current and proposed commercial rates for servicing a six-yard trash bin, and a two-yard trash bin. Bins are serviced three times a week. **Figure 2.11** compares this scenario with surrounding communities. Commercial comparisons are difficult in that services offered in other communities are often significantly different. As an example, Manteca does not charge for recyclable materials, where other communities do.





Figure 2.11 Commercial Solid Waste Rate Comparison
Recommended Option



The City of Ripon is not included in the commercial discussion. Ripon does not provide commercial collection service outside of the standard residential style cart. Their commercial service is open to any commercial hauler, and that hauler can charge whatever the market will allow. It is important to note, all other city rates except Tracy are subject to significant rate increase due to inflation, and requirements of SB 1383. Tracy has reported making SB 1383 adjustments.

Appendix E and F show a complete list of all proposed commercial rate charges associated with Recommended Option.





Other Programs Impacting Solid Waste Budget

2.6 SOLID WASTE IMPACTS ON STREETS

Often the heaviest vehicle to travel residential streets is the residential garbage truck. A number of studies have been conducted to determine the financial impacts of residential solid waste collection as it applies to street repair. The South Dakota Department of Transportation produced a report titled; Analysis of the Impact Upon State and Local Roads of Transporting Garbage to Centralized Solid Waste Disposal Sites. Based on this study the garbage truck impact is equivalent to 3,000 to 6,000 passenger vehicles traveling on the same street each week. Clearly garbage collection trucks have a significantly greater impact on residential streets than the vehicles of people living in the community.

City Staff is proposing to include a Street Repair Fund to offset street damage. The fund will collect \$0.50 per home per month. This will generate about \$150,000 per year. In comparison Larkspur, California has proposed a \$4.00 to \$5.00 per month, per home street impact fee.

2.7 CITY TREE IMPACTS ON SOLID WASTE VEHICLES

Many of the newer planned residential and commercial communities have tree lined streets. Trees add immeasurably to community value and quality of life. Often the largest vehicle to travel these areas is the solid waste collection truck. All too often collection trucks impact tree branches damaging both trees and trucks. When this occurs, trucks are damaged requiring repair. This impacts the ability of solid waste to maintain collection schedules. Trees that lose branches lose symmetry and become exposed to disease. The Solid Waste Division proposes to hire certified arborists to remove tree branches before they become a problem. Solid waste estimates tree trimming services will cost approximately \$200,000 per year.

2.8 ORGANIC PRODUCT PROCUREMENT

SB 1383 requires municipalities to acquire, often through purchase, recycled organic products. Products must then be utilized and cannot be sold after the municipality acquires the material. SB 1383 regulations set the minimum procured volume at 0.08 tons per person per year (160 pounds). In November 2021 CalRecycle set the Manteca population at 87,319, CalRecycle will require Manteca to procure the equivalent of 6,986 tons of organic material per year. Composting reduces the volume to 0.58 x of the 160 pounds, or 93 pounds per person per year. For Manteca this is about 4,000 tons (10,000 yds³) of compost per year that the city must purchase and utilize or give away. The city will never meet this requirement by placing a pile of compost in a community parking lot and asking people to come pick it up.





The Solid Waste Division is budgeting \$200,000 (\$50/ton) to purchase compost and deliver it to farmers and others. This appears to be the lowest cost option for meeting this SB 1383 regulation.

Once the city starts processing commercial food waste into RNG, RNG can be counted toward organic procurement if the city utilizes RNG or gives it away. 21 diesel gallons of RNG is equivalent to one-ton of procured organic material. RNG currently being produced at the WQCF does not count toward organic procurement because the feedstock (wastewater) is not a landfill diverted organic material.

Once the city starts processing commercial food waste to RNG the city will be allowed to count RNG used in the city fleet toward organic procurement targets. To fully utilize RNG the city will need to consume 146,706 DGE of RNG each year. For every DGE the city fleet consumes the city will avoid approximately \$1.38 in compost purchase.

2.9 PUBLIC EDUCATION

SB 1383 has strict guidelines for municipalities to follow regarding public education. The primary focus of education is reduction of contamination of residential and commercial carts, bins, and boxes. The public education component must be documented for future state audit. Solid waste is budgeting \$100,000 per year for SB 1383 required public education.

2.10 EDIBLE FOOD RECOVERY PROGRAM

The state is concerned with the volume of edible commercial food that is lost to disposal. This food could be used by people in need, as opposed to going to a landfill where it produces short-lived climate pollutants (methane). SB 1383 regulations establish programs to divert commercial generated edible food from trash, to feeding the less fortunate. San Joaquin County Department of Health is taking the lead in meeting SB 1383 regulations associated with edible food recovery in the city. Solid waste is budgeting \$100,000 per year to support the county effort.

2.11 CART, BIN, BOX, SOURCE SEPARATION CONTAMINATION

Improper source separation occurring in the Gray, Blue and Organic carts, bins, and boxes is a significant concern of CalRecycle. SB 1383 regulations state municipalities as a whole cannot have more than 25% contamination.

The city conducted a study of residential Blue cart materials in February of 2020. It was found that city Blue carts have 49.3% contamination. This was down from 73.4% contamination found in September of 2014. In the 2014 study about the same value of recyclables were found in the Gray cart as in the Blue cart. With SB 1383 improper source separation can be considered a violation, punishable by a fine of \$10,000 per day per





violation (paid by the city to the state). This includes recyclable materials placed in the garbage (Gray cart).

The current market cost to process Blue Cart material is about \$120/ton, when delivered to a processor. When taking into account transfer of material the full cost of Blue cart processing will be in the area of \$200/ton. This cost will decrease if the material is free of contamination.

The city cannot afford state fines and excessive tipping fees. Solid waste is budgeting \$150,000 per year to conduct SB 1383 required source separation audits to control contamination of Gray, Blue, and Organic carts, bins and boxes.

2.12 VEHICLE PURCHASE

Solid waste vehicles are complex pieces of machinery with hundreds of moving parts. With all the moving parts they are maintenance intensive. The functional economic and mechanical life is around 7-years. Even with this lifespan the city requires 25% of the fleet to be in reserve, available for use when a vehicle is in for repairs or maintenance.

Currently the division operates 45 vehicles. In the future the division plans to reduce the fleet size to about 38 vehicles (before expansion for weekly 3 cart service). With this move there will be less vehicles needing maintenance, and removal of older maintenance demanding vehicles. By reducing fleet size and replacing vehicles on a 7-year schedule, maintenance and capital replacement costs will be reduced. Solid waste vehicles replacement value is about \$15,540,000. If the city moves forward with weekly 3-cart service, the fleet value will increase to \$20,056,000.

Appendix C shows the required vehicle replacement schedule with approximate annual costs.

2.13 RESIDENTIAL COLLECTION SCHEDULE

Currently the city services residential Gray carts weekly, and Blue and Organic carts every other week (biweekly). SB 1383 regulations require collection of both residential and commercial food waste to be separate from Gray cart waste. The division is planning to have residents place food waste in their Organic cart, which will then be composted and recycled. When putrescible (food waste) waste is placed in a solid waste cart the state requires the cart to be serviced weekly.

For the Solid Waste Division to maintain low rates proper residential and commercial source separation must occur. Even with the city going to a higher rate structure to allow for weekly servicing of Gray carts, the state will require proper source separation, with education and enforcement programs.





2.14 COMMERCIAL FOOD WASTE COLLECTION

For a number of years the division has been operating a commercial food waste collection system. The service is mandatory, but commercial food waste generators have not been charged for the service. With passage of SB 1383, and the previous AB 1826, collection of commercial food waste is a requirement that requires commercial food waste generators to pay for the cost of service.

The city and state have invested millions of dollars into the Manteca Food to Fuel Program. For the program to operate cost effectively commercial food waste must be free of contamination. Contamination requires the city to clean food waste before processing. This comes at a high cost. It is proposed that, clean source separated commercial food waste will be charged 90% of standard commercial rates. Clean food waste requires little additional labor, and no secondary disposal costs. If a cart, bin or box has excessive contamination the charge will be 150% of standard commercial rates. Excessive contamination requires greater labor to process, secondary disposal costs, and higher processing equipment maintenance.

Commercial food waste will be processed and converted into RNG, powering the solid waste, and other city fleets. State Low-Carbon-Fuel-Standard (LCFS), and Federal Renewable-Identification-Number (RIN) funds will be paid to the city after the city completes the application process. Those funds will subsidize both city solid waste, and wastewater operations.

Commercial food waste collection and processing rates are shown in **Appendix G**.

2.15 RATES & RATE STUDY ASSUMPTIONS

With the solid waste rates recommended in this residential and commercial **Solid Waste Rate Study**, the residents of Manteca will enjoy some of the lowest solid waste rates in the region. The low rates are not resulting in a low level of service, Manteca enjoys, and will continue to enjoy a very high level of service, a level of service meeting or exceeding all regulatory requirements.

The city can only provide this level of service at this price if the community’s participation follows rules and regulations intended to protect rates and avoid mandatory CalRecycle punitive fines. SB 1383 adherence fundamentally changes municipal solid waste collection and disposal. Going forward the city must adapt to rate and regulatory changes, or rates will require significant increase. Key provisions to maintaining proposed rates are:

- The city has a draft agreement with San Joaquin County Solid Waste to compost yard waste with clean food waste. The city has had a commercial food waste collection system for a number of years, under SB 1383 a system to collect residential food waste must be established. If residential food waste can be mixed with residential yard waste the cost of residential food waste collection will be





minimal. If the city requires a separate residential food waste collection program, this could add up to \$10.00 per month to residential rates.

- When commercial food waste is processed and converted to RNG at the WQCF significant nutrients are released. The city can capture this segregated liquid flow and give it to local composters to accentuate the value of their produced compost and offset their requirement to purchase water. Local composters have said, they would take this material at no charge. If this does not happen, and the city is required to treat processed food waste effluent at the WQCF, the cost of commercial food waste collection and disposal will increase by more than 25%.
- SB 1383 requires the city to implement a commercial edible food collection program. At this time San Joaquin County Department of Health is going to manage all aspects of the requirement. The city has assumed a cost of \$100,000 per year to be paid to San Joaquin County Department of Health. The cost to the city could be lower or substantially higher. Future rates will need to reflect the San Joaquin County Department of Health cost to the city.
- New vehicles must be purchased per the 7-year life cycle (Vehicle Replacement Schedule **Appendix C**). Extending vehicle life beyond 7-years through extensive maintenance will increase operational costs which will negatively impact rates.
- Removal of the 35-gallon, and 65-gallon residential and commercial carts from rates. Going forward the 35-gallon, and 65-gallon carts will be charged a 95-gallon rate and will be removed from inventory through attrition and/or replacement.

With just a few changes to assumptions made in the residential and commercial **Solid Waste Rate Study**, rates could be required to increase more than 50% above the current proposed rate. Moving forward with the proposed rate package requires an understanding that corresponding programs must be implemented, maintained and protected.



City of Manteca Owned and Operated Commercial Food Waste Processing System, Located at Lovelace Transfer Station. The System was Largely Paid for with CalRecycle Grant Funds





Solid Waste, New Service Initiation Impact Fee

2.16 New Service Initiation Impact Fee for Solid Waste Infrastructure Triggered By New and Modified Residential & Commercial Customers

When a new home becomes occupied for the first time, the city must procure, assemble, and deliver three carts. In addition, a portion of new trucks must be funded to service the home. New commercial services also require new carts/bins/boxes and a portion of trucks to service them. A Service Cost Recovery Fee is collected to cover the cost of establishing solid waste service.

For new homes the fee is collected with issuance of building permit. The commercial fee is collected from the owner when a business establishes regular solid waste service, or upgrades frequency of collection, or upsizes cart, bin, or box. Fees will be collected from businesses occupying new construction or upgrading the size of their cart/bin/box, and/or the number of times a business is serviced in a week. **Figure 2.12** shows the proposed fee. Funds will not be refunded if commercial service is downgraded.

Figure 2.12 New Service Initiation Impact Fee

Start of New Rates through Dec. 31, 2023	Jan. 1, 2024 through Dec. 31, 2024	Jan. 1, 2025 through Dec. 31, 2025	Jan. 1, 2026 through Dec. 31, 2026	Jan. 1, 2027 Thereafter
Residential				
\$750.84	\$750.84	\$750.84	\$750.84	\$750.84
Commercial				
Time and Materials to purchase, assemble, and deliver carts/bins/boxes to businesses. + Proportional share of truck purchase based on picks per week. <i>Example \$500,000 Truck Purchase / 500 Picks Per Week = \$1,000 Per Pick</i>				

Attached **Appendix J** contains the **Solid Waste, New Service Initiation Impact Fee Nexus Study and Annual Capital Improvement Project (CIP) Budget**. This document contains additional information regarding solid waste impact fees and is intended to meet requirements of California Government Code Section GC 6600, as it pertains to AB 602. AB 602 requires local governments to improve transparency of their housing impact fees, by identifying all fees and explain their intended use.



APPENDIX A THROUGH K



APPENDIX A
Historic and Anticipated Revenue Requirements
By Budget Line Item
Manteca Solid Waste

CAPITAL EXPENSE	2023	2024	2025	2026	2027	2028
2023 Financed at 7yrs, and 6% (0.1791)						
Vehicles \$4,962,250.	\$ 965,975.85	\$ 965,975.85	\$ 965,975.85	\$ 965,975.85	\$ 965,975.85	\$ 965,975.85
Routing Software Purchase \$345,000	\$ 61,789.50	\$ 61,789.50	\$ 61,789.50	\$ 61,789.50	\$ 61,789.50	\$ 61,789.50
Financed at 20 yrs, and 6% (0.0872)						
Corporation Yard \$10,000,000	\$ 872,000.00	\$ 872,000.00	\$ 872,000.00	\$ 872,000.00	\$ 872,000.00	\$ 872,000.00
Food Digester \$1,500,000	\$ 130,800.00	\$ 130,800.00	\$ 130,800.00	\$ 130,800.00	\$ 130,800.00	\$ 130,800.00
CNG Shop Ventilation \$400,000	\$ 34,880.00	\$ 34,880.00	\$ 34,880.00	\$ 34,880.00	\$ 34,880.00	\$ 34,880.00
Turbo \$1,050,000	\$ 91,560.00	\$ 91,560.00	\$ 91,560.00	\$ 91,560.00	\$ 91,560.00	\$ 91,560.00
Vehicles Cash		\$ 592,250.00	\$ 1,830,052.50	\$ 879,645.24	\$ 2,718,103.78	\$ 3,866,179.04
PERS \$700,000 per year	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00
TOTAL	\$ 2,857,005.35	\$ 3,449,255.35	\$ 4,687,057.85	\$ 3,736,650.59	\$ 5,575,109.13	
Salaries Regular	\$ 199,536.00	\$ 213,862.68	\$ 229,218.03	\$ 245,675.88	\$ 263,315.41	
Salaries Admin Leave Pay	\$ 905.00	\$ 969.98	\$ 1,039.62	\$ 1,114.27	\$ 1,194.27	
Salaries Longevity Pay	\$ 2,005.00	\$ 2,148.96	\$ 2,303.25	\$ 2,468.63	\$ 2,645.88	
Benefits PERS Pool Liability	\$ 48,982.00	\$ 52,498.91	\$ 56,268.33	\$ 60,308.40	\$ 64,638.54	
Benefits Retirement	\$ 15,923.00	\$ 17,066.27	\$ 18,291.63	\$ 19,604.97	\$ 21,012.61	
Benefits Health Insurance	\$ 54,875.00	\$ 58,815.03	\$ 63,037.94	\$ 67,564.07	\$ 72,415.17	
Benefits Dental Insurance	\$ 3,538.00	\$ 3,792.03	\$ 4,064.30	\$ 4,356.11	\$ 4,668.88	
Benefits Vision Insurance	\$ 600.00	\$ 643.08	\$ 689.25	\$ 738.74	\$ 791.78	
Benefits Life Insurance	\$ 381.00	\$ 408.36	\$ 437.68	\$ 469.10	\$ 502.78	
Benefits Worker's Comp	\$ 1,361.21	\$ 1,458.94	\$ 1,563.69	\$ 1,675.96	\$ 1,796.30	
Benefits Long Term Disability	\$ 886.00	\$ 949.61	\$ 1,017.80	\$ 1,090.87	\$ 1,169.20	
Benefits Deferred Compensation	\$ 3,329.00	\$ 3,568.02	\$ 3,824.21	\$ 4,098.78	\$ 4,393.08	
Benefits Medicare	\$ 2,966.00	\$ 3,178.96	\$ 3,407.21	\$ 3,651.85	\$ 3,914.05	
Benefits Cell Phone Allowance	\$ 216.00	\$ 233.67	\$ 252.78	\$ 273.46	\$ 295.83	
Benefits Other Post Employment Benefits	\$ 2,374.06	\$ 2,544.52	\$ 2,727.22	\$ 2,923.03	\$ 3,132.91	
Benefits Worker's Comp	\$ 6,693.71	\$ 7,174.31	\$ 7,689.43	\$ 8,241.53	\$ 8,833.27	
Benefits Other Post Employment Benefits	\$ 8,192.39	\$ 8,780.60	\$ 9,411.05	\$ 10,086.76	\$ 10,810.99	
Salaries Regular	\$ 7,703.00	\$ 8,256.08	\$ 8,848.86	\$ 9,484.21	\$ 10,165.18	
Salaries Longevity Pay	\$ 140.00	\$ 150.05	\$ 160.83	\$ 172.37	\$ 184.75	
Benefits PERS Pool Liability	\$ 2,129.00	\$ 2,281.86	\$ 2,445.70	\$ 2,621.30	\$ 2,809.51	
Benefits Retirement	\$ 442.00	\$ 473.74	\$ 507.75	\$ 544.21	\$ 583.28	
Benefits Dental Insurance	\$ 88.00	\$ 94.32	\$ 101.09	\$ 108.35	\$ 116.13	
Benefits Vision Insurance	\$ 15.00	\$ 16.08	\$ 17.23	\$ 18.47	\$ 19.79	
Benefits Life Insurance	\$ 14.00	\$ 15.01	\$ 16.08	\$ 17.24	\$ 18.47	
Benefits Worker's Comp	\$ 270.00	\$ 289.39	\$ 310.16	\$ 332.43	\$ 356.30	
Benefits Long Term Disability	\$ 41.00	\$ 43.94	\$ 47.10	\$ 50.48	\$ 54.11	
Benefits Deferred Compensation	\$ 378.00	\$ 405.14	\$ 434.23	\$ 465.41	\$ 498.82	
Benefits Medicare	\$ 121.00	\$ 129.69	\$ 139.00	\$ 148.98	\$ 159.68	
Benefits Cell Phone Allowance	\$ 101.00	\$ 109.26	\$ 118.20	\$ 127.87	\$ 138.33	
Salaries Regular	\$ 173,821.00	\$ 186,301.35	\$ 199,677.78	\$ 214,014.65	\$ 229,380.90	
Salaries Admin Leave Pay	\$ 3,324.00	\$ 3,562.66	\$ 3,818.46	\$ 4,092.63	\$ 4,386.48	
Salaries Longevity Pay	\$ 1,665.00	\$ 1,784.55	\$ 1,912.68	\$ 2,050.01	\$ 2,197.20	
Benefits PERS Pool Liability	\$ 10,545.00	\$ 11,302.13	\$ 12,113.62	\$ 12,983.38	\$ 13,915.59	
Benefits Retirement	\$ 10,627.00	\$ 11,390.02	\$ 12,207.82	\$ 13,084.34	\$ 14,023.80	
Benefits Health Insurance	\$ 22,779.00	\$ 24,414.53	\$ 26,167.50	\$ 28,046.32	\$ 30,060.05	
Benefits Dental Insurance	\$ 1,427.00	\$ 1,529.46	\$ 1,639.27	\$ 1,756.97	\$ 1,883.12	
Benefits Vision Insurance	\$ 246.00	\$ 263.66	\$ 282.59	\$ 302.88	\$ 324.63	
Benefits Life Insurance	\$ 96.00	\$ 102.89	\$ 110.28	\$ 118.20	\$ 126.69	
Benefits Worker's Comp	\$ 3,161.30	\$ 3,388.28	\$ 3,631.55	\$ 3,892.30	\$ 4,171.77	
Benefits Long Term Disability	\$ 532.00	\$ 570.20	\$ 611.14	\$ 655.02	\$ 702.05	
Benefits Deferred Compensation	\$ 3,259.00	\$ 3,493.00	\$ 3,743.79	\$ 4,012.60	\$ 4,300.70	
Benefits Medicare	\$ 2,610.00	\$ 2,797.40	\$ 2,998.25	\$ 3,213.53	\$ 3,444.26	
Benefits Cell Phone Allowance	\$ 216.00	\$ 233.67	\$ 252.78	\$ 273.46	\$ 295.83	
Benefits Other Post Employment Benefits	\$ 7,735.51	\$ 8,290.92	\$ 8,886.21	\$ 9,524.24	\$ 10,208.08	
Benefits Worker's Comp	\$ 663.80	\$ 711.46	\$ 762.54	\$ 817.29	\$ 875.97	
Benefits Other Post Employment Benefits	\$ 2,276.96	\$ 2,440.45	\$ 2,615.67	\$ 2,803.48	\$ 3,004.77	
Benefits Other Post Employment Benefits	\$ 18,044.28	\$ 19,339.86	\$ 20,728.46	\$ 22,216.76	\$ 23,811.93	
Salaries Regular	\$ 642,759.00	\$ 688,909.10	\$ 738,372.77	\$ 791,387.93	\$ 848,209.59	
Salaries Overtime	\$ 10,000.00	\$ 10,718.00	\$ 11,487.55	\$ 12,312.36	\$ 13,196.39	
Salaries Holiday Pay	\$ 2,300.00	\$ 2,465.14	\$ 2,642.14	\$ 2,831.84	\$ 3,035.17	
Salaries Admin Leave Pay	\$ 4,403.00	\$ 4,719.14	\$ 5,057.97	\$ 5,421.13	\$ 5,810.37	
Salaries Longevity Pay	\$ 8,725.00	\$ 9,351.46	\$ 10,022.89	\$ 10,742.53	\$ 11,513.85	
Benefits PERS Pool Liability	\$ 173,607.00	\$ 186,071.98	\$ 199,431.95	\$ 213,751.17	\$ 229,098.50	
Benefits Retirement	\$ 57,290.00	\$ 61,403.42	\$ 65,812.19	\$ 70,537.50	\$ 75,602.10	
Benefits Health Insurance	\$ 102,665.00	\$ 110,036.35	\$ 117,936.96	\$ 126,404.83	\$ 135,480.70	
Benefits Dental Insurance	\$ 8,111.00	\$ 8,693.37	\$ 9,317.55	\$ 9,986.55	\$ 10,703.59	
Benefits Vision Insurance	\$ 1,449.00	\$ 1,553.04	\$ 1,664.55	\$ 1,784.06	\$ 1,912.16	

Benefits Life Insurance	\$ 897.00	\$ 897.10	\$ 961.51	\$ 1,030.54	\$ 1,104.54
Benefits Worker's Comp	\$ 21,476.21	\$ 23,018.20	\$ 24,670.90	\$ 26,442.27	\$ 28,340.83
Benefits Long Term Disability	\$ 2,042.00	\$ 2,188.62	\$ 2,345.76	\$ 2,514.18	\$ 2,694.70
Benefits Deferred Compensation	\$ 11,664.00	\$ 12,501.48	\$ 13,399.08	\$ 14,361.14	\$ 15,392.26
Benefits Uniform Allowance	\$ 1,025.00	\$ 1,078.10	\$ 1,133.94	\$ 1,192.68	\$ 1,254.46
Benefits Medicare	\$ 9,677.00	\$ 10,371.81	\$ 11,116.50	\$ 11,914.67	\$ 12,770.14
Benefits Annual Physical Exam	\$ 4,000.00	\$ 4,207.20	\$ 4,425.13	\$ 4,654.35	\$ 4,895.45
Benefits Cell Phone Allowance	\$ 1,980.00	\$ 2,141.96	\$ 2,317.18	\$ 2,506.72	\$ 2,711.77
Benefits Other Post Employment Benefits	\$ 115,875.54	\$ 124,195.41	\$ 133,112.64	\$ 142,670.12	\$ 152,913.84
Salaries Regular	\$ 805,264.00	\$ 863,081.96	\$ 925,051.24	\$ 991,469.92	\$ 1,062,657.46
Salaries Part Time	\$ 5,500.00	\$ 5,894.90	\$ 6,318.15	\$ 6,771.80	\$ 7,258.01
Salaries Overtime	\$ 30,000.00	\$ 32,154.00	\$ 34,462.66	\$ 36,937.08	\$ 39,589.16
Salaries Holiday Pay	\$ 25,500.00	\$ 27,330.90	\$ 29,293.26	\$ 31,396.51	\$ 33,650.78
Salaries Out of Class	\$ 500.00	\$ 535.90	\$ 574.38	\$ 615.62	\$ 659.82
Salaries Longevity Pay	\$ 14,355.00	\$ 15,385.69	\$ 16,490.38	\$ 17,674.39	\$ 18,943.41
Benefits PERS Pool Liability	\$ 220,258.00	\$ 236,072.52	\$ 253,022.53	\$ 271,189.55	\$ 290,660.96
Benefits Retirement	\$ 92,385.00	\$ 99,018.24	\$ 106,127.75	\$ 113,747.73	\$ 121,914.81
Benefits Health Insurance	\$ 208,516.00	\$ 223,487.45	\$ 239,533.85	\$ 256,732.38	\$ 275,165.76
Benefits Dental Insurance	\$ 12,519.00	\$ 13,417.86	\$ 14,381.27	\$ 15,413.84	\$ 16,520.56
Benefits Vision Insurance	\$ 2,323.00	\$ 2,489.79	\$ 2,668.56	\$ 2,860.16	\$ 3,065.52
Benefits Life Insurance	\$ 847.00	\$ 907.81	\$ 973.00	\$ 1,042.86	\$ 1,117.73
Benefits Worker's Comp	\$ 30,791.21	\$ 33,002.01	\$ 35,371.56	\$ 37,911.24	\$ 40,633.26
Benefits Long Term Disability	\$ 2,181.00	\$ 2,337.60	\$ 2,505.44	\$ 2,685.33	\$ 2,878.13
Benefits Deferred Compensation	\$ 36,408.00	\$ 39,022.09	\$ 41,823.88	\$ 44,826.84	\$ 48,045.40
Benefits Uniform Allowance	\$ 7,915.00	\$ 8,325.00	\$ 8,756.23	\$ 9,209.80	\$ 9,686.87
Benefits Medicare	\$ 12,493.00	\$ 13,390.00	\$ 14,351.40	\$ 15,381.83	\$ 16,486.25
Salaries Regular	\$ 1,072,017.00	\$ 1,148,987.82	\$ 1,231,485.15	\$ 1,319,905.78	\$ 1,414,675.01
Salaries Part Time	\$ 5,000.00	\$ 5,359.00	\$ 5,743.78	\$ 6,156.18	\$ 6,598.19
Salaries Overtime	\$ 50,000.00	\$ 53,590.00	\$ 57,437.76	\$ 61,561.79	\$ 65,981.93
Salaries Holiday Pay	\$ 35,000.00	\$ 37,513.00	\$ 40,206.43	\$ 43,093.26	\$ 46,187.35
Salaries Out of Class	\$ 500.00	\$ 535.90	\$ 574.38	\$ 615.62	\$ 659.82
Salaries Longevity Pay	\$ 19,470.00	\$ 20,867.95	\$ 22,366.26	\$ 23,972.16	\$ 25,693.36
Salaries Worker's Comp	\$ 1,826.09	\$ 1,957.20	\$ 2,097.73	\$ 2,248.35	\$ 2,409.78
Benefits PERS Pool Liability	\$ 295,385.00	\$ 316,593.64	\$ 339,325.07	\$ 363,688.61	\$ 389,801.45
Benefits Retirement	\$ 123,893.00	\$ 132,788.52	\$ 142,322.73	\$ 152,541.51	\$ 163,493.99
Benefits Health Insurance	\$ 248,732.00	\$ 266,590.96	\$ 285,732.19	\$ 306,247.76	\$ 328,236.35
Benefits Dental Insurance	\$ 16,383.00	\$ 17,559.30	\$ 18,820.06	\$ 20,171.34	\$ 21,619.64
Benefits Vision Insurance	\$ 3,123.00	\$ 3,347.23	\$ 3,587.56	\$ 3,845.15	\$ 4,121.23
Benefits Life Insurance	\$ 986.00	\$ 1,056.79	\$ 1,132.67	\$ 1,214.00	\$ 1,301.16
Benefits Worker's Comp	\$ 43,194.25	\$ 46,295.60	\$ 49,619.62	\$ 53,182.31	\$ 57,000.80
Benefits Long Term Disability	\$ 2,449.00	\$ 2,624.84	\$ 2,813.30	\$ 3,015.30	\$ 3,231.79
Benefits Deferred Compensation	\$ 50,192.00	\$ 53,795.79	\$ 57,658.32	\$ 61,798.19	\$ 66,235.30
Benefits Uniform Allowance	\$ 10,310.00	\$ 10,844.06	\$ 11,405.78	\$ 11,996.60	\$ 12,618.02
Benefits Medicare	\$ 16,534.00	\$ 17,721.14	\$ 18,993.52	\$ 20,357.25	\$ 21,818.90
Salaries Regular	\$ 115,808.00	\$ 124,123.01	\$ 133,035.05	\$ 142,586.96	\$ 152,824.71
Salaries Overtime	\$ 5,000.00	\$ 5,359.00	\$ 5,743.78	\$ 6,156.18	\$ 6,598.19
Salaries Holiday Pay	\$ 8,000.00	\$ 8,574.40	\$ 9,190.04	\$ 9,849.89	\$ 10,557.11
Salaries Longevity Pay	\$ 2,200.00	\$ 2,357.96	\$ 2,527.26	\$ 2,708.72	\$ 2,903.20
Salaries Worker's Comp	\$ 370.54	\$ 397.15	\$ 425.66	\$ 456.22	\$ 488.98
Benefits PERS Pool Liability	\$ 31,943.00	\$ 34,236.51	\$ 36,694.69	\$ 39,329.37	\$ 42,153.22
Benefits Retirement	\$ 13,398.00	\$ 14,359.98	\$ 15,391.02	\$ 16,496.10	\$ 17,680.52
Benefits Dental Insurance	\$ 1,253.00	\$ 1,342.97	\$ 1,439.39	\$ 1,542.74	\$ 1,653.51
Benefits Vision Insurance	\$ 211.00	\$ 226.15	\$ 242.39	\$ 259.79	\$ 278.44
Benefits Life Insurance	\$ 128.00	\$ 137.19	\$ 147.04	\$ 157.60	\$ 168.91
Benefits Worker's Comp	\$ 4,398.71	\$ 4,714.53	\$ 5,053.04	\$ 5,415.84	\$ 5,804.70
Benefits Long Term Disability	\$ 182.00	\$ 195.07	\$ 209.07	\$ 224.08	\$ 240.17
Benefits Deferred Compensation	\$ 9,126.00	\$ 9,781.25	\$ 10,483.54	\$ 11,236.26	\$ 12,043.02
Benefits Uniform Allowance	\$ 1,100.00	\$ 1,156.98	\$ 1,216.91	\$ 1,279.95	\$ 1,346.25
Benefits Medicare	\$ 1,853.00	\$ 1,986.05	\$ 2,128.64	\$ 2,281.48	\$ 2,445.29
Benefits PERS Pool Liability	\$ 24,429.00	\$ 26,183.00	\$ 28,062.94	\$ 30,077.86	\$ 32,237.45
Legal Services Public Works	\$ 10,000.00	\$ 10,718.00	\$ 11,487.55	\$ 12,312.36	\$ 13,196.39
Professional Services General	\$ 45,000.00	\$ 48,231.00	\$ 51,693.99	\$ 55,405.61	\$ 59,383.74
Professional Services Utility Statement Processing	\$ 80,000.00	\$ 85,744.00	\$ 91,900.42	\$ 98,498.87	\$ 105,571.09
Repairs & Maintenance Building	\$ 4,000.00	\$ 4,287.20	\$ 4,595.02	\$ 4,924.94	\$ 5,278.55
Repairs & Maintenance Vehicle	\$ 25,000.00	\$ 26,795.00	\$ 28,718.88	\$ 30,780.90	\$ 32,990.97
Repairs & Maintenance Vehicle	\$ 402,811.00	\$ 431,732.83	\$ 462,731.25	\$ 495,955.35	\$ 531,564.94
Administrative Expenses Training/Conferences	\$ 5,500.00	\$ 5,894.90	\$ 6,318.15	\$ 6,771.80	\$ 7,258.01
Professional Services General	\$ 160,000.00	\$ 171,488.00	\$ 183,800.84	\$ 196,997.74	\$ 211,142.18
Professional Services Uniform	\$ 700.00	\$ 736.26	\$ 774.40	\$ 814.51	\$ 856.70
Utilities Electric	\$ 15,000.00	\$ 16,227.00	\$ 17,554.37	\$ 18,990.32	\$ 20,543.72
Utilities Telephone	\$ 5,000.00	\$ 5,409.00	\$ 5,851.46	\$ 6,330.11	\$ 6,847.91
Supplies Office	\$ 5,000.00	\$ 5,259.00	\$ 5,531.42	\$ 5,817.94	\$ 6,119.31
Supplies Special Department	\$ 10,000.00	\$ 10,518.00	\$ 11,062.83	\$ 11,635.89	\$ 12,238.63
Supplies Copier Maintenance & Supplies	\$ 5,000.00	\$ 5,259.00	\$ 5,531.42	\$ 5,817.94	\$ 6,119.31
Supplies Postage	\$ 7,500.00	\$ 7,888.50	\$ 8,297.12	\$ 8,726.92	\$ 9,178.97
Supplies Propane	\$ 3,000.00	\$ 3,245.40	\$ 3,510.87	\$ 3,798.06	\$ 4,108.74
Supplies-Public Works Custodial	\$ 1,000.00	\$ 1,081.80	\$ 1,170.29	\$ 1,266.02	\$ 1,369.58
Supplies-Public Works Used Oil Grant	\$ 13,000.00	\$ 14,063.40	\$ 15,213.79	\$ 16,458.27	\$ 17,804.56
Supplies-Public Works Recycled Products	\$ 10,000.00	\$ 10,518.00	\$ 11,062.83	\$ 11,635.89	\$ 12,238.63
Supplies-Public Works Recycling Education Program	\$ 50,000.00	\$ 52,590.00	\$ 55,314.16	\$ 58,179.44	\$ 61,193.13
Supplies-Public Works Beverage Container Grant	\$ 18,000.00	\$ 18,932.40	\$ 19,913.10	\$ 20,944.60	\$ 22,029.53
Dues & Subscriptions Memberships	\$ 3,000.00	\$ 3,155.40	\$ 3,318.85	\$ 3,490.77	\$ 3,671.59
Maintenance Agreements & Licenses License/Software Maintenance	\$ 40,000.00	\$ 42,072.00	\$ 44,251.33	\$ 46,543.55	\$ 48,954.50
Operating Fees Operating Permits	\$ 4,000.00	\$ 4,207.20	\$ 4,425.13	\$ 4,654.35	\$ 4,895.45
Repairs & Maintenance Minor Equipment/Other	\$ 1,500.00	\$ 1,607.70	\$ 1,723.13	\$ 1,846.85	\$ 1,979.46
Repairs & Maintenance Equipment Rental	\$ 2,000.00	\$ 2,143.60	\$ 2,297.51	\$ 2,462.47	\$ 2,639.28
Repairs & Maintenance Property Maintenance	\$ 2,000.00	\$ 2,143.60	\$ 2,297.51	\$ 2,462.47	\$ 2,639.28
Claims & Insurance Insurance Premiums	\$ 442,999.00	\$ 465,946.35	\$ 490,082.37	\$ 515,468.64	\$ 542,169.91
Administrative Expenses Meetings	\$ 1,500.00	\$ 1,577.70	\$ 1,659.42	\$ 1,745.38	\$ 1,835.79
Administrative Expenses Mileage Reimbursement	\$ 500.00	\$ 525.90	\$ 553.14	\$ 581.79	\$ 611.93
Administrative Expenses Training/Conferences	\$ 10,000.00	\$ 10,518.00	\$ 11,062.83	\$ 11,635.89	\$ 12,238.63
Administrative Expenses Employee Recruitment	\$ 2,000.00	\$ 2,103.60	\$ 2,212.57	\$ 2,327.18	\$ 2,447.73
Administrative Expenses Support Services-Indirect Labor	\$ 1,335,000.00	\$ 1,430,853.00	\$ 1,533,588.25	\$ 1,643,699.88	\$ 1,761,717.53
Administrative Expenses Support Services-IT	\$ 124,000.00	\$ 132,903.20	\$ 142,445.65	\$ 152,673.25	\$ 163,635.19
Administrative Expenses Vehicle Fund Contribution	\$ 412,000.00	\$ 433,341.60	\$ 455,788.69	\$ 479,398.55	\$ 504,231.39
Administrative Expenses IT Fund Contribution	\$ 275,000.00	\$ 289,245.00	\$ 304,227.89	\$ 319,986.90	\$ 336,562.22
Administrative Expenses Community Clean-up	\$ 50,000.00	\$ 52,590.00	\$ 55,314.16	\$ 58,179.44	\$ 61,193.13
Operating Fees Fines and Penalties	\$ 30,000.00	\$ 31,554.00	\$ 33,188.50	\$ 34,907.66	\$ 36,715.88
Professional Services Uniform	\$ 4,500.00	\$ 4,733.10	\$ 4,978.27	\$ 5,236.15	\$ 5,507.38
Supplies Special Department	\$ 13,000.00	\$ 14,063.40	\$ 15,213.79	\$ 16,458.27	\$ 17,804.56
Supplies Gasoline	\$ 115,000.00	\$ 124,407.00	\$ 134,583.49	\$ 145,592.42	\$ 157,501.88
Supplies CNG	\$ 455,000.00	\$ 492,219.00	\$ 532,482.51	\$ 576,039.58	\$ 623,159.62
Supplies-Public Works Protective Clothing	\$ 5,000.00	\$ 5,259.00	\$ 5,531.42	\$ 5,817.94	\$ 6,119.31

ATTACHMENT 1

Supplies-Public Works Bin Repair	\$ 30,000.00	\$ 32,154.00	\$ 34,462.66	\$ 36,937.08	\$ 39,589.16
Supplies-Public Works Collection Containers	\$ 250,000.00	\$ 270,450.00	\$ 292,572.81	\$ 316,505.27	\$ 342,395.40
Supplies-Public Works 3 Cart System Containers	\$ 30,000.00	\$ 32,454.00	\$ 35,108.74	\$ 37,980.63	\$ 41,087.45
Operating Fees Dumping	\$ 2,005,000.00	\$ 2,108,859.00	\$ 2,218,097.90	\$ 2,332,995.37	\$ 2,453,844.53
Operating Fees Compost Tipping	\$ 150,000.00	\$ 157,770.00	\$ 165,942.49	\$ 174,538.31	\$ 183,579.39
Operating Fees Curbside Recycling	\$ 450,000.00	\$ 473,310.00	\$ 497,827.46	\$ 523,614.92	\$ 550,738.17
Operating Fees Wood Waste Tipping	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Operating Fees Concrete/Asphalt Tipping	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Repairs & Maintenance Minor Equipment/Other	\$ 10,200.00	\$ 10,932.36	\$ 11,717.30	\$ 12,558.61	\$ 13,460.31
Repairs & Maintenance Radio Communication	\$ 5,000.00	\$ 5,359.00	\$ 5,743.78	\$ 6,156.18	\$ 6,598.19
Repairs & Maintenance Bin Repair	\$ 100,000.00	\$ 107,180.00	\$ 114,875.52	\$ 123,123.59	\$ 131,963.86
Administrative Expenses Meetings	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Administrative Expenses Training/Conferences	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Administrative Expenses Employee Recruitment	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Professional Services Uniform	\$ 5,100.00	\$ 5,364.18	\$ 5,642.04	\$ 5,934.30	\$ 6,241.70
Supplies Special Department	\$ 10,000.00	\$ 10,518.00	\$ 11,062.83	\$ 11,635.89	\$ 12,238.63
Supplies Gasoline	\$ 126,000.00	\$ 136,306.80	\$ 147,456.70	\$ 159,518.65	\$ 172,567.28
Supplies CNG	\$ 150,000.00	\$ 162,270.00	\$ 175,543.69	\$ 189,903.16	\$ 205,437.24
Supplies-Public Works Protective Clothing	\$ 4,500.00	\$ 4,733.10	\$ 4,978.27	\$ 5,236.15	\$ 5,507.38
Supplies-Public Works Specialty Maintenance Tools	\$ 1,500.00	\$ 1,607.70	\$ 1,723.13	\$ 1,846.85	\$ 1,979.46
Supplies-Public Works Bin Repair	\$ 5,000.00	\$ 5,359.00	\$ 5,743.78	\$ 6,156.18	\$ 6,598.19
Supplies-Public Works Collection Containers	\$ 15,000.00	\$ 16,227.00	\$ 17,554.37	\$ 18,990.32	\$ 20,543.72
Supplies-Public Works 3 Cart System Containers	\$ 500,000.00	\$ 540,900.00	\$ 585,145.62	\$ 633,010.53	\$ 684,790.79
Operating Fees Dumping	\$ 2,005,000.00	\$ 2,108,859.00	\$ 2,218,097.90	\$ 2,332,995.37	\$ 2,453,844.53
Operating Fees Compost Tipping	\$ 880,000.00	\$ 925,584.00	\$ 973,529.25	\$ 1,023,958.07	\$ 1,076,999.09
Operating Fees Curbside Recycling	\$ 750,000.00	\$ 788,850.00	\$ 829,712.43	\$ 872,691.53	\$ 917,896.96
Operating Fees Wood Waste Tipping	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Operating Fees Concrete/Asphalt Tipping	\$ 1,000.00	\$ 1,051.80	\$ 1,106.28	\$ 1,163.59	\$ 1,223.86
Operating Fees Universal Waste Recycling	\$ 40,000.00	\$ 42,072.00	\$ 44,251.33	\$ 46,543.55	\$ 48,954.50
Operating Fees Used Oil Recycling	\$ 4,680.00	\$ 4,922.42	\$ 5,177.41	\$ 5,445.60	\$ 5,727.68
Repairs & Maintenance Minor Equipment/Other	\$ 13,000.00	\$ 13,933.40	\$ 14,933.82	\$ 16,006.07	\$ 17,155.30
Repairs & Maintenance Radio Communication	\$ 1,000.00	\$ 1,071.80	\$ 1,148.76	\$ 1,231.24	\$ 1,319.64
Administrative Expenses Training/Conferences	\$ 5,000.00	\$ 5,259.00	\$ 5,531.42	\$ 5,817.94	\$ 6,119.31
Administrative Expenses Employee Recruitment	\$ 2,000.00	\$ 2,103.60	\$ 2,212.57	\$ 2,327.18	\$ 2,447.73
Professional Services Uniform	\$ 1,150.00	\$ 1,209.57	\$ 1,272.23	\$ 1,338.13	\$ 1,407.44
Supplies Special Department	\$ 13,000.00	\$ 13,673.40	\$ 14,381.68	\$ 15,126.65	\$ 15,910.21
Supplies Gasoline	\$ 17,000.00	\$ 18,390.60	\$ 19,894.95	\$ 21,522.36	\$ 23,282.89
Supplies-Public Works Protective Clothing	\$ 200.00	\$ 210.36	\$ 221.26	\$ 232.72	\$ 244.77
Supplies-Public Works Specialty Maintenance Tools	\$ 500.00	\$ 535.90	\$ 574.38	\$ 615.62	\$ 659.82
Repairs & Maintenance Minor Equipment/Other	\$ 1,000.00	\$ 1,071.80	\$ 1,148.76	\$ 1,231.24	\$ 1,319.64

ATTACHMENT 1

3-Cart Weekly Option					
Truck Purchase	\$ 823,860.00	\$ 823,860.00	\$ 823,860.00	\$ 823,860.00	\$ 823,860.00
Truck Replacement	\$ 808,220.00	\$ 808,220.00	\$ 808,220.00	\$ 808,220.00	\$ 808,220.00
Truck Maintenance	\$ 194,750.00	\$ 204,487.50	\$ 214,711.88	\$ 225,447.47	\$ 236,719.84
Labor and Benefits	\$ 997,497.00	\$ 1,047,371.85	\$ 1,099,740.44	\$ 1,154,727.46	\$ 1,212,463.84
Street Repair	\$ 150,000.00	\$ 160,770.00	\$ 172,313.29	\$ 184,685.38	\$ 197,945.79
Tree Trimming	\$ 200,000.00	\$ 214,360.00	\$ 229,751.05	\$ 246,247.17	\$ 263,927.72
Procurement	\$ 200,000.00	\$ 214,360.00	\$ 229,751.05	\$ 246,247.17	\$ 263,927.72
SB1383 Inspector	\$ 150,000.00	\$ 160,770.00	\$ 172,313.29	\$ 184,685.38	\$ 197,945.79
Food Resque	\$ 100,000.00	\$ 107,180.00	\$ 114,875.52	\$ 123,123.59	\$ 131,963.86
Public Education	\$ 100,000.00	\$ 107,180.00	\$ 114,875.52	\$ 123,123.59	\$ 131,963.86
	\$ 900,000.00				
Operational Total	\$ 18,665,356.74	\$ 19,841,769.92	\$ 21,094,726.77	\$ 22,429,357.02	\$ 23,851,143.35
Operational Reserve Target	\$ 4,666,339.19	\$ 4,960,442.48	\$ 5,273,681.69	\$ 5,607,339.26	\$ 5,962,785.84
Operational Reserve Contribution		\$ 780,000.00	\$ 1,090,000.00	\$ 3,780,000.00	\$ 3,920,000.00
GRAND TOTAL SPENDING	\$ 23,904,442.09	\$ 26,506,955.27	\$ 29,365,431.05	\$ 32,501,514.51	\$ 35,968,061.43
Residential Total	\$ 9,339,101.34	\$ 9,800,012.69	\$ 10,289,512.50	\$ 10,809,441.82	\$ 11,361,764.63
Commercial Total	\$ 5,137,955.21	\$ 5,462,942.09	\$ 5,809,246.96	\$ 6,178,317.20	\$ 6,571,701.53
Administrative Total	\$ 9,427,385.55	\$ 11,244,000.49	\$ 13,266,671.58	\$ 15,513,755.48	\$ 18,034,595.27
Residential Total	\$ 14,052,794.11	\$ 15,422,012.93	\$ 16,922,848.29	\$ 18,566,319.56	\$ 20,379,062.26
Commercial Total	\$ 9,851,647.98	\$ 11,084,942.34	\$ 12,442,582.75	\$ 13,935,194.95	\$ 15,588,999.17

APPENDIX B
Solid Waste Capital Spending Plan

Item	Cost	Explanation
Vehicle Purchase 2023	\$5,393,500 Financed	Financed with terms anticipated to be 7-years at 6.0%. The annual payment will be \$888,793
Vehicle Purchase 2023 3 Cart Weekly Service Option	\$4,600,000 Financed	Financed with terms anticipated to be 7-years at 6.0%. The annual payment will be \$823,860
Vehicle Purchase 2024	\$592,250 Cash Purchase	Replacement truck purchase
Vehicle Purchase 2025	\$1,830,052 Cash Purchase	Replacement truck purchase
Vehicle Purchase 2026	\$879,645 Cash Purchase	Replacement truck purchase
Vehicle Purchase 2027	\$2,718,103 Cash Purchase	Replacement truck purchase
Vehicle Purchase 2028¹	\$3,866,179 Cash Purchase	Replacement truck purchase
Food Waste Processing & Loader with Transfer Trailers	\$1,050,000 Financed	Electrical and plumbing installation at Lovelace. Roll off trailers to transport processed food waste from Lovelace to WQCF. Funded at 6% for 20 years with an annual payment of \$91,560.
Corporation Yard Move	\$10,000,000 Financed	This project will move the solid waste corporation yard. Funded at 6% for 20 years with an annual payment of \$872,000
CNG Vehicle Maintenance Improvements 2019	\$400,000 Financed	This project will be funded over 20 years at 6%, for an annual payment of \$34,880. The project will allow vehicle maintenance to work on CNG vehicles inside the building.
Dedicated Food Waste Digester	\$1,500,000 Financed	Reduce the cost of digestate disposal and increase overall RIN values. Payment will be \$130,800 per year.
Routing Software Purchase	\$345,000 Financed	Financed with terms anticipated to be 7-years at 6.0%. The annual payment will be \$61,789

¹ Vehicle Purchase Year 2028 is outside the term of this study. Recommended rates will provide funds at the end of 2027 for vehicle purchases in 2028.

APPENDIX C
Vehicle Replacement Schedule

Truck #	Type	Model Year	Scheduled Replacement Year	Replacement Cost in 2022 Dollars
2023				
20-2036	Fork Truck	1994	2023	\$115,000
20-2043	Container Repair	1995	2023	\$92,000
20-2061	Front Loader	2004		Not Replaced
20-2068	Front Loader	2005		Not Replaced
20-2069	Front Loader	2005		Not Replaced
20-2067	Roll Off	2006		Not Replaced
20-2009	Ford Escape	2007	2023	\$40,250
20-2010	Roll Off	2008	2023	\$345,000
20-2070	Street Smart	2008		Not Replaced
20-2071	Side Loader	2008		Not Replaced
20-2073	Roll Off	2008	2023	\$345,000
20-2074	Street Smart	2008		Not Replaced
20-2077	Street Smart	2009	2023	\$575,000
20-2078	Rear Loader	2011	2023	\$460,000
20-2008	Fork Truck	2012	2023	\$115,000
20-2079	Side Loader	2012	2023	\$575,000
20-2086	Side Loader	2015	2023	\$575,000
20-2087	Side Loader	2015	2023	\$575,000
20-2088	Side Loader	2015	2023	\$575,000
20-2085	Front Loader	2016		Not Replaced
20-2098	Side Loader	2016	2023	\$575,000
25-0002	Street Sweeper	2011	2023	\$431,250
Sub-Total For The Year				\$5,393,500
TOTAL WITH INFLATION				\$5,393,500
Vehicle Purchase 2023, 3 Cart Weekly Service Option				\$4,600,000
Total For The Year				\$9,993,500
2024				
20-2099	Side Loader	2017	2024	\$575,000
Total For The Year				\$575,000
TOTAL WITH INFLATION				\$592,250
2025				
20-2011	Fork Truck	2018	2025	\$115,000
20-2089	Side Loader	2018	2025	\$575,000
20-2090	Side Loader	2018	2025	\$575,000
20-2091	Front Loader	2018	2025	\$460,000
Total For The Year				\$1,725,000
TOTAL WITH INFLATION				\$1,830,052
2026				
20-2092	Roll Off	2019	2026	\$345,000
20-2093	Front Loader	2019	2026	\$460,000
Total For The Year				\$805,000
TOTAL WITH INFLATION				\$879,645

ATTACHMENT 1

Truck #	Type	Model Year	Scheduled Replacement Year	Replacement Cost in 2022 Dollars
2027				
20-2093	Front Loader	2019	2023	\$575,000
20-2094	Side Loader	2020	2023	\$575,000
20-2095	Side Loader	2020	2023	\$575,000
20-2096	Side Loader	2020	2023	\$575,000
20-2097	Side Loader	2020	2023	\$115,000
Total For The Year				\$2,415,000
TOTAL WITH INFLATION				\$2,718,104
<u>2028 OUTSIDE SCOPE OF STUDY</u>				
<u>FOR INFORMATION ONLY</u>				
20-2100	Roll Off	2021	2028	\$345,000
20-2102	Front Loader	2021	2028	\$460,000
20-2103	Side Loader	2021	2028	\$575,000
20-2104	Side Loader	2021	2028	\$575,000
20-2105	Front Loader	2021	2028	\$460,000
20-2106	Front Loader	2021	2028	\$460,000
20-2107	Front Loader	2021	2028	\$460,000
Total For The Year				\$3,335,000
TOTAL WITH INFLATION				\$3,866,179

APPENDIX D

**Proposed Residential Solid Waste Collection Rates
(Weekly 3 Cart Service)**

Residential Garbage Collection Monthly Rates

Cart Capacity	Start of New Rates through Dec. 31, 2023	Jan. 1, 2024 through Dec. 31, 2024	Jan. 1, 2025 through Dec. 31, 2025	Jan. 1, 2026 through Dec. 31, 2026	Jan. 1, 2027 Thereafter
95-Gallon	\$47.41	\$50.92	\$54.68	\$58.72	\$63.07
SRLI*	\$23.71	\$25.46	\$27.34	\$29.36	\$31.53
Each Additional 95-Gallon Cart	\$17.28	\$17.00	\$17.00	\$16.97	\$17.12
Extra Organic Cart	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
Extra Dump	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Additional carts are only for individual dwellings that are also paying a regular cart fee.					
Extra Dump is charged whenever a collection truck must return to a dwelling outside of regular scheduled collection.					

***Senior Low-Income**

APPENDIX E
Proposed Commercial Solid Waste Collection Rates

Commercial Carts Garbage

Cart Capacity	Start of New Rates through Dec. 31, 2023	Jan. 1, 2024 through Dec. 31, 2024	Jan. 1, 2025 through Dec. 31, 2025	Jan. 1, 2026 through Dec. 31, 2026	Jan. 1, 2027 Thereafter
95-Gallon	\$47.41	\$50.92	\$54.68	\$58.72	\$63.07
Each Additional 95-Gallon Cart	\$17.28	\$17.00	\$17.00	\$16.97	\$17.12
Extra Organic Cart	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
Extra Dump	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Additional carts are only for individual dwellings that are also paying a regular cart fee.					
Extra Dump is charged whenever a collection truck must return to a dwelling outside of regular scheduled collection.					

Commercial Bins Garbage 2023

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
1 Yard	\$144.89	\$289.80	\$434.69				\$197.54
2 Yard	\$160.59	\$321.18	\$481.77	\$642.36	\$802.96		\$201.16
3 Yard	\$176.28	\$352.55	\$528.82	\$705.10	\$881.37		\$204.79
4 Yard	\$191.95	\$383.91	\$575.86	\$767.83	\$959.78	\$1,151.74	\$208.40
6 Yard	\$224.47	\$446.67	\$669.99	\$893.32	\$1,116.66	\$1,339.99	\$215.64
Rates are for Start of New Rates through Dec. 31, 2022							

Commercial Bins Garbage 2024

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
1 Yard	\$160.69	\$321.39	\$482.08				\$219.07
2 Yard	\$178.10	\$356.19	\$534.29	\$712.38	\$890.48		\$223.08
3 Yard	\$195.49	\$390.98	\$586.46	\$781.95	\$977.44		\$227.11
4 Yard	\$212.87	\$425.76	\$638.63	\$851.52	\$1,064.39	\$1,277.28	\$231.11
6 Yard	\$248.94	\$495.35	\$743.02	\$990.70	\$1,238.37	\$1,486.05	\$239.14
Rates are for Jan. 1, 2023 through Dec. 31, 2023							

Commercial Bins Garbage 2025

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
1 Yard	\$178.20	\$356.42	\$534.62				\$241.25
2 Yard	\$197.51	\$395.02	\$592.52	\$790.03	\$987.54		\$245.68
3 Yard	\$216.80	\$433.60	\$650.38	\$867.18	\$1,083.98		\$251.86
4 Yard	\$236.08	\$472.17	\$708.25	\$944.34	\$1,180.41	\$1,416.50	\$256.30
6 Yard	\$276.07	\$549.35	\$824.01	\$1,098.68	\$1,373.36	\$1,648.03	\$265.21
Rates are for Jan. 1, 2024 through Dec. 31, 2024							

Commercial Bins Garbage 2026

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
1 Yard	\$197.63	\$395.27	\$592.90				\$269.43
2 Yard	\$219.04	\$438.07	\$657.11	\$876.15	\$1,095.18		\$274.36
3 Yard	\$240.43	\$480.86	\$721.28	\$961.71	\$1,202.14		\$279.32
4 Yard	\$261.81	\$523.63	\$785.44	\$1,047.27	\$1,309.08	\$1,570.90	\$284.24
6 Yard	\$306.16	\$609.23	\$913.83	\$1,218.44	\$1,523.05	\$1,827.67	\$294.12
Rates are for Jan. 1, 2025 through Dec. 31, 2025							

Commercial Bins Garbage 2027

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
1 Yard	\$219.17	\$438.35	\$657.52				\$298.79
2 Yard	\$242.91	\$485.82	\$728.73	\$971.65	\$1,214.56		\$304.27
3 Yard	\$266.64	\$533.28	\$799.90	\$1,066.53	\$1,333.17		\$309.76
4 Yard	\$290.35	\$580.71	\$871.06	\$1,161.42	\$1,451.77	\$1,742.13	\$315.22
6 Yard	\$339.53	\$675.63	\$1,013.43	\$1,351.25	\$1,689.07	\$2,026.88	\$326.18
Rates are for Jan. 1, 2026 Thereafter							

Commercial Front Load Compactor 2023

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
2 Yard	\$192.71	\$385.42	\$578.13	\$770.84	\$963.55	\$1,156.26	\$237.13
3 Yard	\$211.53	\$423.06	\$634.58	\$846.12	\$1,057.65	\$1,269.19	\$241.42
6 Yard	\$269.36	\$536.00	\$803.99	\$1,071.99	\$1,339.99	\$1,607.99	\$254.21
Rates are for Start of New Rates through Dec. 31, 2022							

Commercial Front Load Compactor 2024

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
2 Yard	\$213.71	\$427.43	\$641.14	\$854.86	\$1,068.57	\$1,282.29	\$262.98
3 Yard	\$234.59	\$469.18	\$703.75	\$938.34	\$1,172.93	\$1,407.54	\$267.73
6 Yard	\$298.72	\$594.43	\$891.62	\$1,188.84	\$1,486.05	\$1,783.26	\$281.92
Rates are for Jan. 1, 2023 through Dec. 31, 2023							

Commercial Front Load Compactor 2025

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
2 Yard	\$237.01	\$474.02	\$711.03	\$948.04	\$1,185.05	\$1,422.06	\$291.64
3 Yard	\$260.16	\$520.32	\$780.46	\$1,040.62	\$1,300.78	\$1,560.96	\$296.92
6 Yard	\$331.28	\$659.22	\$988.81	\$1,318.42	\$1,648.03	\$1,977.64	\$312.65
Rates are for Jan. 1, 2024 through Dec. 31, 2024							

Commercial Front Load Compactor 2026

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
2 Yard	\$262.84	\$525.69	\$788.53	\$1,051.37	\$1,314.22	\$1,577.07	\$323.43
3 Yard	\$288.52	\$577.03	\$865.53	\$1,154.05	\$1,442.57	\$1,731.10	\$329.28
6 Yard	\$367.39	\$731.07	\$1,096.59	\$1,462.13	\$1,827.66	\$2,193.20	\$346.73
Rates are for Jan. 1, 2025 through Dec. 31, 2025							

Commercial Front Load Compactor 2027

Size	Collection Times per Week \$/Month						Extra Dump
	1	2	3	4	5	6	
2 Yard	\$291.49	\$582.99	\$874.48	\$1,165.97	\$1,457.47	\$1,748.97	\$358.68
3 Yard	\$319.97	\$639.93	\$959.87	\$1,279.84	\$1,599.81	\$1,919.79	\$365.17
6 Yard	\$407.44	\$810.76	\$1,216.12	\$1,621.50	\$2,026.88	\$2,432.26	\$384.52
Rates are for Jan. 1, 2026 Thereafter							

Commercial Roll Off Boxes (All Materials)

Size	Monthly on call rate		Monthly on-call rate includes 2 pulls. Tip fees are in addition.	Tip fees are the actual charges at the receiving facility	Pull Fee (Tipping is added to fee)	
	Year	Fee			Year	Fee
All	2023	\$762.69			2023	\$381.34
	2024	\$845.82			2024	\$422.91
	2025	\$938.01			2025	\$469.01
	2026	\$1,040.26			2026	\$520.13
	2027	\$1,153.65			2027	\$576.82

Tip fees are in addition to pull fees and monthly on call rate.
 Any excess deposit will be refunded and any balance due will be invoiced.
 Pull fees include roll off box rental, as long as the box is serviced a minimum of once every two weeks.
 If additional time is required due to lockouts or box turning, additional fees will be charged at Time & Material Rates.

APPENDIX F

Proposed Commercial Food Waste Collection Rates

Commercial Food Waste 2023

Volume and disposition	Pulls Per Week \$/Month				
	1	2	3	4	5
95-Gallon, clean food	\$42.67	\$85.34	\$128.01	\$170.68	\$213.35
95-Gallon, dirty food	\$71.12	\$142.23	\$213.35	\$284.46	\$355.58
2-Yard, clean food	\$144.53	\$289.06	\$433.59	\$578.12	\$722.66
2-Yard, dirty food	\$240.89	\$481.77	\$722.66	\$963.54	\$1,204.43
Rates are for Start of New Rates through Dec. 31, 2022					

Commercial Food Waste 2024

Volume and disposition	Pulls Per Week \$/Month				
	1	2	3	4	5
95-Gallon, clean food	\$45.83	\$91.66	\$137.48	\$183.31	\$229.14
95-Gallon, dirty food	\$76.38	\$152.76	\$229.14	\$305.52	\$381.90
2-Yard, clean food	\$160.28	\$320.57	\$480.85	\$641.14	\$801.42
2-Yard, dirty food	\$267.14	\$534.28	\$801.42	\$1,068.57	\$1,335.71
Rates are for Jan. 1, 2023 through Dec. 31, 2023					

Commercial Food Waste 2025

Volume and disposition	Pulls Per Week \$/Month				
	1	2	3	4	5
95-Gallon, clean food	\$49.21	\$98.42	\$147.64	\$196.85	\$246.06
95-Gallon, dirty food	\$82.02	\$164.04	\$246.06	\$328.08	\$410.10
2-Yard, clean food	\$177.76	\$355.51	\$533.27	\$711.02	\$888.78
2-Yard, dirty food	\$296.26	\$592.52	\$888.78	\$1,185.04	\$1,481.30
Rates are for Jan. 1, 2024 through Dec. 31, 2024					

Commercial Food Waste 2026

Volume and disposition	Pulls Per Week \$/Month				
	1	2	3	4	5
95-Gallon, clean food	\$52.85	\$105.70	\$158.54	\$211.39	\$264.24
95-Gallon, dirty food	\$88.08	\$176.16	\$264.24	\$352.32	\$440.40
2-Yard, clean food	\$197.13	\$394.26	\$591.39	\$788.53	\$985.66
2-Yard, dirty food	\$328.55	\$657.10	\$985.66	\$1,314.21	\$1,642.76
Rates are for Jan. 1, 2025 through Dec. 31, 2025					

Commercial Food Waste 2027

Volume and disposition	Pulls Per Week \$/Month				
	1	2	3	4	5
95-Gallon, clean food	\$56.76	\$113.53	\$170.29	\$227.05	\$283.82
95-Gallon, dirty food	\$94.61	\$189.21	\$283.82	\$378.42	\$473.03
2-Yard, clean food	\$218.62	\$437.24	\$655.86	\$874.47	\$1,093.09
2-Yard, dirty food	\$364.36	\$728.73	\$1,093.09	\$1,457.46	\$1,821.82
Rates are for Jan. 1, 2026 Thereafter					

Commercial Roll Off Boxes Food Waste

Size	Monthly on call rate		Monthly on-call rate includes 2 pulls. Tip fees are in addition.	Pull Fee (Tipping is added to fee)	
	Year	Fee		Year	Fee
All	2023	\$762.69		2023	\$381.34
	2024	\$845.82		2024	\$422.91
	2025	\$938.01		2025	\$469.01
	2026	\$1,040.26		2026	\$520.13
	2027	\$1,153.65		2027	\$576.82
	<p>Tip fees are in addition to pull fees and monthly on call rate. Pull fees include roll off box rental, as long as the box is serviced a minimum of once every two weeks. <u><i>Clean food waste will be charged 0.9X standard tip fee.</i></u> <u><i>Dirty food waste will be charged 1.5X standard tip fee.</i></u></p>				

APPENDIX G
Proposed Short Term Collection Bin Rates

Short Term Collection Bin 2023

Container Size	2-Yard	3-Yard	4-Yard	6-Yard
Charge for up to 14 days container rental*	\$298.12	\$301.74	\$305.36	\$312.60
Rental rate per day over 14-days	\$10.00	\$10.00	\$10.00	\$10.00
Extra Dump	\$201.16	\$204.78	\$208.40	\$215.64
Rates are for Start of New Rates through Dec. 31, 2022				

* Charge includes one disposal

Short Term Collection Bin 2024

Container Size	2-Yard	3-Yard	4-Yard	6-Yard
Charge for up to 14 days container rental*	\$330.61	\$334.63	\$338.64	\$346.68
Rental rate per day over 14-days	\$10.00	\$10.00	\$10.00	\$10.00
Extra Dump	\$223.08	\$227.10	\$231.11	\$239.14
Rates are for Jan. 1, 2023 through Dec. 31, 2023				

* Charge includes one disposal

Short Term Collection Bin 2025

Container Size	2-Yard	3-Yard	4-Yard	6-Yard
Charge for up to 14 days container rental*	\$366.65	\$371.10	\$375.56	\$384.46
Rental rate per day over 14-days	\$10.00	\$10.00	\$10.00	\$10.00
Extra Dump	\$247.40	\$251.85	\$256.30	\$265.21
Rates are for Jan. 1, 2024 through Dec. 31, 2024				

* Charge includes one disposal

Short Term Collection Bin 2026

Container Size	2-Yard	3-Yard	4-Yard	6-Yard
Charge for up to 14 days container rental*	\$406.62	\$411.55	\$416.49	\$426.37
Rental rate per day over 14-days	\$10.00	\$10.00	\$10.00	\$10.00
Extra Dump	\$274.36	\$279.30	\$284.24	\$294.12
Rates are for Jan. 1, 2025 through Dec. 31, 2025				

* Charge includes one disposal

Short Term Collection Bin 2027

Container Size	2-Yard	3-Yard	4-Yard	6-Yard
Charge for up to 14 days container rental*	\$450.94	\$456.41	\$461.89	\$472.84
Rental rate per day over 14-days	\$10.00	\$10.00	\$10.00	\$10.00
Extra Dump	\$304.27	\$309.75	\$315.22	\$326.18
Rates are for Jan. 1, 2026 Forward				

*Charge includes one disposal

Short Term Roll Off Boxes

Size	Year	Fee (plus tip fee)	Extra Pull Fee (plus tip fee)
ALL	2023	\$381.34	\$381.34
	2024	\$422.91	\$422.91
	2025	\$469.01	\$469.01
	2026	\$520.13	\$520.13
	2027	\$576.82	\$576.82

Tip fees are in addition to pull fees.
 A deposit of **\$700.00** must be paid before a roll off box will be delivered to a site.
 Any excess deposit will be refunded and any balance due will be invoiced.
 Short Term rental is for two weeks. There is a \$50 per day box rental fee for any days over 14.
 Fee is for **one** pull.
 Clean food waste will be charged 0.9X standard tip fee.
 Dirty food waste will be charged 1.5X standard tip fee.

APPENDIX H
Proposed Special Pick-Up Rates

Special Pick-Ups (A Portion of Time and Material Rates)

Level of Labor	Cost per Hour/Year				
	2023	2024	2025	2026	2027*
Truck and one worker	\$120.09	\$126.09	\$132.39	\$139.00	\$145.95
Truck and two workers	\$203.27	\$213.43	\$224.10	\$235.30	\$247.07
Truck and three workers	\$286.45	\$300.77	\$315.81	\$331.60	\$348.18
Loading equipment	\$57.71	\$60.59	\$63.62	\$66.80	\$70.14
*Rates are for January 1, 2027 and Thereafter					
½ Hour Minimum Charge					

Extra Collection Charges Apply to the Following:

Individual Items
Solid Waste Staff may Retrieve a Residential sized refrigerator for \$50.00 plus Time and Materials.
There is No Charge for Electronic Waste Delivered to the Solid Waste Office or Special Collection Events. Solid Waste Staff May Retrieve Electronic Waste at the Residence on a Time and Materials Basis.
Cleaning of Bins and Carts will be on a Time and Materials Basis.
Replacement of Damaged Carts will be \$80.00 plus time to assemble and deliver (Time and Materials).
Miscellaneous Bulky Items (couch, chair, etc.) will be charged Time and Materials.
Extra Bags (no more than 3 – 35 Gallon) placed at curb beside Gray Bin will be charged a fee equal to 65-gallon monthly rate at time of service (\$50.58).
Locking Bar Installation (one time charge): \$75.00
Vacation Suspended Service: \$120.00
Other Tasks will be Charged on a Time and Materials Basis

APPENDIX I

Proposed New Service Initiation Impact Fee

Start of New Rates through Dec. 31, 2023	Jan. 1, 2024 through Dec. 31, 2024	Jan. 1, 2025 through Dec. 31, 2025	Jan. 1, 2026 through Dec. 31, 2026	Jan. 1, 2027 Thereafter
Residential				
\$750.84	\$750.84	\$750.84	\$750.84	\$750.84
Commercial				
Time and Materials to purchase, assemble, and deliver carts/bins/boxes to businesses. + Proportional share of truck purchase based on picks per week. <i>Example \$500,000 Truck Purchase / 500 Picks Per Week = \$1,000 Per Pick</i>				

*For more information see **Appendix J**

APPENDIX J

**Solid Waste, New Service Initiation Impact Fee Nexus Study
and Annual Capital Improvement Project (CIP) Budget**

The Solid Waste, *New Service Initiation Impact Fee* collects funds from primarily new development for the purchase of infrastructure required for the city to service new development. Fees are collected from both commercial and residential development. The funds are used to purchase new collection trucks required to service new development, and carts, bins, and/or boxes required by the individual serviceable unit.

Residential

Every residential unit located in the city is required to have solid waste collection service. Per California regulations, primarily driven by SB 1383, they must have garbage collection, along with recyclable materials and organic waste. To facilitate this, three material containers (carts) are provided to each residential unit, which are funded by fees. At such time as the cart(s) need to be replaced due to standard wear and tear, the replacement will be funded by rates.

As the city grows and new residential units come online, new solid waste collection trucks must be purchased. The *New Service Initiation Impact Fee* will be used to pay for new residential units' proportionate share of the costs to acquire new collection truck(s) used to serve those new units. As with carts, replacement trucks will be funded through rates.

All residential units receive the same basic level of service, and therefore, the costs to serve each unit are the same, regardless of the size of the unit. As such there is no correlation linking residential unit square footage to the cost of providing new carts and/or new collection trucks to service that new unit. Each residential unit receives a garbage cart (Brown Cart), a recyclable material cart (Blue Cart), and an Organic cart. Each of the three carts is a 95-gallon with a radio-frequency identification chip (RFID). The purchase price of a single cart is about \$65.00. When new carts arrive at the city they must be assembled, then delivered to the resident. New carts will be received at all new residential development in the city. New carts will be purchased as needed through standard city procurement. The city tries to maintain an inventory of unassembled new carts.

Full residential cart purchase, assembly, and delivery costs are summarized below:

A 95-gallon cart (the only residential cart size available in the city) with RFID chip costs approximately \$65.00. A new home requires 3 carts totaling **\$195.00**.

Labor required to assemble and deliver carts costs \$70.32/hour. One-half hour is required to assemble three carts costing **\$35.16**.

A truck with driver is used to deliver assembled carts to the new residential unit. The round trip takes on average 45 minutes, at an hourly rate of \$124.85/hour, or **\$93.63** per three cart delivery.

Each cart will be serviced weekly. The cost of a new residential collection truck is approximately \$575,000. A typical residential service truck will service 900 homes per day, or 4,500 homes per week. The proportional cost of a new collection truck is $\$575,000/4,500 = \127.78 . The three-collection truck cost is **\$383.33**.

Trucks	\$383.33
Cans	\$195.00
Assembly	\$35.16
<u>Delivery</u>	<u>\$93.63</u>
	\$707.12

With an anticipated 3% inflation, the average *New Service Initiation Impact Fee* over the next 5-years is **\$750.84**.

Residential Capital Improvement Project Budget

The city currently has approximately 24,173 residential units. Per the City of Manteca, 2015-2023 Housing Element of the City of Manteca General Plan, the city is expected to grow 2.18% per year.

**City of Manteca, Residential New Service Initiation Impact Fee
Capital Improvement Plan (CIP)**

Year	New Residential Units	CIP Budget
2023	527	\$395,671.21
	95-Gallon Carts	\$193,656.30
	Trucks	\$202,014.91
2024	538	\$404,296.84
	95-Gallon Carts	\$198,065.30
	Trucks	\$206,231.54
2025	550	\$413,110.51
	95-Gallon Carts	\$202,279.01
	Trucks	\$210,831.50
2026	562	\$422,116.32
	95-Gallon Carts	\$215,431.46
	Trucks	\$215,431.46
2027	574	\$431,318.45
	95-Gallon Carts	\$211,287.03
	Trucks	\$220,031.42

The New Service Initiation Impact Fee will apply to each residential unit in development projects up to four total units. A residential complex containing more than four units is considered

commercial. Commercial residential complexes have communal solid waste collection and will be charged New Service Initiation Cost Recovery Fees under the commercial schedule.

Commercial

When a new commercial space is developed it must obtain appropriate solid waste collection carts/bins/boxes before business can commence. In addition, collection trucks must be made available to service the new carts/bins/boxes.

Like residential, most commercial businesses are required to have three collection containers, garbage, recyclables, and organic waste. Some commercial businesses are required to have a fourth container for food waste. Bins and boxes are primarily made of steel. Steel prices are very volatile as are the prices of bins and boxes. When a bin or box is delivered to a new commercial entity, they will be charge Time & Materials for the cost of the bin or box, and the cost of assembly/delivery. When a business requires carts, they will be charged the same as the fee for new residential units.

On a commercial collection route, a truck will service a maximum of 100 bins per day (not expected to exceed 100 bins per day), or about 500 bins per week. A commercial entity can have their bins serviced once a week, or several times per week. Fees for trucks are based on the number of services per week. As an example, if a frontload truck costs \$460,000 and a commercial customer’s bin is serviced three times a week, the fee for trucking is:

$$\text{Cost of Truck / Number of Pulls per Week} = \text{Commercial Truck Impact Fee per Weekly Pull}$$

$$\$460,000 \text{ (Truck Purchase Price) } / 500 \text{ (Pulls per Week)} = \$920.00 \text{ per weekly pull}$$

If this service is three times per week

$$\$920.00 \times 3 = \mathbf{\$2,760.00}$$

Commercial Bin, Box Assembly and Delivery Hourly Charges, The Cost of Bin, Box is Additional	
Truck & one worker	\$120.09 per hr.
Truck & two workers	\$ 203.27 per hr.
Truck & three workers	\$286.45 per hr.
Loading equipment (if required)	\$ 57.71 per hr.
<i>Minimum Charge ½ Hour</i>	

The total commercial impact fee is the cost of the truck, plus the cost of purchasing, assembling, and delivering the required cart/bin/box. The purchase price of the cart/bin/box is based on the market price at the time of the purchase. The cost of assembly and delivery of the cart/bin/box is based on the time required to perform the service at the rate associated with the adjacent table.

If a business changes its size of cart/bin/box, they will pay a fee based on the differential cost of the cart/bin/box. However, if the fee associated with the new cart/bin/box size is less than the fee associated with the customer’s current service level, the fees will not be refunded.

ATTACHMENT 1

If a business changes the number of times per week a cart/bin/box is serviced, they will pay the differential truck cost. However, if the fee associated with the new service frequency is less than the fee associated with the customer's current service level, the fees will not be refunded.

Currently the city has the following inventory of commercial trucks and replacement values.

City of Manteca, New Commercial Solid Waste Trucks & Replacement Values

Truck Type	Number of Trucks	Value per Truck	Total Value
Fork Truck	4	\$115,000	\$460,000
Container Repair	1	\$92,000	\$92,000
Front Loader	10	\$460,000	\$4,600,000
Roll Off	5	\$345,000	\$1,725,000
Rear Loader	1	\$460,000	\$460,000

TOTAL
\$7,337,000

The replacement/purchase value of commercial cart/bins/boxes is as follows.

City of Manteca, New Commercial Carts/Bins/Boxes & Replacement Values

Cart/Bin/Box	Number of Cart/Bin/Box	Value per Cart/Bin/Box	Total Value
Carts	214	\$108.00	\$23,112
1 YD. Bin	70	\$918.00	\$64,260
2 YD. Bin	180	\$1,123.00	\$202,140
3 YD. Bin	185	\$1,288.00	\$238,280
4 YD. Bin	239	\$1,500.00	\$358,500
6 YD. Bin	191	\$1,718.00	\$328,138
10YD. Roll Off	48	\$7,000.00	\$336,000
16YD. Roll Off	23	\$7,500.00	\$172,500
20YD. Roll Off	65	\$8,500.00	\$552,500
30YD. Roll Off	76	\$9,500.00	\$722,000
40YD. Roll Off	192	\$10,203.00	\$1,958,976

TOTAL **\$4,958,406**

The total commercial impact fee is summarized in the following equation:

$$\text{((Truck Purchase Price/500) * (Pulls per Week)) + (Cart/Bin Box Purchase Price) + ((Cart/Bin/Box Assembly Time) * (Rate)) + ((Delivery Time) * (Rate)) = Commercial Impact Fee}$$

Current commercial infrastructure replacement value:

Item	Value
Trucks	\$7,337,000
Carts/Bins/Boxes	\$4,958,406
TOTAL	\$12,295,406

Commercial Capital Improvement Project Budget

The total current inventory value of Manteca commercial solid waste vehicles and containers is \$12,295,406. Based on the **City of Manteca, 2015-2023 Housing Element** of the City of **Manteca General Plan** the city is expected to grow 2.18% per year. At the same time inflation is expected to be approximately 3% per year. The inventory value is therefore expected to increase 5.18% (3.0% + 2.18%) per year. The annual CIP budget is expected to be the 2.18% growth of the inventory value.

City of Manteca, Commercial Solid Waste Infrastructure Capital Improvement Project (CIP) Budget

Year/Item	Inventory Value	CIP Budget
2023	\$12,295,406	\$268,039
Trucks	\$7,337,000	
Carts/Bins/Boxes	\$4,958,406	
2024	\$12,940,349	\$282,099
Trucks	\$7,721,855	
Carts/Bins/Boxes	\$5,218,494	
2025	\$13,619,122	\$296,897
Trucks	\$8,126,897	
Carts/Bins/Boxes	\$5,492,225	
2026	\$14,333,499	\$312,470
Trucks	\$8,553,185	
Carts/Bins/Boxes	\$5,780,314	
2027	\$15,085,349	\$328,861
Trucks	\$9,001,834	
Carts/Bins/Boxes	\$6,083,514	

Mitigation Fee Act Findings: Government Code sections 66001 and 66016.5 require the City to make certain findings before adopting new impact fees. Those findings are set forth below.

Purpose: The purpose of the fee is to purchase new equipment needed to provide solid waste services to new development, including, but not limited to, solid waste, recycling, and organic materials carts/bins/boxes and collection vehicles.

Use of the Fee: The fee revenues will be used to purchase new equipment needed to provide solid waste services, including carts/bins/boxes and collection vehicles. The equipment that the City intends to acquire is set forth in the Residential and Commercial New Service Initiation Impact Fee CIPs.

Reasonable Relationship Between the Fee and Type of Development Project: There is a reasonable relationship between the use of the fee and the type of development project on which the fee is imposed because, as set forth in this study, residential and commercial development costs will only pay their proportionate share of costs related to the acquisition of new carts/bins/boxes and collection vehicles needed to serve that project.

Reasonable Relationship Between the Public Facilities to be Funded With the Fee Revenues and the Type of Development Project: There is a reasonable relationship between the need for new carts/bins/boxes and collection vehicles to serve new development and new residential and commercial projects because, as demonstrated in this study, every new development requires carts/bins/boxes and collection vehicles to receive solid waste services.

Government Code section 66016.5 requires the City to evaluate the existing and proposed new level of service whenever it increases an existing fee. Fees for residential and commercial are increasing due to inflation of commodities and labor. Also, the residential level of service is increasing 50% from current level with servicing of all three carts weekly, this results in a 50% increase in truck costs before inflation. As steel and resin (commodities) costs increase the cost of carts, bins, and boxes increase. As the cost of labor increases the cost of assembly and delivery increases. As costs increase, impact fees are adjusted accordingly.

APPENDIX K

**City of Manteca
Residential & Commercial
Solid Waste Price Sheets
2023 Through 2027**



CITY OF MANTECA

Solid Waste Price Sheet

Effective: Start of new rates through December 31, 2023

CARTS	SIZE	TYPE	RESIDENTIAL	COMMERCIAL	EXTRA
			CHARGE	CHARGE	DUMP
	95-GALLON	BASIC	\$47.41	\$47.41	\$50.00
	95-GALLON	Extra GREEN	\$20.00	\$20.00	\$50.00
	TWO 95 GAL	BASIC	\$64.69	\$64.69	\$50.00
	Senior Low-Income	BASIC	\$23.71		

Extra Collection Charges apply for the following:

- Extra Cart Dump Fee, Late Cart, etc.: **Residential \$50.00 / Commercial \$50.00 (95-Gallon Only)**
- Damaged Cart Replacement: \$80.00 + Time and Materials
- Residential Change-Out: Time and Materials
- Vacation Suspended Service: \$120.00
- Refrigerator /Freezer: \$50.00 + Time and Materials
- Extra bags (up to three 32-gallon kitchen size): \$50.58
- Computer Monitors, TV's, etc: if brought to the office FREE. Time and Materials if received at residents.
- All other will be charged on a Time and Material Basis.

Special Pick-Ups	
Truck & one worker	\$120.09 per hr.
Truck & two workers	\$ 203.27 per hr.
Truck & three workers	\$286.45 per hr.
Loading equipment (if required)	\$ 57.71 per hr.
<i>Minimum Charge ½ Hour</i>	

SHORT TERM BIN RENTAL GOOD FOR UP TO 14-DAYS RENTAL, PER DAY CHARGE AFTER

SIZE	DIMENSIONS	CHARGE	EXTRA DUMP FEE	PER DAY
2 Yd	6 X 2 ½ X 4	\$298.12	\$201.16	\$10.00
3 YD	6 X 3½ X 4	\$301.74	\$204.78	\$10.00
4 YD	6 X 4 X 4	\$305.36	\$208.40	\$10.00
6 YD	6 X 6 X 6	\$312.60	\$215.64	\$10.00

COMMERCIAL BIN (COLLECTION RATE) container size in cubic yards

SIZE	1 Time a Week	2 Times a Week	3 Times a Week	4 Times a Week	5 Times a Week	6 Times a Week	Extra Dump Return Trip
1 Yards	\$144.89	\$289.80	\$434.69				\$197.54
2 Yards	\$160.59	\$321.18	\$481.77	\$642.36	\$802.96		\$201.16
3 Yards	\$176.28	\$352.55	\$528.82	\$705.10	\$881.37		\$204.79
4 Yards	\$191.95	\$383.91	\$575.86	\$767.83	\$959.78	\$1,151.74	\$208.40
6 Yards	\$224.47	\$446.67	\$669.99	\$893.32	\$1,116.66	\$1,339.99	\$215.64

*For the return trip to pick up containers that were inaccessible due to a looked gate, door or similar reason, there shall be a Return Trip charge as shown in the table above.
Compactor Bins are charger 1.2 X standard rate.*

ROLL OFF BOX ** ALL ROLL OFF BOXES MUST PRE-PAY \$700.00 DEPOSIT **

SIZE	MONTHLY ON-CALL FEE	Pull Fee	Monthly on-call rate includes 2 pulls. Tip fees are additional	Pull fee includes box rental as long as the box is serviced once every two weeks. Additional day box rental \$50.00/Day
ALL	\$762.69	\$381.34		

For All Box Pulls, Tip Fee is Additional

COMMERCIAL FOOD WASTE

SIZE	1 Time a Week	2 Time a Week	3 Time a Week	4 Time a Week	5 Time a Week
95-Gallon, clean food	\$42.67	\$85.34	\$128.01	\$170.68	\$213.35
95-Gallon, dirty food	\$71.12	\$142.23	\$213.35	\$284.46	\$355.58
2-Yard, clean food	\$144.53	\$289.06	\$433.59	\$578.12	\$722.66
2-Yard, dirty food	\$240.89	\$481.77	\$722.66	\$963.54	\$1,204.43
Roll Off Box	Roll Off Box Pull Fee Plus Tip Fee: <u>Clean food waste will be charged 0.9X standard tip fee.</u> <u>Dirty food waste will be charged 1.5X standard tip fee.</u>				

***Manteca Solid Waste Division shall determine if food waste is clean or dirty.**



CITY OF MANTECA

Solid Waste Price Sheet

Effective: January 1, 2024 through December 31, 2024

CARTS	SIZE	TYPE	RESIDENTIAL	COMMERCIAL	EXTRA
			CHARGE	CHARGE	DUMP
	95-GALLON	BASIC	\$50.92	\$50.92	\$50.00
	95-GALLON	Extra GREEN	\$20.00	\$20.00	\$50.00
	TWO 95 GAL	BASIC	\$67.92	\$67.92	\$50.00
	Senior Low-Income	BASIC	\$25.46		

Extra Collection Charges apply for the following:

- Extra Cart Dump Fee, Late Cart, etc.: **Residential \$50.00 / Commercial \$50.00 (95-Gallon Only)**
- Damaged Cart Replacement: \$80.00 + Time and Materials
- Residential Change-Out: Time and Materials
- Vacation Suspended Service: \$120.00
- Refrigerator /Freezer: \$50.00 + Time and Materials
- Extra bags (up to three 32-gallon kitchen size): \$50.58
- Computer Monitors, TV's, etc: if brought to the office FREE. Time and Materials if received at residents.
- All other will be charged on a Time and Material Basis.

Special Pick-Ups	
Truck & one worker	\$126.09 per hr.
Truck & two workers	\$ 213.43 per hr.
Truck & three workers	\$300.77 per hr.
Loading equipment (if required)	\$ 60.59 per hr.
<i>Minimum Charge ½ Hour</i>	

SHORT TERM BIN RENTAL GOOD FOR UP TO 14-DAYS RENTAL, PER DAY CHARGE AFTER

SIZE	DIMENSIONS	CHARGE	EXTRA DUMP FEE	PER DAY
2 Yd	6 X 2 ½ X 4	\$330.61	\$223.08	\$10.00
3 YD	6 X 3½ X 4	\$334.63	\$227.10	\$10.00
4 YD	6 X 4 X 4	\$338.64	\$231.11	\$10.00
6 YD	6 X 6 X 6	\$346.68	\$239.12	\$10.00

COMMERCIAL BIN (COLLECTION RATE) container size in cubic yards

SIZE	1 Time a Week	2 Times a Week	3 Times a Week	4 Times a Week	5 Times a Week	6 Times a Week	Extra Dump Return Trip
1 Yards	\$160.69	\$321.39	\$482.08				\$219.07
2 Yards	\$178.10	\$356.19	\$534.29	\$712.38	\$890.48		\$223.08
3 Yards	\$195.49	\$390.98	\$586.46	\$781.95	\$977.44		\$227.11
4 Yards	\$212.87	\$425.76	\$638.63	\$851.52	\$1,064.39	\$1,277.28	\$231.11
6 Yards	\$248.94	\$495.35	\$743.02	\$990.70	\$1,238.37	\$1,486.05	\$239.14

For the return trip to pick up containers that were inaccessible due to a looked gate, door or similar reason, there shall be a Return Trip charge as shown in the table above.
Compactor Bins are charger 1.2 X standard rate.

ROLL OFF BOX ** ALL ROLL OFF BOXES MUST PRE-PAY \$700.00 DEPOSIT **

SIZE	MONTHLY ON-CALL FEE	Pull Fee	Monthly on-call rate includes 2 pulls. Tip fees are additional	Pull fee includes box rental as long as the box is serviced once every two weeks. Additional day box rental \$50.00/Day
ALL	\$845.82	\$422.91		

For All Box Pulls, Tip Fee is Additional

COMMERCIAL FOOD WASTE

SIZE	1 Time a Week	2 Time a Week	3 Time a Week	4 Time a Week	5 Time a Week
95-Gallon, clean food	\$45.83	\$91.66	\$137.48	\$183.31	\$229.14
95-Gallon, dirty food	\$76.38	\$152.76	\$229.14	\$305.52	\$381.90
2-Yard, clean food	\$160.28	\$320.57	\$480.85	\$641.14	\$801.42
2-Yard, dirty food	\$267.14	\$534.28	\$801.42	\$1,068.57	\$1,335.71
Roll Off Box	Roll Off Box Pull Fee Plus Tip Fee: <u>Clean food waste will be charged 0.9X standard tip fee.</u> <u>Dirty food waste will be charged 1.5X standard tip fee.</u>				

*Manteca Solid Waste Division shall determine if food waste is clean or dirty.



CITY OF MANTECA

Solid Waste Price Sheet

Effective: January 1, 2025 through December 31, 2025

CARTS	SIZE	TYPE	RESIDENTIAL	COMMERCIAL	EXTRA
			CHARGE	CHARGE	DUMP
	95-GALLON	BASIC	\$54.68	\$54.68	\$50.00
	95-GALLON	Extra GREEN	\$20.00	\$20.00	\$50.00
	TWO 95 GAL	BASIC	\$71.68	\$71.68	\$50.00
	Senior Low-Income	BASIC	\$27.34		

Extra Collection Charges apply for the following:

- Extra Cart Dump Fee, Late Cart, etc.: **Residential \$50.00 / Commercial \$50.00 (95-Gallon Only)**
- Damaged Cart Replacement: \$80.00 + Time and Materials
- Residential Change-Out: Time and Materials
- Vacation Suspended Service: \$120.00
- Refrigerator /Freezer: \$50.00 + Time and Materials
- Extra bags (up to three 32-gallon kitchen size): \$50.58
- Computer Monitors, TV's, etc: if brought to the office FREE. Time and Materials if received at residents.
- All other will be charged on a Time and Material Basis.

Special Pick-Ups	
Truck & one worker	\$132.39 per hr.
Truck & two workers	\$ 224.10 per hr.
Truck & three workers	\$315.81 per hr.
Loading equipment (if required)	\$ 63.62 per hr.
<i>Minimum Charge ½ Hour</i>	

SHORT TERM BIN RENTAL GOOD FOR UP TO 14-DAYS RENTAL, PER DAY CHARGE AFTER

SIZE	DIMENSIONS	CHARGE	EXTRA DUMP FEE	PER DAY
2 Yd	6 X 2 ½ X 4	\$366.65	\$247.40	\$10.00
3 YD	6 X 3½ X 4	\$371.10	\$251.85	\$10.00
4 YD	6 X 4 X 4	\$375.56	\$256.30	\$10.00
6 YD	6 X 6 X 6	\$384.46	\$265.21	\$10.00

COMMERCIAL BIN (COLLECTION RATE) container size in cubic yards

SIZE	1 Time a Week	2 Times a Week	3 Times a Week	4 Times a Week	5 Times a Week	6 Times a Week	Extra Dump Return Trip
1 Yards	\$178.20	\$356.42	\$534.62				\$241.25
2 Yards	\$197.51	\$395.02	\$592.52	\$790.03	\$987.54		\$245.68
3 Yards	\$216.80	\$433.60	\$650.38	\$867.18	\$1,083.98		\$251.86
4 Yards	\$236.08	\$472.17	\$708.25	\$944.34	\$1,180.41	\$1,416.50	\$256.30
6 Yards	\$276.07	\$549.35	\$824.01	\$1,098.68	\$1,373.36	\$1,648.03	\$265.21

*For the return trip to pick up containers that were inaccessible due to a locked gate, door or similar reason, there shall be a Return Trip charge as shown in the table above.
Compactor Bins are charged 1.2 X standard rate.*

ROLL OFF BOX ** ALL ROLL OFF BOXES MUST PRE-PAY \$700.00 DEPOSIT **

SIZE	MONTHLY ON-CALL FEE	Pull Fee	Monthly on-call rate includes 2 pulls. Tip fees are additional	Pull fee includes box rental as long as the box is serviced once every two weeks. Additional day box rental \$50.00/Day
ALL	\$938.01	\$469.01		

For All Box Pulls, Tip Fee is Additional

COMMERCIAL FOOD WASTE

SIZE	1 Time a Week	2 Time a Week	3 Time a Week	4 Time a Week	5 Time a Week
95-Gallon, clean food	\$49.21	\$98.42	\$147.64	\$196.85	\$246.06
95-Gallon, dirty food	\$82.02	\$164.04	\$246.06	\$328.08	\$410.10
2-Yard, clean food	\$177.76	\$355.51	\$533.27	\$711.02	\$888.78
2-Yard, dirty food	\$296.26	\$592.52	\$888.78	\$1,185.04	\$1,481.30
Roll Off Box	Roll Off Box Pull Fee Plus Tip Fee: <u>Clean food waste will be charged 0.9X standard tip fee.</u> <u>Dirty food waste will be charged 1.5X standard tip fee.</u>				

*Manteca Solid Waste Division shall determine if food waste is clean or dirty.



CITY OF MANTECA

Solid Waste Price Sheet

Effective: January 1, 2026 through December 31, 2026

CARTS	SIZE	TYPE	RESIDENTIAL	COMMERCIAL	EXTRA
			CHARGE	CHARGE	DUMP
	95-GALLON	BASIC	\$58.72	\$58.72	\$50.00
	95-GALLON	Extra GREEN	\$20.00	\$20.00	\$50.00
	TWO 95 GAL	BASIC	\$75.69	\$75.69	\$50.00
	Senior Low-Income	BASIC	\$29.36		

Extra Collection Charges apply for the following:

- Extra Cart Dump Fee, Late Cart, etc.: **Residential \$50.00 / Commercial \$50.00 (95-Gallon Only)**
- Damaged Cart Replacement: \$80.00 + Time and Materials
- Residential Change-Out: Time and Materials
- Vacation Suspended Service: \$120.00
- Refrigerator /Freezer: \$50.00 + Time and Materials
- Extra bags (up to three 32-gallon kitchen size): \$50.58
- Computer Monitors, TV's, etc: if brought to the office FREE. Time and Materials if received at residents.
- All other will be charged on a Time and Material Basis.

Special Pick-Ups	
Truck & one worker	\$139.00 per hr.
Truck & two workers	\$ 235.30 per hr.
Truck & three workers	\$331.60 per hr.
Loading equipment (if required)	\$ 66.80 per hr.
<i>Minimum Charge ½ Hour</i>	

SHORT TERM BIN RENTAL GOOD FOR UP TO 14-DAYS RENTAL, PER DAY CHARGE AFTER

SIZE	DIMENSIONS	CHARGE	EXTRA DUMP FEE	PER DAY
2 Yd	6 X 2 ½ X 4	\$406.62	\$274.36	\$10.00
3 YD	6 X 3½ X 4	\$411.55	\$279.30	\$10.00
4 YD	6 X 4 X 4	\$416.49	\$284.24	\$10.00
6 YD	6 X 6 X 6	\$426.37	\$294.12	\$10.00

COMMERCIAL BIN (COLLECTION RATE) container size in cubic yards

SIZE	1 Time a Week	2 Times a Week	3 Times a Week	4 Times a Week	5 Times a Week	6 Times a Week	Extra Dump Return Trip
1 Yards	\$197.63	\$395.27	\$592.90				\$269.43
2 Yards	\$219.04	\$438.07	\$657.11	\$876.15	\$1,095.18		\$274.36
3 Yards	\$240.43	\$480.86	\$721.28	\$961.71	\$1,202.14		\$279.32
4 Yards	\$261.81	\$523.63	\$785.44	\$1,047.27	\$1,309.08	\$1,570.90	\$284.24
6 Yards	\$306.16	\$609.23	\$913.83	\$1,218.44	\$1,523.05	\$1,827.67	\$294.12

For the return trip to pick up containers that were inaccessible due to a locked gate, door or similar reason, there shall be a Return Trip charge as shown in the table above.
Compactor Bins are charged 1.2 X standard rate.

ROLL OFF BOX ** ALL ROLL OFF BOXES MUST PRE-PAY \$700.00 DEPOSIT **

SIZE	MONTHLY ON-CALL FEE	Pull Fee	Monthly on-call rate includes 2 pulls. Tip fees are additional	Pull fee includes box rental as long as the box is serviced once every two weeks. Additional day box rental \$50.00/Day
ALL	\$1,040.26	\$520.13		

For All Box Pulls, Tip Fee is Additional

COMMERCIAL FOOD WASTE

SIZE	1 Time a Week	2 Time a Week	3 Time a Week	4 Time a Week	5 Time a Week
95-Gallon, clean food	\$52.85	\$105.70	\$158.54	\$211.39	\$264.24
95-Gallon, dirty food	\$88.08	\$176.16	\$264.24	\$352.32	\$440.40
2-Yard, clean food	\$197.13	\$394.26	\$591.39	\$788.53	\$985.66
2-Yard, dirty food	\$328.55	\$657.10	\$985.66	\$1,314.21	\$1,642.76
Roll Off Box	Roll Off Box Pull Fee Plus Tip Fee: <u>Clean food waste will be charged 0.9X standard tip fee.</u> <u>Dirty food waste will be charged 1.5X standard tip fee.</u>				

*Manteca Solid Waste Division shall determine if food waste is clean or dirty.



CITY OF MANTECA

Solid Waste Price Sheet

Effective: January 1, 2027 and Thereafter

CARTS	SIZE	TYPE	RESIDENTIAL	COMMERCIAL	EXTRA
			CHARGE	CHARGE	DUMP
	95-GALLON	BASIC	\$63.07	\$63.07	\$50.00
	95-GALLON	Extra GREEN	\$20.00	\$20.00	\$50.00
	TWO 95 GAL	BASIC	\$80.19	\$80.19	\$50.00
	Senior Low-Income	BASIC	\$31.53		

Extra Collection Charges apply for the following:

- Extra Cart Dump Fee, Late Cart, etc.: **Residential \$50.00 / Commercial \$50.00 (95-Gallon Only)**
- Damaged Cart Replacement: \$80.00 + Time and Materials
- Residential Change-Out: Time and Materials
- Vacation Suspended Service: \$120.00
- Refrigerator /Freezer: \$50.00 + Time and Materials
- Extra bags (up to three 32-gallon kitchen size): \$50.58
- Computer Monitors, TV's, etc: if brought to the office FREE. Time and Materials if received at residents.
- All other will be charged on a Time and Material Basis.

Special Pick-Ups	
Truck & one worker	\$145.95 per hr.
Truck & two workers	\$ 247.07 per hr.
Truck & three workers	\$348.18 per hr.
Loading equipment (if required)	\$ 70.14 per hr.
<i>Minimum Charge ½ Hour</i>	

SHORT TERM BIN RENTAL GOOD FOR UP TO 14-DAYS RENTAL, PER DAY CHARGE AFTER

SIZE	DIMENSIONS	CHARGE	EXTRA DUMP FEE	PER DAY
2 Yd	6 X 2 ½ X 4	\$450.94	\$304.27	\$10.00
3 YD	6 X 3½ X 4	\$456.41	\$309.75	\$10.00
4 YD	6 X 4 X 4	\$461.89	\$315.22	\$10.00
6 YD	6 X 6 X 6	\$472.84	\$326.18	\$10.00

COMMERCIAL BIN (COLLECTION RATE) container size in cubic yards

SIZE	1 Time a Week	2 Times a Week	3 Times a Week	4 Times a Week	5 Times a Week	6 Times a Week	Extra Dump Return Trip
1 Yards	\$219.17	\$438.35	\$657.52				\$298.79
2 Yards	\$242.91	\$485.82	\$728.73	\$971.65	\$1,214.56		\$304.27
3 Yards	\$266.64	\$533.28	\$799.90	\$1,066.53	\$1,333.17		\$309.76
4 Yards	\$290.35	\$580.71	\$871.06	\$1,161.42	\$1,451.77	\$1,742.13	\$315.22
6 Yards	\$339.53	\$675.63	\$1,013.43	\$1,351.25	\$1,689.07	\$2,026.88	\$326.18

*For the return trip to pick up containers that were inaccessible due to a locked gate, door or similar reason, there shall be a Return Trip charge as shown in the table above.
Compactor Bins are charger 1.2 X standard rate.*

ROLL OFF BOX ** ALL ROLL OFF BOXES MUST PRE-PAY \$700.00 DEPOSIT **

SIZE	MONTHLY ON-CALL FEE	Pull Fee	Monthly on-call rate includes 2 pulls. Tip fees are additional	Pull fee includes box rental as long as the box is serviced once every two weeks. Additional day box rental \$50.00/Day
ALL	\$1,153.65	\$576.82		

For All Box Pulls, Tip Fee is Additional

COMMERCIAL FOOD WASTE

SIZE	1 Time a Week	2 Time a Week	3 Time a Week	4 Time a Week	5 Time a Week
95-Gallon, clean food	\$56.76	\$113.53	\$170.29	\$227.05	\$283.82
95-Gallon, dirty food	\$94.61	\$189.21	\$283.82	\$378.42	\$473.03
2-Yard, clean food	\$218.62	\$437.24	\$655.86	\$874.47	\$1,093.09
2-Yard, dirty food	\$364.36	\$728.73	\$1,093.09	\$1,457.46	\$1,821.82
Roll Off Box	Roll Off Box Pull Fee Plus Tip Fee: <u>Clean food waste will be charged 0.9X standard tip fee.</u> <u>Dirty food waste will be charged 1.5X standard tip fee.</u>				

***Manteca Solid Waste Division shall determine if food waste is clean or dirty.**

