



PROGRESS REPORT #2 - STUDY TO OFFER OPTIONAL SMALLER RESIDENTIAL SOLID WASTE BINS

Public Works Department

Mobility and Infrastructure Committee

June 13, 2024

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BACKGROUND

- January 11, 2024 - the Mobility and Infrastructure Committee received a progress report on staff's study to offer optional smaller residential solid waste bins.
- The Committee directed staff to continue working and return to the Committee in about six months with another report that includes:
 - Focus on financials and potential savings for residents.
 - Consider a pilot program of 64-gallon bins.
 - Feedback from Athens Services on their contamination observations in Riverside.



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CONSULTANT ANALYSIS

- R3 Consulting Group, Inc. analyzed financial impacts of implementing a 64-gallon bin size, and suggested pilot programs/alternatives for the City to consider
- R3 will present their report



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MODESTO SHARED SERVICE PROGRAM

- City of Modesto
 - Population 218,069
 - 57,000 residential solid waste accountholders
 - Offers three 90-gallon bins for monthly rate of \$56.01
- Since 1999, has offered a program for neighbors to share one set of solid waste services (trash, organics, recycling)
 - Limited to “next door neighbor” homes, multi-family (5 or more units, or commercial businesses)
 - Accounts must be in good standing
 - Does not supersede rental agreements
 - Only one customer is billed for service (“Party B”)



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MODESTO SHARED SERVICE PROGRAM

- Non-billed account ("Party A") applies to City requesting service cancelation and to share with Party B for one of the following reasons:
 - Total # of people residing in homes is less than 4
 - Not enough space for all containers
 - Financial hardship (income is less than \$24,000)
 - Commercial businesses next to each other
- Party B is billed by and pays the City
- Party A reimburses Party B
- Audited every 2 years
- Currently 94 participants



POTENTIAL BENEFITS OF PILOTING SHARED SERVICE PROGRAM

- Financial benefit to participants
- Mobile Home parks may have limited space for bins
- Seniors living alone and generate less trash



Solid Waste Rates through June 30, 2024		
Service Component	Rate	Potential Monthly Savings with Shared Service
Curbside/Disabled	\$34.72	\$17.36
Mobile Home / Apartment	\$19.81	\$9.91
Condo/Townhouse	\$21.42	\$10.71
Solid Waste Rates effective July 1, 2024 - June 30, 2025		
Service Component	Rate	Potential Monthly Savings with Shared Service
Curbside/Disabled	\$37.32	\$18.66
Mobile Home / Apartment	\$21.30	\$10.65
Condo/Townhouse	\$23.03	\$11.52
Solid Waste Rates effective July 1, 2025 - June 30, 2026		
Service Component	Rate	Potential Monthly Savings with Shared Service
Curbside/Disabled	\$39.75	\$19.88
Mobile Home / Apartment	\$22.68	\$11.34
Condo/Townhouse	\$24.53	\$12.27
Solid Waste Rates effective July 1, 2026 - June 30, 2027		
Service Component	Rate	Potential Monthly Savings with Shared Service
Curbside/Disabled	\$42.33	\$21.17
Mobile Home / Apartment	\$24.15	\$12.08
Condo/Townhouse	\$26.12	\$13.06
Solid Waste Rates effective July 1, 2027 - June 30, 2028		
Service Component	Rate	Potential Monthly Savings with Shared Service
Curbside/Disabled	\$45.08	\$22.54
Mobile Home / Apartment	\$25.72	\$12.86
Condo/Townhouse	\$27.82	\$13.91

ATHENS SERVICES CONTAMINATION OBSERVATIONS

- “Audit Team” conducts quarterly checks in Riverside
- Places notification tag on bin
- October 2023 observations by Audit Team spot checks:

	Observations	Contaminated	% Contaminated
Trash	5,366	10	0.2%
Recycling	1,594	14	0.9%
Organics	1,070	48	4.5%
Total	8,030	72	0.9%



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ATHENS SERVICES CONTAMINATION OBSERVATIONS

- Driver reports of contaminated commodities

	Organics Contaminated	Recycling Contaminated
October 2023	110	25
November 2023	147	23
December 2023	162	13
January 2024	185	21
February 2024	128	19
March 2024	157	24
Total	889	125



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WHY DOES CONTAMINATION MATTER?

Costs to process waste are incurred through tip fees at the Agua Mansa Materials Recovery Facility/Transfer Station (MRF)

- Trash - \$66.17/ton
- Residential recycling - \$73.17/ton
- Mixed Organics (bagged food + green waste) - \$105.40/ton

Not every instance of contamination results in contaminated loads

➤ Spot checks and driver observations are important



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WHY DOES CONTAMINATION MATTER?

- Contamination may mean some portion of the load is handled as trash
- Example:
 - A green waste truck delivers a 10-ton load to the MRF
 - Received and processed at the green waste tip fee of \$105.40 x 10 tons = \$1,054
 - Contamination is identified by the MRF
 - The spoiled 5 tons called “residue” is then transferred and processed as trash at the trash tip fee of \$66.17 x 5 tons = \$330.85
 - The total cost to the City for this single trash truck is now \$1,054 + \$330.85 = \$1,384.50



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 5 – High Performing Government

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



RECOMMENDATION

That the Mobility and Infrastructure Committee receive progress report #2 and provide feedback on offering optional smaller residential solid waste bins.

