



Solid Waste Program

Committee of the Whole Meeting: June 21, 2021

Kevin Kothe, P.E. , Director of Public Works





Multi-Family Properties and Low Income Fee

- The proposed \$50 per bucket charge (cost recovery) for bulk waste for all users should reduce or eliminate concerns with multi-family properties using City bulk waste services
- Staff does not recommend eliminating the Low Income Fee Discount

Air Curtain Burner Brush Disposal

- Council approved the following for brush disposal:
 - Obtain IEPA permit and implement air curtain burner disposal
 - Discontinue using a private vendor for brush disposal
 - Initial estimated cost: \$163,657
 - Additional estimated annual operating cost: \$8,785





Citizen Convenience Center Changes

- Codify restrictions on commercial vehicles and trailers to reduce or eliminate non-user abuse at the Citizen Convenience Center for bulk and brush
- Accept two free allowable vehicles (up to one bucket per vehicle per month) at the Citizen Convenience Center for bulk
- Require proof of a City homeowner permit to drop off remodeling debris
- Charge \$50 per bucket for more than two allowable vehicles (up to one bucket per vehicle per month) at the Citizen Convenience Center for bulk



Curbside Bulk Pickup

- Eliminate spring and fall curbside bulk pickup and remove request requirements from City Code (typically May and October)



Curbside Bulk and Brush Pickup

- Implement monthly bulk and brush pickup
- Use different collection areas for bulk and brush pickup than garbage and recycle
- Charge \$50 per bucket for curbside bulk pickup
- Disallow extreme demolitions
- Establish brush / limb pickup rules



Curbside Leaf Collection

Recommendations

- Require that leaves be placed in biodegradable bags (not provided by City) at the curb during peak leaf collection
- Set specific dates for peak leaf collection
- Suspend brush and bulk pickup during peak leaf collection
- Promote composting and mulching as an alternative to curbside collection
- Utilize a utility billing mailer, tagging, door hangers, and code enforcement to discourage placing loose leaves on the curb

Benefits

- Improves safety and efficiency
- Reduces gutter and inlet clogging
- Eliminates the need to purchase leaf vacuums
- Makes it easier for users to know when leaves should be set out
- Composting and mulching reduces amount of leaves at the curb
- Notifies users of the changes

Yard Bag Total Annual Cost and Average Cost Per Person

	Uncompressed Gallons	Uncompressed cu. yd.	Bags / Uncompressed cu. yd.	Bags / Compressed cu. yd.	Maximum Compressed cu. yd. Collected	Number of Bags	Cost per Bag	
Bagging Leaves								TOTAL
Total Annual Cost	30	0.15	7	28	7,000	196,000	\$0.50	\$98,000.00
Bagging Leaves	Total Bags	Est. Number of Customers	Avg. Bags per Customer	Cost per Bag				TOTAL
Avg. Cost per Person	196,000	23,115	8	\$0.50				\$4.00



Billing Audit and General Fund

- Perform periodic billing audits to ensure all users are billed for solid waste service
- Charge the following duties to the General Fund beginning in FY 23
 - Alley maintenance
 - Snow and Ice vehicles
 - Cleanup and abatement from administrative court findings
 - Storm cleanups

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	GRAND TOTAL
Annual Budget Deficit (Solid Waste Fund):							
Structural Deficit	\$0	\$1,024,000	\$1,024,000	\$1,024,000	\$1,024,000	\$1,024,000	\$5,120,000
Reserve Contribution	\$0	\$0	\$299,000	\$299,000	\$299,000	\$299,000	\$1,196,000
Total	\$0	\$1,024,000	\$1,323,000	\$1,323,000	\$1,323,000	\$1,323,000	\$6,316,000
1. Bulk Waste:							
1a. Spring and Fall Curbside Pickup	\$0	\$231,000	\$231,000	\$231,000	\$231,000	\$231,000	\$1,155,000
1b. Curbside Pickup Charges	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$675,000
1c. Citizen Convenience Center Roll-Offs	\$0	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$330,000
1d. Citizen Convenience Center Non-User Abuse	\$0	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$185,000
1e. Citizen Convenience Center Use Charges	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Total	\$0	\$474,000	\$474,000	\$474,000	\$474,000	\$474,000	\$2,370,000
2. Brush:							
2a. Air Burner Disposal	\$296,000	\$191,000	\$291,000	\$291,000	\$291,000	\$291,000	\$1,651,000
Total	\$296,000	\$191,000	\$291,000	\$291,000	\$291,000	\$291,000	\$1,651,000
3. Fall Leaves:							
3a. Curbside Collection	\$0	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$1,150,000
Total	\$0	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$1,150,000
4. Other Items:							
4a. Billing Audit	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000
4b. Alley Maintenance	\$0	\$0	\$162,000	\$162,000	\$162,000	\$162,000	\$648,000
4c. Snow and Ice Vehicles	\$0	\$0	\$111,000	\$111,000	\$111,000	\$111,000	\$444,000
4d. Storm Cleanup	\$0	\$267,000	\$267,000	\$267,000	\$267,000	\$267,000	\$52,000
4e. Cleanup/Abatement from Admin. Court	\$0	\$0	\$13,000	\$13,000	\$13,000	\$13,000	\$52,000
Total	\$0	\$271,000	\$557,000	\$557,000	\$557,000	\$557,000	\$2,499,000
Total Projected Budget Deficit Before Savings	\$0	\$1,024,000	\$1,323,000	\$1,323,000	\$1,323,000	\$1,323,000	\$6,316,000
Total Projected Savings	\$296,000	\$1,166,000	\$1,552,000	\$1,552,000	\$1,552,000	\$1,552,000	\$7,670,000
Projected Budget Surplus (+) / Deficit (-)	\$296,000	\$142,000	\$229,000	\$229,000	\$229,000	\$229,000	\$1,354,000



Questions / Discussion