SOLID WASTE MANAGEMENT

Department Description and Mission

The mission of the Solid Waste Management Department is to provide the city with integrated municipal waste management services designed to support environmental sustainability and economic development in all communities throughout Houston.

Short-Term Goals

- Reduce dependency on the General Fund by developing a more sustainable revenue system to support the programs within the Department.
- Reduce the citywide recycling contamination rate from 38% to 34%.
- Amend Refuse Disposal agreements to address maintenance concerns throughout aging transfer station facilities.
- Utilize available technology to improve service delivery to residents and customers within jurisdictional limits.
- Examine return on investment of fleet purchases to include "Lease to Purchase" options.
- Optimize Single Stream Recycling processing agreement to benefit operations.
- Develop departmental compensation evaluation proposal to adjust internal salary disparities to be more consistent with similar positions within Houston's and the solid waste industry market.
- Diversify the amenities offered in the Solid Waste Department to include industrial waste hauling and disposal services.

Long-Term Goals

- Utilize technological advancements to reduce carbon footprint of operations incorporating the use of vehicles powered by alternative fuel.
- Develop capital improvement plans to address facility conditions and working environments.
- Explore innovative ways to transition the Gasmer Site to support residential recycling operations.
- Address the City's mass solid waste disposal options by citing a new regional landfill.

Business Area Program Summary

Business Area: Solid Waste Management

Bus. Area No: 2100

Budget By Program (\$ in thousands):

Drogram	FY2023	Actual	FY2024 E	stimate	FY2025 E	Budget
Program	Revs	Exps	Revs	Exps	Revs	Exps
Administrative Services	2,819	13,320	5,983	12,405	6,150	11,072
Container Lease	4,767	2,267	4,771	4,130	4,835	4,949
Curbside Recycling Collections	308	7,395	0	7,698	0	6,645
Environmental Maintenance	0	26,856	0	27,270	0	27,831
Heavy Trash Collections	770	15,995	0	17,908	0	16,583
Illegal Dumping	0	0	0	0	0	1,205
Residential Drop-Off Collections	1,414	4,202	4,470	5,332	4,314	6,478
Residential Waste Collections	848	19,379	0	19,670	0	17,996
Sponsorships	282	3,204	0	3,712	0	3,171
Yard Waste Collection	348	9,133	0	9,227	0	7,495
Debt Service and Interfund Transfers	0	1,687	0	5,327	0	4,352
Total	11,556	103,438	15,224	112,679	15,299	107,777

FTEs by Program:

Рисаком	FY2023	Actual	FY2024	Estimate	FY2025	Budget
Program	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
Administrative Services	98.3	9.0	131.6	3.9	80.2	2.4
Container Lease	0.0	0.0	7.7	2.1	8.0	2.6
Curbside Recycling Collections	32.8	14.4	36.2	7.7	36.5	5.5
Environmental Maintenance	13.9	1.2	14.8	1.4	11.5	1.3
Heavy Trash Collections	80.3	17.3	69.2	24.0	90.7	14.1
Illegal Dumping	0.0	0.0	0.0	0.0	13.9	0.6
Residential Drop-Off Collections	34.1	6.8	30.3	6.3	48.4	4.3
Residential Waste Collections	80.6	38.9	73.2	26.8	88.1	18.4
Sponsorships	0.0	0.0	0.0	0.0	0.0	0.0
Yard Waste Collection	50.7	19.2	38.8	15.5	42.0	11.6
Debt Service and Interfund Transfers	0.0	0.0	0.0	0.0	0.0	0.0
Total:	390.7	106.8	401.8	87.7	419.3	60.8

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Administrative Services

Description:

Includes department leadership and daily activities performed in addition to operations administration, financial services, hiring, and other support services in alignment with the Mayor's priorities and City standards.

Goal:

Provide sustainable waste management services for a cleaner and greener City.

Mayor's Priority: Government that Works

(\$ in thousands)

	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	Revs	Exps	Revs	Exps	Revs	Exps
Container Lease Fund	0	574	0	0	0	0
General Fund	2,819	12,738	5,983	12,405	6,150	11,072
Recycling Revenue Fund	0	8	0	0	0	0
Total	2,819	13,320	5,983	12,405	6,150	11,072

Staffing:

	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
Container Lease Fund	5.0	1.9	0.0	0.0	0.0	0.0
General Fund	92.7	7.0	131.6	3.9	80.2	2.4
Recycling Revenue Fund	0.6	0.1	0.0	0.0	0.0	0.0
Total	98.3	9.0	131.6	3.9	80.2	2.4

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Expenditures Adopted Budget vs Actual Utilization	104%	98%	108%	98%
Revenues Adopted Budget vs. Actual Utilization	78%	100%	101%	100%

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Container Lease

Description:

Supports appropriate maintenance and purchasing of both black and green containers, replacing parts and tools, rolling stock, and personnel to support deliveries in the four solid waste operations quadrants.

Goal:

Provide a convenient and efficient means to contain and dispose of municipal solid waste and recyclables while generating a revenue stream to cover expenses.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY202	3 Actual	FY2024	Estimate	FY2028	Budget
	Revs	Exps	Revs	Exps	Revs	Exps
General Fund	0	-47	0	0	0	0
Container Lease Fund Total	4,767	2,314	4,771	4,130	4,835	4,949
	4,767	2,267	4,771	4,130	4,835	4,949

Staffing:

Found	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
Container Lease Fund	0.0	0.0	7.7	2.1	8.0	2.6
General Fund	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	7.7	2.1	8.0	2.6

Performance	FY2023	FY2024	FY2024	FY2025
	Actual	Target	Estimate	Target
Number of Days to Repair, Replace, and/or Provide New Container(s)	17	5	5	5

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Curbside Recycling Collections

Description:

Provides bi-weekly residential collection and disposal to more than 393,000 households within its service area.

Goal:

Increase collection tonnage, diversion rate, and reduce contamination rate of recyclable materials.

Mayor's Priority: Quality of Life

(\$ in thousands)

	FY2023	Actual	FY2024	Estimate	FY2025	Budget
Fund	Revs	Exps	Revs	Exps	Revs	Exps
General Fund	308	7,395	0	7,698	0	6,645

Staffing:

Fund	FY20:	23 Actual	FY2024	Estimate	FY202	5 Budget
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	32.8	14.4	36.2	7.7	36.5	5.5

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Increase Diversion Rate of Recyclable Materials	61%	67%	61%	67%
Increase On-Time Collection Rate	45%	68%	45%	68%
Reduce Citywide Recycling Contamination Rate	38%	34%	38%	34%

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Environmental Maintenance

Description:

Provides remediation services for spill clean-ups, property damage, and other miscellaneous support functions for all SWM divisions.

Goal:

Reduce environmental hazards by maximizing performance in response to mitigating spills.

Mayor's Priority: Infrastructure

(\$ in thousands)

Freed	FY2023	Actual	FY2024	Estimate	FY2025	Budget
Fund	Revs	Exps	Revs	Exps	Revs	Exps
General Fund	0	26,856	. 0	27,270	0	27,831

Staffing:

	FY20	23 Actual	FY2024	Estimate	FY202	5 Budget
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	13.9	1.2	14.8	1.4	11.5	1.3

Performance	FY2023	FY2024	FY2024	FY2025
	Actual	Target	Estimate	Target
Reduce Response Time (in minutes)	60	45	60	45

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Heavy Trash Collections

Description:

Provides bi-monthly curbside bulky waste collection to more than 393,000 households within its service area.

Goal:

Improve the on-time collection rate of bulky waste collection services to meet service demands.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	Revs	Exps	Revs	Exps	Revs	Exps
Container Lease Fund	0	95	0	0	0	0
General Fund	770	15,900	0	17,908	0	16,583
Total	770	15,995	0	17,908	0	16,583

Staffing:

	FY2023 Actual		FY2024	Estimate	FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
Container Lease Fund	1.0	0.1	0.0	0.0	0.0	0.0
General Fund	79.3	17.2	69.2	24.0	90.7	14.1
Total	80.3	17.3	69.2	24.0	90.7	14.1

Performance	FY2023	FY2024	FY2024	FY2025
	Actual	Target	Estimate	Target
Maintain Daily Routes Covered	27	42	27	27

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Illegal Dumping

Description:

The SWM Illegal Dumping Program, in accordance with "One Clean Houston" program, addresses illegal dumping, and focuses on three key areas of impact: Rapid clean-up, Better enforcement, and Prevention and education. This program takes action against the pervasive problem that negatively impacts the health, safety, and quality of many communities throughout the City of Houston.

Goal:

Prioritize and utilize mechanisms to enhance clean-up efforts and combats illegal dumping by third parties and reduce blight in distressed communities, as well as implement enhanced efforts to prevent and reduce illegal dumping by utilizing video surveillance and code enforcement officers to aggressively pursue violators and issue fines.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
	Revs Exps		Revs Exps		Revs Exps	
General Fund	0	0	0	0	0	1,205

Staffing:

Fund	0 00 00 00	23 Actual		Estimate		5 Budget
	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	0.0	0.0	0.0	0.0	13.9	0.6

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Average Days to Resolve Cases	14	10	14	10
Illegal Dumping Cases Investigated	N/A	N/A	9,189	19,776
Illegal Dumping Cases Resolved	4,370	5,500	5,830	5,830

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Residential Drop-Off Collections

Description:

Provides convenient drop-off collection sites at neighborhood depositories and recycling centers for Houston residents to properly dispose of waste, recyclables, and household hazardous waste.

Goal:

Provide an added convenience for residents to dispose of items in addition to their curbside collection schedule.

Mayor's Priority: Quality of Life

(\$ in thousands)

	FY2023	FY2023 Actual		FY2024 Estimate		Budget
Fund	Revs	Exps	Revs	Exps	Revs	Exps
General Fund	0	2,753	0	2,965	0	3,701
Recycling Revenue Fund	1,414	1,449	4,470	2,367	4,314	2,777
Total	1,414	4,202	4,470	5,332	4,314	6,478

Staffing:

	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	31.8	6.5	27.3	6.0	43.4	4.1
Recycling Revenue Fund	2.3	0.3	3.0	0.3	5.0	0.2
Total	34.1	6.8	30.3	6.3	48.4	4.3

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Decrease Average Wait Time to Dispose of Waste at Neighborhood Depositories (in minutes)	60	15	20	15
Maintain Accessibility and the Number of Operating Days at Neighborhood Depositories Sites and Recycling Centers	6	6	6	6

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Residential Waste Collections

Description:

Provides weekly residential household garbage collection services to more than 393,000 households within its service area.

Goal:

Ensure proper waste collection and disposal of non-hazardous solid waste in time.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
	Revs	Exps	Revs	Exps	Revs	Exps
General Fund	848	19,379	0	19,670	0	17,996

Staffing:

Fund	FY2023 Actual FTEs OT FTEs		FY2024 Estimate		FY2025 Budget	
	FIES	OIFIES	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	80.6	38.9	73.2	26.8	88.1	18.4

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Increase Quantity of Equipment to Accommodate for the City's Growth and Expansion	179	253	230	253
Maintain Number of Residential Routes	89	111	89	89

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Sponsorships

Description:

Provides qualifying Homeowner's Associations the opportunity to obtain waste collection services beyond those provided by the City through a waste contractor of their choice.

Goal:

Increase the number of Homeowner's Associations participating in the Sponsorship Program.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY202 Revs	3 Actual Exps	FY2024 Revs	Estimate Exps	FY2029 Revs	5 Budget Exps
General Fund	282	3,204	0	3,712	0	3,171
Recycling Revenue Fund	0	0	. 0	0	0	0
Total	282	3,204	0	3,712	0	3,171

Staffing:

	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
General Fund	0.0	0.0	0.0	0.0	0.0	0.0
Recycling Revenue Fund	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0

Performance	FY2023	FY2024	FY2024	FY2025
	Actual	Target	Estimate	Target
Maintain Number of Customers in Program	180	185	180	180

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Yard Waste Collection

Description:

Provides bi-monthly curbside yard waste collections and disposal services to more than 393,000 households within its service area.

Goal:

Divert grass clippings, leaves, and small branches from the landfill thereby reducing the cost of disposal while repurposing vegetative materials for mulching and composting.

Mayor's Priority: Quality of Life

(\$ in thousands)

Fund	FY202 Revs	3 Actual Exps	FY2024 Revs	Estimate Exps	FY2029 Revs	5 Budget Exps
Container Lease Fund	0	98	0	0	0	0
General Fund	348	9,035	0	9,227	0	7,495
Total	348	9,133	0	9,227	0	7,495

Staffing:

	FY2023 Actual		FY2024 Estimate		FY2025 Budget	
Fund	FTEs	OT FTEs	FTEs	OT FTEs	FTEs	OT FTEs
Container Lease Fund	1.0	0.1	0.0	0.0	0.0	0.0
General Fund	49.7	19.1	38.8	15.5	42.0	11.6
Total	50.7	19.2	38.8	15.5	42.0	11.6

Performance	FY2023 Actual	FY2024 Target	FY2024 Estimate	FY2025 Target
Maintain Daily Routes Covered	26	39	26	26
Maintain Yard Waste Diversion (in tonnage)	4,338	5,355	5,100	5,100

Business Area Program Detail

Business Area : Solid Waste Management

Bus Area No. : 2100

Debt Service and Interfund Transfers

Description:

Budget allocations included in this section reflect debt service payments and/or interfund transfers.

Goal:

To effectively manage debt service payments and interfund transfers.

Mayor's Priority: Government that Works

(\$ in thousands)

Fund	FY2023 Actual Revs Exps		FY2024 Estimate Revs Exps		FY2025 Budget Revs Exps	
General Fund	nevs 0	119	0	3,982	0	3,863
Recycling Revenue Fund	0	1,568	0	1,345	0	489
Total	0	1,687	0	5,327	0	4,352

Business Area Budget Summary

General Fund

Fund Name

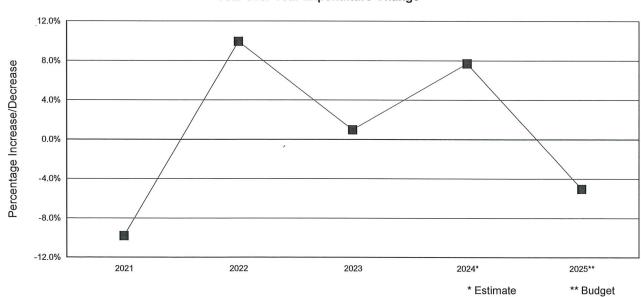
Business Area Solid Waste Management Fund No. /Bus. Area No. : 1000 / 2100 FY2023 FY2024 FY2024 FY2025 Actual **Current Budget Estimate Budget** Personnel Services 40,703,979 40,100,326 40,100,326 38,942,996 Supplies 514,238 580,902 565,866 639,678 Other Services and Charges 55,698,040 59,288,794 59,582,164 55,307,439 Equipment 2,900 678,494 678,494 678,944 Non-Capital Equipment 294,644 207,913 (70,421)130,090 Expenditures Total M & O Expenditures 97,213,801 100,856,429 100,856,429 95,699,147 Debt Service & Other Uses 118,501 3,981,745 3,981,745 3,863,244 **Total Expenditure** 97,332,302 104,838,174 104,838,174 99,562,391 Revenues 5,374,176

6,104,500 5,982,951 6,150,240 Full-Time Equivalents - Civilian 380.8 427.5 391.1 406.3 Full-Time Equivalents - Classified 0.0 0.0 0.0 0.0 Staffing Full-Time Equivalents - Cadets 0.0 0.0 0.0 0.0 406.3 Total 380.8 427.5 391.1 Full-Time Equivalents - Overtime 104.3 59.9 85.3 58.0

Significant Budget Changes and Highlights o The FY2025 Budget provides funding for health benefits and pension contributions.

 The FY2025 Budget reflects a transfer of 7 FTEs and related costs to HR Workers' Compensation Fund (Fund 1011) due to safety positions consolidations.

General Fund Solid Waste Management Year over Year Expenditure Change



Business Area Budget Summary

Full-Time Equivalents - Overtime

Fund Name Recycling Revenue Fund **Business Area** Solid Waste Management Fund No. /Bus. Area No. : 2305 / 2100 FY2023 FY2024 FY2024 FY2025 **Actual Current Budget Estimate Budget** Personnel Services 280,882 454,494 264,651 407,670 Supplies 9,999 18,723 18,448 18,428 Other Services and Charges 1,092,258 2,010,682 2,101,080 2,284,576 Equipment 6.777 6,777 Non-Capital Equipment 73,951 66,000 66,000 66,000 Expenditures Total M & O Expenditures 1,457,090 2,647,074 2,366,558 2,776,674 1,568,441 Debt Service & Other Uses 1,344,671 1,344,671 488,532 Total Expenditure 3,025,531 3,991,745 3,711,229 3,265,206 Revenues 1,414,290 4,306,244 4,469,834 4,313,644 Full-Time Equivalents - Civilian 2.9 5.0 3.0 5.0 Full-Time Equivalents - Classified 0.0 0.0 0.0 0.0 Staffing Full-Time Equivalents - Cadets 0.0 0.0 0.0 0.0 Total 2.9 5.0 3.0 5.0

Significant Budget Changes and Highlights o The FY2025 Budget provides funding for health benefits and pension contributions.

o Increased focus on educating and promoting the single stream recycling program and compostable bag program to the community to emphasize the importance of diverting valuable resources from the landfill, and promoting "cleaning up" recycling to maximize the value of materials collected.

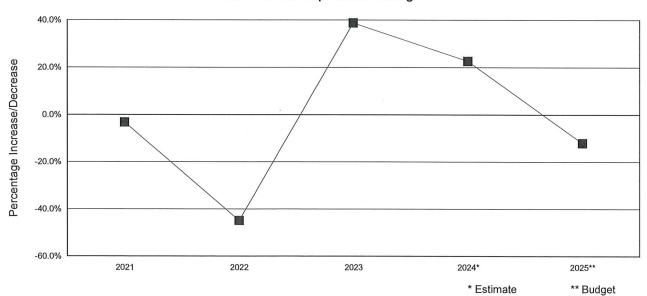
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0.2

0.3

0.2

Recycling Revenue Fund Solid Waste Management Year over Year Expenditure Change



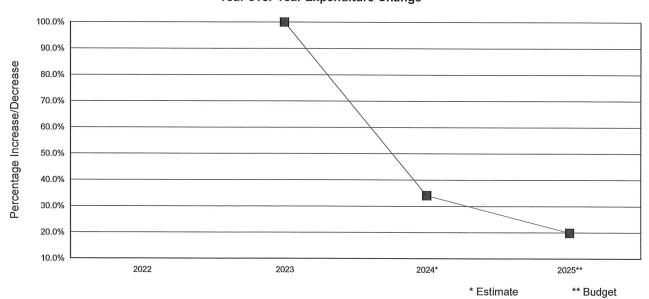
Business Area Budget Summary

Fund Name Business Are	: Container Lease Fund a : Solid Waste Managemer	nt			
Fund No. /Bus		FY2023 Actual	FY2024 Current Budget	FY2024 Estimate	FY2025 Budget
	Personnel Services	766,073	870,350	827,035	876,334
	Supplies	30,700	93,600	67,163	109,100
	Other Services and Charges	66,499	465,778	534,020	463,647
	Equipment	0	199,804	201,314	1,000,000
	Non-Capital Equipment	2,216,725	2,500,000	2,500,000	2,500,000
Expenditures	Total M & O Expenditures	3,079,997	4,129,532	4,129,532	4,949,081
	Debt Service & Other Uses	0	0	0	0
	Total Expenditure	3,079,997	4,129,532	4,129,532	4,949,081
Revenues		4,767,006	4,727,000	4,770,872	4,835,000
	Full-Time Equivalents - Civilian	7.0	7.8	7.7	8.0
Staffing	Full-Time Equivalents - Classified	0.0	0.0	0.0	0.0
Staffing	Full-Time Equivalents - Cadets	0.0	0.0	0.0	0.0
	Total	7.0	7.8	7.7	8.0
	Full-Time Equivalents - Overtime	2.1	2.6	2.1	2.6

Significant Budget Changes and Highlights

- o The FY2025 Budget provides funding for health benefits and pension contributions.
- o On November 8, 2022, Council approved Ordinance 2022-865, which amended Chapter 39 of the Code of Ordinances and established the Container Lease Fund. Once approved by Council, the fee was added to the City's fee schedule and is subject to the annual Consumer Price Index (CPI).
- o The FY2025 Budget includes funding for two sideloaders.

Container Lease Fund Solid Waste Management Year over Year Expenditure Change



Business Area Revenues Summary

Business Area

: Solid Waste Management

Business Area No. : 2100

Category	FY2023 Actual	FY2024 Current Budget	FY2024 Estimate	FY2025 Budget
Charges for Services	7,738,452	7,774,000	7,795,417	7,891,000
Direct Interfund Services	0	0	422,451	422,451
Interest	137,108	115,000	158,872	115,000
Licenses and Permits	2,300,223	2,862,000	2,318,000	2,617,000
Miscellaneous/Other	1,368,884	523,000	665,173	389,689
Other Fines and Forfeits	24	500	500	500
Other Resources	10,781	3,863,244	3,863,244	3,863,244
Grand Total	11,555,472	15,137,744	15,223,657	15,298,884