Sewer Utility

Agency Overview

Agency Mission

The mission of the Sewer Utility is to provide waste water collection for the City of Madison.

Agency Overview

The Agency oversees the collection, conveyance, and treatment of City wastewater. The Sewer Utility transfers the wastewater via design, construction, and maintenance of the sewer and lift station system throughout the City.

Budget Service Changes

As part of the 2025 budget process, all agencies evaluated the budget service structure and had the opportunity to propose updates to services. The Sewer Utility's 2025 budget service structure is the same as the 2024 budget. Since there were no changes, the budget does show a full history at the service level. The budget includes the following services:

- o Sewer Engineering and Administration
- Sewer Operations

2025 Budget Highlights

Agency-Wide Changes

- o Anticipates a 6.5% rate increase (\$3.7 million) primarily due to increased Madison Metropolitan Sewerage District (MMSD) charges and debt service for capital projects. The anticipated 6.5% rate increase will add approximately \$2.28 per month for the average customer. The average customer bill will be \$448.60 annually (\$37.38 monthly) up from \$421.24 (\$35.10 monthly) in 2024.
- o The Sewer Utility is a partner in the Madison Customer Assistance Program (MadCAP), and the goal of this program is to help reduce utility rates for residents with lower incomes. The Sewer Utility will continue to draw awareness to this program in 2025 in hopes to reach as many eligible residents as possible.
- o Beginning in 2025, Engineering Division agencies (Engineering, Landfill, Sewer Utility, Stormwater Utility) positions are reflected in the Engineering Division position page. The Engineering Division allocates employees across all four agencies. This change is designed to simplify position pages and better reflect how the Engineering Division allocates FTEs.

Service: Sewer Engineering and Administration

o Reflects an estimated \$1.3 million increase in debt service to reflect higher Principal (\$910,000) and Interest (\$410,000) due to Sewer's Revenue Bond sale. This estimate will be updated after the Revenue Bond sale occurs in December 2024.

Service: Sewer Operations

- o Reflects a \$2.9 million increase in Purchased Services due to projected increased from the MMSD for sewerage treatment charges and lift station maintenance charges.
- o Reflects a \$79,500 increase in Purchased Services for a contract with SEWERAI to use artificial intelligence for automated defect recognition analysis of televised pipe inspections.

Budget Overview

Agency Budget by Fund

Fund	2023 Actual	2	2024 Adopted	2024 Projected	2025 Request	2025	Executive
Sewer Utility	61,532,07	9	59,056,110	56,761,502	63,020,990		63,020,990
Total	\$ 61,532,07	9 \$	59,056,110	\$ 56,761,502	\$ 63,020,990	\$	63,020,990

Agency Budget by Service

Service	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
Sewer Engineering And Admin	24,218,995	17,901,737	15,221,763	18,731,167	18,651,455
Sewer Operations	37,313,084	41,154,372	41,539,739	44,289,823	44,369,535
	\$ 61,532,079	\$ 59.056.110	\$ 56.761.502	\$ 63,020,990	\$ 63.020.990

Agency Budget by Major-Revenue

Major Revenue	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
Intergov Revenues	(11,216)	-	-	-	-
Charges For Services	(55,414,261)	(57,313,410)	(54,500,092)	(61,011,490)	(61,011,490)
Licenses And Permits	(21,919)	(12,700)	(23,015)	(19,500)	(19,500)
Fine Forfeiture Asmt	53,896	(780,000)	(816,920)	(790,000)	(790,000)
Invest Other Contrib	(1,675,252)	(900,000)	(1,371,474)	(1,150,000)	(1,150,000)
Misc Revenue	(9)	-	-	-	-
Other Finance Source	(4,428,424)	(50,000)	(50,000)	(50,000)	(50,000)
Transfer In	(34,893)	-	-	-	-
Total	\$ (61,532,079)	\$ (59,056,110)	\$ (56,761,502)	\$ (63,020,990)	\$ (63,020,990)

Agency Budget by Major-Expense

365

Major Expense	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
Salaries	3,096,513	3,735,057	3,548,775	3,828,025	3,959,484
Benefits	1,357,231	1,661,485	1,503,669	1,672,452	1,766,287
Supplies	324,716	375,500	381,507	380,500	380,500
Purchased Services	35,356,761	37,757,740	38,018,168	40,765,273	40,765,273
Debt Othr Financing	18,605,745	11,574,298	9,357,353	12,548,803	12,345,939
Inter Depart Charges	3,034,553	3,409,830	3,409,830	3,320,937	3,298,507
Inter Depart Billing	(408,053)	(495,000)	(495,000)	(495,000)	(495,000)
Transfer Out	164,614	1,037,200	1,037,200	1,000,000	1,000,000
Total	\$ 61,532,079	\$ 59,056,110	\$ 56,761,502	\$ 63,020,990	\$ 63,020,990

Service Overview

Service: Sewer Engineering And Admin

Service Description

This service is responsible for the inspection, planning, design, evaluation, and construction of the City's sanitary sewer collection system. The sanitary sewer collection system includes 813 miles of sewer main, 33 lift stations, and approximately 22,000 sanitary sewer access structures. The Sanitary Sewer Utility reviews and inspects permits related to sanitary sewer system excavation and plugging. The Sanitary Sewer Utility also collects sewer area connection fees as well as impact fees related to municipal sewer improvements The Sanitary Sewer Utility also administers the billing for both restaurant properties and industrial properties, which produce higher strength wastewater and are therefore customers paying higher rates. The Sanitary Sewer Utility consistently implements measures to reduce inflow and infiltration (I&I); one of these measures is lining of approximately 9 miles of sanitary sewer per year. The Sanitary Sewer Utility also completes all regulatory reporting requirements with City's Capacity, Management, Operation and Maintenance (CMOM) for the Wisconsin Department of Natural Resources (WDNR).

Activities Performed by this Service

- Utility Management & Administration: Plan, direct, and implement sanitary sewer infrastructure design, construction, operations, and maintenance. Oversee Utility administrative and technical activities.
- Sewer Design: Planning, technical design, preparation of construction plans and specifications, and project management for new, replacement, or rehabilitation of aging sanitary sewer infrastructure.
- · Construction Inspection: Ensure sanitary sewer construction complies with plans and specifications for Public Works projects.
- · GIS: Create and maintain sanitary sewer infrastructure assets in GIS for asset and work order management.

Service Budget by Fund

	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
General	-	-	-	=	-
Other-Expenditures	24,218,995	17,901,737	15,221,763	18,731,167	18,651,455
Total	24,218,995	17,901,737	15,221,763 \$	18,731,167 \$	18,651,455

Service Budget by Account Type

	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
Revenue	(21,277,137)	(18,008,886)	(17,629,611)	(18,731,167)	(18,651,455)
Personnel	1,583,187	2,265,691	1,901,390	2,266,056	2,411,639
Non-Personnel	20,346,103	13,076,526	10,760,853	14,003,419	13,800,555
Agency Charges	2,289,705	2,559,520	2,559,520	2,461,692	2,439,262
Total	2.941.858	(107.148)	(2.407.849) \$	- Ś	-

Service Overview

Service: Sewer Operations

Service Description

This service is responsible for the operation and maintenance of the City's sanitary sewer system, which consists of 813 miles of sewer main and approximately 22,000 sanitary sewer access structures. This system is supported by 33 lift stations and transports 23 million gallons of raw sewage per day from Madison homes and businesses to the Nine Springs Wastewater Treatment Plant (WWTP).

Activities Performed by this Service

- Preventative Maintenance: Scheduled sewer main cleaning to maintain existing system functionality and eliminate preventable sewer main backups.
- · Repair: Pipe and structure repairs to maintain existing system functionality, reduce inflow and infiltration, and extend useful life.
- Inspection & Condition Assessment: Internal pipeline and structure inspection to assess condition and develop asset condition rating score.
- Trenchless Rehab: Provide onsite inspection of trenchless rehab projects.
- Flow Monitoring & Sampling Perform flow monitoring, testing, and sampling to support capacity and determine billing rates.
- Utility Locating and Marking: Respond to Diggers Hotline requests to locate and mark underground sanitary sewer utilities to prevent damage during excavation.
- Contracted Services: Provide sewer cleaning and inspection services for other City agencies and external customers.
- · Emergency Response: Respond to reports of sewer backups, sanitary sewer overflows, sewer gas odors, missing covers, etc.
- Public Response and Oversight: Respond to calls from residents reporting dead animals on roadsides or sinkholes, and inspect and oversee maintenance of public waste oil site.

Service Budget by Fund

	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
General	-	=	-	-	-
Other-Expenditures	37,313,084	41,154,372	41,539,739	44,289,823	44,369,535
Total	37,313,084	41,154,372	41,539,739	44,289,823	44,369,535

Service Budget by Account Type

	2023 Actual 2024 Adopted		2024 Projected	2025 Request	2025 Executive		
Revenue	(40,254,942)	(41,047,224)	(39,131,891)	(44,289,823)	(44,369,535)		
Personnel	2,870,556	3,130,851	3,151,054	3,234,421	3,314,133		
Non-Personnel	34,105,732	37,668,211	38,033,375	40,691,157	40,691,157		
Agency Charges	336,796	355,310	355,310	364,245	364,245		
Total	(2,941,858)	107,148	2,407,849 \$	- \$	-		

Line Item Detail

Agency Primary Fund: Sewer Utility

	2023 Actual	2	2024 Adopted		2024 Projected	:	2025 Request	202	5 Executive
Intergov Revenues									
Other Unit Of Gov Revenues Ca	(11,216)		_		_		-		_
Intergov Revenues Total	\$ (11,216) \$	\$	-	\$	- \$,	- \$		-
	, , , ,								
Charges For Services									
Miscellaneous Chrgs For Servic	(145,938)		(150,000)		(65,321)		(150,000)		(150,000)
Engineering Services	(78,765)		(65,000)		(65,000)		(71,500)		(71,500)
Sale Of Recyclables	(4,386)		(5,000)		(7,002)		(5,000)		(5,000)
Reimbursement Of Expense	(525,225)		(300,000)		(300,000)		(300,000)		(300,000)
Utility Fee	(12,040,079)		(11,383,000)		(12,085,660)		(12,122,900)		(12,122,900)
Customer Credits	35,337		-		26,240		-		-
Residential	(23,989,118)		(28,277,910)		(23,854,890)		(30,115,970)		(30,115,970)
Commercial	(10,603,196)		(9,431,500)		(10,416,710)		(10,044,550)		(10,044,550)
Industrial	(2,122,209)		(1,792,000)		(2,091,070)		(1,908,480)		(1,908,480)
Public Authorities	(5,940,682)		(5,909,000)		(5,640,680)		(6,293,090)		(6,293,090)
Charges For Services Total	\$ (55,414,261) \$	\$	(57,313,410)	\$	(54,500,092) \$	5	(61,011,490) \$		(61,011,490
Licenses And Permits									
Building Permits	(1,845)		(2,200)		(1,937)		(2,000)		(2,000)
Street Opening Permits	(2,600)		(3,000)		(2,730)		(2,500)		(2,500)
Other Permits	(17,474)		(7,500)		(18,348)		(15,000)		(15,000)
Licenses And Permits Total	\$ (21,919) \$	\$	(12,700)	\$	(23,015) \$	`	(19,500) \$		(19,500)
Spec Assessments Capital Late Fees	198,713 (144,817)		(650,000) (130,000)		(650,000) (166,920)		(650,000) (140,000)		(650,000 (140,000
Fine Forfeiture Asmt Total	\$ 53,896 \$	\$	(780,000)	\$	(816,920) \$	•	(790,000) \$		(790,000)
Invest Other Contrib									
Interest	 (1,675,252)		(900,000)		(1,371,474)		(1,150,000)		(1,150,000)
Invest Other Contrib Total	\$ (1,675,252) \$	<u> </u>	(900,000)	Ş	(1,371,474) \$	<u> </u>	(1,150,000) \$		(1,150,000)
Misc Revenue									
Miscellaneous Revenue	(9)		-		-		-		_
Misc Revenue Total	\$ (9) \$	\$	-	\$	- \$;	- \$		-
	• • • • • • • • • • • • • • • • • • • •						·		
Other Finance Source									
Sale Of Assets	(20,658)		(50,000)		(50,000)		(50,000)		(50,000)
Trade In Allowance	(129,296)		-		-		-		-
(Gain) Loss On Sale Of Asset	275,727		-		-		-		-
Capital Contributions	(4,554,198)		-		-		-		-
Other Finance Source Total	\$ (4,428,424) \$	\$	(50,000)	\$	(50,000) \$	\$	(50,000) \$		(50,000)
T									
Transfer In	(00.101)								
Transfer In From General	(33,191)		-		-		-		-
Transfer In From Insurance	 (1,702)		-	_					-
Transfer In Total	\$ (34,893) \$	5	-	\$	- \$	5	- \$		-

Line Item Detail

Agency Primary Fund: Sewer Utility

	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive	
Salaries						
Permanent Wages	2,839,678	3,375,454	3,175,644	3,473,815	3,605,27	
Salary Savings	-	(32,723)	-	(34,738)	(34,73	
Pending Personnel	-	10,031	-	1,103	1,10	
Premium Pay	16,911	11,240	12,983	16,790	16,7	
Workers Compensation Wages	79	-	-	-	-	
Compensated Absence	(22,745)	84,000	84,000	84,000	84,0	
Hourly Wages	12,274	27,005	12,888	27,005	27,0	
Overtime Wages Permanent	250,171	258,460	262,680	258,460	258,4	
Overtime Wages Hourly	144	1,590	151	1,590	1,5	
Election Officials Wages	-	-	430	-	-	
	\$ 3,096,513	\$ 3,735,057		\$ 3,828,025	\$ 3,959,4	
		· · ·			· · ·	
Benefits						
Comp Absence Escrow	44,893	100,000	-	100,000	100,0	
Health Insurance Benefit	544,037	583,154	576,358	585,065	658,8	
Wage Insurance Benefit	9,542	9,689	10,015	9,808	10,1	
WRS	215,380	252,319	232,095	259,535	270,4	
FICA Medicare Benefits	234,392	271,872	248,792	279,740	288,5	
Licenses & Certifications	443	500	173	500	5	
Post Employment Health Plans	36,418	38,952	31,235	32,805	32,8	
Other Post Emplymnt Benefit	(17,745)	155,000	155,000	155,000	155,0	
Pension Expense	289,871	250,000	250,000	250,000	250,0	
Benefits Total	\$ 1,357,231	\$ 1,661,485	\$ 1,503,669	\$ 1,672,452	\$ 1,766,2	
Supplies						
Office Supplies	2,711	6,000	3,330	6,000	6,0	
Copy Printing Supplies	3,079	6,000	1,967	6,000	6,0	
Furniture	-	1,000	1,000	1,000	1,0	
Hardware Supplies	7,270	10,000	91	10,000	10,0	
Software Lic & Supplies	989	1,000	1,000	1,000	1,0	
Postage	16,428	15,000	18,071	16,500	16,5	
Books & Subscriptions	30	500	500	500	5	
Work Supplies	175,781	195,000	238,737	195,000	195,0	
Safety Supplies	11,287	10,000	14,199	12,000	12,0	
Uniform Clothing Supplies	6,307	5,000	2,599	6,500	6,5	
Food And Beverage	319	-	480	-	-	
Building Supplies	-	5,000	5,000	5,000	5,0	
Landscaping Supplies	1,897	1,000	1,992	1,000	1,0	
Machinery And Equipment	171,340	20,000	20,000	20,000	20,0	
Equipment Supplies	58,875	100,000	72,542	100,000	100,0	
Contra Expense	(131,596)	-	-	-	-	
	\$ 324,716	\$ 375,500	\$ 381,507	\$ 380,500	\$ 380,5	

Line Item Detail

Agency Primary Fund: Sewer Utility

	2023 Actual	2024 Adopted	2024 Projected	2025 Request	2025 Executive
Purchased Services					
Natural Gas	13,263	20,252	13,926	15,450	15,4
Electricity	108,789	115,790	114,228	123,440	123,4
Water	32,530	50,880	34,157	41,100	41,1
Sewer	1,903	2,230	1,998	2,030	2,0
Stormwater	5,037	5,400	5,320	5,480	5,4
Telephone	1,042	1,015	1,072	1,314	1,3
Cellular Telephone	9,329	10,496	10,189	11,046	11,0
Building Improv Repair Maint	2,293	10,000	2,516	10,000	10,0
Waste Disposal	33,037,925	36,550,710	36,824,000	39,444,228	39,444,2
Facility Rental	· · · · -	· · · · -	228	· · · · -	
Custodial Bldg Use Charges	32,698	27,933	30,612	27,933	27,9
Landfill	2,047	3,500	2,150	3,500	3,
Equipment Mntc	40,647	50,000	33,044	64,000	64,
System & Software Mntc	41,774	78,267	80,020	81,528	81,
Vehicle Repair & Mntc	1,302	1,500	2,996	1,500	1,
Rental Of Equipment	· <u>-</u>	500	500	500	-
Street Mntc	135,682	175,000	150,925	175,000	175,
Plant In Service Mntc	1,691,416	360,000	399,537	360,000	360,
Recruitment	850	1,000	1,000	1,000	1,
Mileage	_	100	3	100	
Conferences & Training	6,606	15,000	15,000	27,500	27,
Memberships	1,363	1,477	1,477	1,464	1,
Uniform Laundry	4,963	5,000	4,792	5,000	5,i
Medical Services	3,114	2,800	2,800	3,200	3,:
Audit Services	4,200	4,350	4,300	4,450	4,
Credit Card Services	925	-	971	-	,
Delivery Freight Charges	323	1,000	1,000	1,000	1,0
Storage Services	1,352	960	375	960	
Consulting Services	67,318	25,000	101,500	95,000	95,0
Advertising Services	1,196	1,500	2,496	1,500	1,!
Inspection Services	1,200	600	202	1,200	1,:
Locating Marking Services	9,421	20,000	9,296	20,000	20,0
Lab Services	3,636	8,500	8,500	8,500	8,!
Parking Towing Services	210	500	173	500	
Program Services	15,754	100,000	38,940	100,000	100,0
Other Services & Expenses	51,292	35,300	53,857	54,000	54,0
Bad Debt Expense	13,553	45,000	45,000	45,000	45,0
Taxes & Special Assessments	5,954	13,680	6,570	14,350	14,3
Permits & Licenses	5,856	12,500	12,500	12,500	12,5
	•	•		•	\$ 40,765,2

Line Item Detail

Agency Primary Fund: Sewer Utility

		2023 Actual	2	024 Adopted		2024 Projected	2025 Request	20	025 Executive
Debt Othr Financing									
Principal		_		5,500,000		5,500,000	6,410,000		6,410,000
Interest		1,997,142		1,870,000		1,870,000	2,280,000		2,280,000
Interest SBITAS		776		-,-:,		1,962	-,,		-,===,===
Amortization		(445,167)		(445,170)		(445,170)	(445,170)		(445,170)
Paying Agent Services		2,750		3,000		3,000	3,500		3,500
Depreciation		3,313,176		-		-	-		-
SBITA Amortization		28,743		_		41,471	_		_
Contingent Reserve		13,708,325		4,646,468		2,386,090	4,300,473		4,097,609
Debt Othr Financing Total	\$		\$	11,574,298	\$		\$ 12,548,803	\$	12,345,939
Inter Depart Charges									
ID Charge From GF		38,138		39,417		39,417	37,677		37,677
ID Charge From Attorney		50,150		2,524		2,524	3,106		3,106
ID Charge From Civil Rights		4,273		7,311		7,311	5,950		5,950
ID Charge From Finance		116,633		99,135		99,135	89,417		89,417
ID Charge From Human Resour		5,124		19,370		19,370	13,843		13,843
ID Charge From Information Te		28,374		60,534		60,534	64,225		64,225
ID Charge From Mayor		7,718		12,838		12,838	10,001		10,001
ID Charge from EAP		1,079		1,928		1,928	1,181		1,181
ID Charge From Engineering		86,451		71,729		71,729	81,652		81,652
ID Charge From Fleet Services		370,372		361,883		361,883	378,831		365,754
ID Charge From Landfill		58,213		70,000		70,000	70,000		70,000
ID Charge From Traffic Eng		4,030		4,156		4,156	13,509		4,156
ID Charge From Insurance		75,859		96,368		96,368	117,047		117,047
ID Charge From Workers Comp		35,357		37,637		37,637	32,498		32,498
ID Charge From Stormwater		288,753		300,000		300,000	300,000		300,000
ID Charge From Water		1,914,179		2,225,000		2,225,000	2,102,000		2,102,000
Inter Depart Charges Total	\$		\$	3,409,830	\$	3,409,830	\$ 3,320,937	\$	3,298,507
	•	-,,	•	-,,	•	.,,	 	•	
Inter Depart Billing									
ID Billing To Engineering		(103,240)		(100,000)		(100,000)	(100,000)		(100,000)
ID Billing To Landfill		(20,408)		(20,000)		(20,000)	(20,000)		(20,000)
ID Billing To Stormwater		(284,405)		(375,000)		(375,000)	 (375,000)		(375,000)
Inter Depart Billing Total	\$	(408,053)	\$	(495,000)	\$	(495,000)	\$ (495,000)	\$	(495,000)
Transfer Out									
Transfer Out To Capital		316		1,037,200		1,037,200	1,000,000		1,000,000
Transfer Out To Water		164,298		<u>-</u>			<u>-</u>		
Transfer Out Total	\$	164,614	\$	1,037,200	\$	1,037,200	\$ 1,000,000	\$	1,000,000

Sewer **Function: Public Works** Position Summary 2024 Budget 2025 Budget Adopted Request Executive Classification CG FTEs FTEs **FTEs** Amount Amount Amount For all Engineering Division Agency positions (Engineering, Sewer Utility, Stormwater Utility, Landfill), please refer to the Engineering position page.

Salary amounts recorded on this page are for total budgeted salaries; this amount may differ from budgeted permanent wages as presented in the Line Item Detail due to payroll allocations to other funding sources (capital projects, grants, etc.) or inter-agency services are not reflected in this summary page.

2025 Executive Operating Budget City of Madison

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