

Stormwater Utility

Agency Overview

Agency Mission

The mission of the Stormwater Utility is to provide stormwater management services to the City of Madison with an equitable rate structure.

Agency Overview

The Agency is responsible for reducing flooding, improving the water quality of the lakes and waterways, and complying with the Wisconsin Pollutant Discharge Elimination System discharge permit. The goals of the agency include reducing the total suspended solids and total phosphorous within the City's stormwater runoff by working with neighboring municipalities, regulatory agencies, and public watershed organizations.

2024 Budget Highlights

Agency-Wide Changes

- Includes an anticipated 6% rate increase (\$1.1 million) primarily due to increased debt service for capital projects. Additionally, through the Watershed Studies, the Stormwater Utility will need to continue to make significant investments to the stormwater system to improve its resiliency. The anticipated 6% rate increase will add approximately \$0.70 per average customer.
- The Stormwater 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 Stormwater Utility will continue to draw awareness to this program in 2024 in hopes to reach as many eligible residents as possible.

Service: Stormwater Engineering and Administration

- Reduces Trade-In revenue by \$38,400 due to no longer participating in the Bobcat trade program.
- Reflects a \$341,300 increase in debt service due to borrowing for capital projects and a \$675,000 increase in reserves generated to reduce borrowing for capital projects.

Service: Stormwater Operations

- Budget maintains current level of service.

StormwaterFunction: **Public Works***Budget Overview*

Agency Budget by Fund

Fund	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Stormwater Utility	22,448,282	20,632,540	21,328,343	21,999,025	21,999,025
Total	\$ 22,448,282	\$ 20,632,540	\$ 21,328,343	\$ 21,999,025	\$ 21,999,025

Agency Budget by Service

Service	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Stormwater Engineering And Adm	19,092,550	16,239,869	17,372,644	17,413,812	17,420,096
Stormwater Operations	3,355,732	4,392,671	3,955,698	4,585,212	4,578,928
Total	\$ 22,448,282	\$ 20,632,540	\$ 21,328,343	\$ 21,999,025	\$ 21,999,025

Agency Budget by Major-Revenue

Major Revenue	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Intergov Revenues	(71,170)	-	(4,000)	-	-
Charges For Services	(18,822,447)	(19,749,380)	(20,138,129)	(20,881,985)	(20,881,985)
Licenses And Permits	(1,900)	(2,500)	(2,500)	(2,000)	(2,000)
Fine Forfeiture Asmt	(923,292)	(555,040)	(555,040)	(555,040)	(555,040)
Invest Other Contrib	(258,918)	(87,200)	(387,970)	(360,000)	(360,000)
Misc Revenue	(1,163)	-	-	-	-
Other Finance Source	(1,403,556)	(238,420)	(239,865)	(200,000)	(200,000)
Transfer In	(965,837)	-	(838)	-	-
Total	\$ (22,448,282)	\$ (20,632,540)	\$ (21,328,343)	\$ (21,999,025)	\$ (21,999,025)

Agency Budget by Major-Expense

Major Expense	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Salaries	3,032,028	3,878,607	3,127,249	4,252,900	4,198,867
Benefits	969,602	1,586,304	1,141,657	1,599,069	1,622,748
Supplies	284,599	451,220	398,112	398,200	398,200
Purchased Services	2,327,333	3,344,878	3,594,390	2,886,428	2,886,428
Debt Othr Financing	15,054,755	10,010,191	11,695,069	11,006,098	11,026,512
Inter Depart Charges	1,141,049	1,176,340	1,185,919	1,244,130	1,254,071
Inter Depart Billing	(408,926)	(420,000)	(420,000)	(425,000)	(425,000)
Transfer Out	47,843	605,000	605,947	1,037,200	1,037,200
Total	\$ 22,448,282	\$ 20,632,540	\$ 21,328,343	\$ 21,999,025	\$ 21,999,025

Stormwater

Function:

Public Works

*Service Overview***Service:** Stormwater Engineering And Adm*Service Description*

The Stormwater Utility Engineering and Admin provides services for planning, design, review, construction, and maintenance of the City's storm system. The storm system includes 500+ miles of storm sewer pipe and box culverts, 26,000+ inlets, 88 miles of open channels (both ditches and greenways), ~300 wet and dry detention ponds, and 600+ biofiltration devices and raingardens. Additionally, the storm system includes a number of additional treatment devices such as catchbasins, screen structures, pervious pavement, pervious sidewalks, proprietary stormwater quality devices, and also includes land management practices for 1,300 acres of land. The Stormwater Utility is responsible for compliance with the Wisconsin Pollutant Discharge Elimination System discharge permit and enforcement of the technical aspects of the City's Municipal General Ordinance, Chapter 37.

Activities Performed by this Service

- Flood Mitigation & Resiliency: Watershed study management including data collection, modeling, development, and prioritization of engineering solutions.
- Green infrastructure design, construction, management, and community engagement.
- Utility Management & Administration: Plan, direct, and implement storm water infrastructure design, construction, operations, and maintenance. Oversee Utility administrative and technical activities.
- Design: Planning, technical design, project management, and preparation of construction plans and specifications for replacement or rehabilitation of aging storm sewer infrastructure and implementation of flood mitigation solutions, including public engagement and outreach.
- Construction Inspection: Manage storm sewer construction of Public Works projects and public stormwater facilities of private development projects to ensure compliance with plans and specifications.
- GIS: Create and maintain stormwater infrastructure assets in GIS for asset and work order management and create and maintain data for stormwater billing, land management, green infrastructure tracking, permitting, analysis, public and internal web mapping applications and flood and water quality modeling.
- Permit Compliance: Manage and track the SWU requirements for compliance with the WPDE/ MS4 permit and provide report and modeling efforts.
- Private Development Review: Review and evaluate private stormwater permitting, design, and compliance with design, permitting and ordinance requirements.

Service Budget by Fund

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
General	-	-	-	-	-
Other-Expenditures	19,092,550	16,239,869	17,372,644	17,413,812	17,420,096
Total	\$ 19,092,550	\$ 16,239,869	\$ 17,372,644	\$ 17,413,812	\$ 17,420,096

Service Budget by Account Type

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Revenue	(18,678,189)	(16,304,841)	(18,478,740)	(17,413,812)	(17,413,812)
Personnel	2,038,198	2,835,468	1,982,243	3,022,991	2,998,921
Non-Personnel	16,721,840	13,186,331	15,173,217	14,104,961	14,125,375
Agency Charges	332,513	218,070	217,184	285,860	295,801
Total	\$ 414,362	\$ (64,972)	\$ (1,106,096)	\$ (0)	\$ 6,284

Stormwater

Function:

Public Works

*Service Overview***Service:** Stormwater Operations*Service Description*

This service is responsible for operating and maintaining Stormwater Utility system infrastructure of storm sewer system including 500+ miles of storm sewer pipe and box culverts, 26,000+ inlets, 88+ miles of open channels (both ditches and greenways), ~300 wet and dry detention ponds, 600+ biofiltration devices and raingardens, and cleaning, sediment and pollutant removal from the various treatment structures such as catchbasins, screen structures, proprietary stormwater quality devices, and maintenance and land management practices for 1,300 acres of land.

Activities Performed by this Service

- Storm Sewer Cleaning: Scheduled pipe and structure cleaning to maintain existing system capacity and prevent sediment and embedded pollutants from reaching surface waters.
- New Construction, Upgrades, and Retrofits: Construct new stormwater infrastructure to address local drainage issues, and upgrade and retrofit existing infrastructure to improve water quality.
- Storm Sewer Repair: Pipe and structure repair to maintain existing system functionality and extend useful life.
- Greenway & Pond Maintenance and Repair: Vegetation maintenance, including mowing, tree removal, smallscale dredging, cleaning and repair, and post-storm debris removal.
- Land Management: Maintain vegetation within distributed green infrastructure system including ponds, greenways, bioretention basins, and raingardens.
- Inspection and Condition Assessment: Internal pipe and structure inspection and condition assessment, dry weather inspections, and pond depth surveys.
- Utility Locating and Marking: Respond to Diggers Hotline requests to locate and mark underground stormwater utilities to prevent damage during excavation.
- Emergency Response: Respond to reports of flooding, spills, missing covers, and plugged inlets, and stock sandbag sites.

Service Budget by Fund

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
General	-	-	-	-	-
Other-Expenditures	3,355,732	4,392,671	3,955,698	4,585,212	4,578,928
Total	\$ 3,355,732	\$ 4,392,671	\$ 3,955,698	\$ 4,585,212	\$ 4,578,928

Service Budget by Account Type

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Revenue	(3,770,093)	(4,327,699)	(2,849,603)	(4,585,212)	(4,585,212)
Personnel	1,963,432	2,629,443	2,286,663	2,828,978	2,822,694
Non-Personnel	992,690	1,224,958	1,120,301	1,222,965	1,222,965
Agency Charges	399,610	538,270	548,735	533,270	533,270
Total	\$ (414,362)	\$ 64,972	\$ 1,106,096	\$ (0)	\$ (6,284)

Stormwater

Function:

Public Works

Line Item Detail

Agency Primary Fund: Stormwater Utility

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Intergov Revenues					
State Revenues Operating	(4,463)	-	(4,000)	-	-
Other Unit Of Gov Revenues Oj	(10,000)	-	-	-	-
Other Unit Of Gov Revenues Cc	(56,707)	-	-	-	-
Intergov Revenues Total	\$ (71,170)	\$ -	\$ (4,000)	\$ -	\$ -
Charges For Services					
Engineering Services	(1,745)	(2,000)	(2,000)	(2,000)	(2,000)
Sale Of Recyclables	(4,649)	(4,500)	(4,500)	(4,500)	(4,500)
Reimbursement Of Expense	(144,635)	(150,000)	(270,000)	(150,000)	(150,000)
Utility Fee	(1,730,438)	(1,675,132)	(844,919)	-	-
Erosion Control Fee	(115,883)	(150,000)	(106,107)	(120,000)	(120,000)
Customer Credits	160,499	-	1,962,058	-	-
Stormwater Mgmt Fee	(92,144)	(120,000)	(78,337)	(120,000)	(120,000)
Stormwater Only	(3,975,725)	(4,153,293)	(1,664,457)	-	-
Residential	(6,028,633)	(6,322,434)	(2,565,506)	-	-
Commercial	(5,032,034)	(5,310,416)	(2,193,617)	-	-
Industrial	(180,817)	(194,772)	(82,025)	-	-
Public Authorities	(1,676,241)	(1,666,833)	(930,366)	-	-
Stormwater Charges	-	-	(13,358,354)	(20,485,485)	(20,485,485)
Charges For Services Total	\$ (18,822,447)	\$ (19,749,380)	\$ (20,138,129)	\$ (20,881,985)	\$ (20,881,985)
Licenses And Permits					
Street Opening Permits	(1,900)	(2,500)	(2,500)	(2,000)	(2,000)
Licenses And Permits Total	\$ (1,900)	\$ (2,500)	\$ (2,500)	\$ (2,000)	\$ (2,000)
Fine Forfeiture Asmt					
Spec Assessments Capital	(870,709)	(500,000)	(500,000)	(500,000)	(500,000)
Late Fees	(52,582)	(55,040)	(55,040)	(55,040)	(55,040)
Fine Forfeiture Asmt Total	\$ (923,292)	\$ (555,040)	\$ (555,040)	\$ (555,040)	\$ (555,040)
Invest Other Contrib					
Interest	(258,918)	(87,200)	(387,970)	(360,000)	(360,000)
Invest Other Contrib Total	\$ (258,918)	\$ (87,200)	\$ (387,970)	\$ (360,000)	\$ (360,000)
Misc Revenue					
Lease Revenue	(975)	-	-	-	-
Miscellaneous Revenue	(188)	-	-	-	-
Misc Revenue Total	\$ (1,163)	\$ -	\$ -	\$ -	\$ -
Other Finance Source					
Sale Of Assets	(123,524)	(200,000)	(200,000)	(200,000)	(200,000)
Trade In Allowance	(27,000)	(38,420)	(39,865)	-	-
Cap Contr Municipal	(1,253,032)	-	-	-	-
Other Finance Source Total	\$ (1,403,556)	\$ (238,420)	\$ (239,865)	\$ (200,000)	\$ (200,000)

Stormwater

Function: Public Works

Line Item Detail

Agency Primary Fund: Stormwater Utility

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Transfer In					
Transfer In From Impact Fees	(205,205)	-	-	-	-
Transfer In From Tax Incremen	(760,632)	-	-	-	-
Transfer In From Insurance	-	-	(838)	-	-
Transfer In Total	\$ (965,837)	\$ -	\$ (838)	\$ -	\$ -
Salaries					
Permanent Wages	2,655,519	3,402,555	2,894,618	3,768,525	3,709,279
Salary Savings	-	(66,856)	-	-	-
Pending Personnel	-	70,776	-	14,995	20,208
Premium Pay	6,853	8,500	11,561	6,920	6,920
Workers Compensation Wages	9,819	-	18,564	-	-
Compensated Absence	146,035	103,000	4,936	103,000	103,000
Hourly Wages	62,446	108,132	23,079	106,960	106,960
Overtime Wages Permanent	150,139	250,000	173,532	250,000	250,000
Overtime Wages Hourly	222	2,500	1	2,500	2,500
Election Officials Wages	997	-	958	-	-
Salaries Total	\$ 3,032,028	\$ 3,878,607	\$ 3,127,249	\$ 4,252,900	\$ 4,198,867
Benefits					
Comp Absence Escrow	97,502	50,000	50,000	50,000	50,000
Health Insurance Benefit	451,193	582,373	530,163	538,495	569,595
Wage Insurance Benefit	10,647	11,100	10,734	11,103	10,520
WRS	186,743	254,654	211,774	280,532	280,214
FICA Medicare Benefits	215,240	279,900	229,660	309,229	302,710
Licenses & Certifications	334	250	558	350	350
Post Employment Health Plans	7,942	8,027	8,768	9,359	9,359
Other Post Emplmnt Benefit	-	100,000	100,000	100,000	100,000
Pension Expense	-	300,000	-	300,000	300,000
Benefits Total	\$ 969,602	\$ 1,586,304	\$ 1,141,657	\$ 1,599,069	\$ 1,622,748

Stormwater

Function:

Public Works

Line Item Detail

Agency Primary Fund: Stormwater Utility

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Supplies					
Office Supplies	2,236	5,000	3,046	5,000	5,000
Copy Printing Supplies	14,535	18,500	14,072	19,500	19,500
Furniture	302	2,500	2,500	1,000	1,000
Hardware Supplies	6,922	10,000	6,234	10,000	10,000
Software Lic & Supplies	624	5,000	2,373	5,000	5,000
Postage	69,637	85,500	73,127	69,900	69,900
Books & Subscriptions	31	500	500	500	500
Work Supplies	125,330	175,000	154,088	180,000	180,000
Safety Supplies	8,229	10,000	20,242	10,000	10,000
Uniform Clothing Supplies	3,590	4,500	4,124	4,500	4,500
Food And Beverage	91	2,000	2,000	500	500
Building Supplies	-	5,800	-	5,800	5,800
Landscaping Supplies	2,654	10,000	2,790	10,000	10,000
Trees Shrubs Plants	6,594	9,500	6,920	9,500	9,500
Machinery And Equipment	6,544	52,420	66,067	12,000	12,000
Equipment Supplies	37,279	55,000	40,027	55,000	55,000
Supplies Total	\$ 284,599	\$ 451,220	\$ 398,112	\$ 398,200	\$ 398,200

Stormwater

Function:

Public Works

Line Item Detail

Agency Primary Fund: Stormwater Utility

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Purchased Services					
Natural Gas	7,310	8,070	7,680	9,281	9,281
Electricity	19,176	20,170	20,130	21,179	21,179
Water	11,574	13,280	12,150	17,397	17,397
Sewer	506	540	530	610	610
Stormwater	158,833	177,980	157,380	167,700	167,700
Telephone	731	770	717	990	990
Cellular Telephone	8,151	8,879	8,742	10,346	10,346
Building Improv Repair Maint	906	6,800	1,309	5,000	5,000
Facility Rental	300	300	300	300	300
Custodial Bldg Use Charges	20,036	22,547	22,547	19,456	19,456
Landfill	18,865	30,000	19,810	30,000	30,000
Grounds Improv Repair Maint	32,975	35,000	35,000	35,000	35,000
Landscaping	-	70,000	37,520	70,000	70,000
Equipment Mntc	14,033	15,000	14,113	15,000	15,000
System & Software Mntc	110,542	150,441	123,254	115,740	115,740
Vehicle Repair & Mntc	542	1,000	1,587	1,000	1,000
Rental Of Equipment	45	-	-	-	-
Plant In Service Mntc	162,520	10,000	10,000	10,000	10,000
Recruitment	207	500	1,252	1,500	1,500
Mileage	16	1,500	-	500	500
Conferences & Training	12,231	12,000	12,000	15,000	15,000
Memberships	23,591	24,585	24,585	23,475	23,475
Uniform Laundry	2,802	3,100	2,310	3,100	3,100
Audit Services	3,400	3,500	3,500	3,625	3,625
Credit Card Services	76	-	-	-	-
Delivery Freight Charges	503	550	550	550	550
Storage Services	506	660	825	660	660
Consulting Services	626,287	1,130,776	1,557,713	1,128,670	1,128,670
Advertising Services	1,153	1,500	1,500	1,500	1,500
Engineering Services	-	8,000	-	7,500	7,500
Inspection Services	-	190	836	280	280
Locating Marking Services	6,383	7,190	7,972	10,000	10,000
Lab Services	3,048	1,000	2,436	6,500	6,500
Parking Towing Services	-	1,000	87	500	500
Program Services	-	42,000	42,000	42,000	42,000
Other Services & Expenses	788,501	808,000	728,894	797,150	797,150
Grants	15,861	5,000	7,286	15,000	15,000
Bad Debt Expense	42,912	15,000	15,000	50,000	50,000
Taxes & Special Assessments	204,242	675,550	680,377	217,420	217,420
Permits & Licenses	28,569	32,500	32,500	32,500	32,500
Purchased Services Total	\$ 2,327,333	\$ 3,344,878	\$ 3,594,390	\$ 2,886,428	\$ 2,886,428
Debt Othr Financing					
Principal	-	7,169,599	6,540,645	7,250,000	7,250,000
Interest	1,152,326	1,319,086	1,095,368	1,580,000	1,580,000
Contingent Reserve	13,902,429	1,521,506	4,059,056	2,176,098	2,196,512
Debt Othr Financing Total	\$ 15,054,755	\$ 10,010,191	\$ 11,695,069	\$ 11,006,098	\$ 11,026,512

Stormwater

Function:

Public Works

Line Item Detail

Agency Primary Fund: Stormwater Utility

	2022 Actual	2023 Adopted	2023 Projected	2024 Request	2024 Executive
Inter Depart Charges					
ID Charge From GF	413	413	413	413	439
ID Charge From Attorney	4,892	341	341	6,454	6,855
ID Charge From Civil Rights	7,569	3,016	3,016	6,403	6,799
ID Charge From Finance	128,296	99,533	99,533	78,744	83,623
ID Charge From Human Resour	12,544	3,617	3,617	16,961	18,014
ID Charge From Information Te	28,423	25,796	25,796	49,120	50,983
ID Charge From Mayor	13,137	5,448	5,448	11,242	11,940
ID Charge from EAP	1,586	762	762	1,688	1,793
ID Charge From Engineering	46,273	48,197	56,947	51,031	51,031
ID Charge From Fleet Services	158,358	175,786	175,786	177,754	178,274
ID Charge From Landfill	19,587	30,000	30,000	30,000	30,000
ID Charge From Traffic Eng	3,992	4,246	5,075	4,246	4,246
ID Charge From Community De	153,000	163,710	163,710	163,710	163,710
ID Charge From Insurance	26,211	7,809	7,809	38,456	38,456
ID Charge From Workers Comp	17,638	14,666	14,666	14,908	14,908
ID Charge From Sewer	278,468	375,000	375,000	375,000	375,000
ID Charge From Water	240,662	218,000	218,000	218,000	218,000
Inter Depart Charges Total	\$ 1,141,049	\$ 1,176,340	\$ 1,185,919	\$ 1,244,130	\$ 1,254,071
Inter Depart Billing					
ID Billing To Engineering	(67,959)	(75,000)	(75,000)	(75,000)	(75,000)
ID Billing To Landfill	(11,293)	(10,000)	(10,000)	(10,000)	(10,000)
ID Billing To Sewer	(265,886)	(300,000)	(300,000)	(300,000)	(300,000)
ID Billing To Transit	(63,788)	(35,000)	(35,000)	(40,000)	(40,000)
Inter Depart Billing Total	\$ (408,926)	\$ (420,000)	\$ (420,000)	\$ (425,000)	\$ (425,000)
Transfer Out					
Transfer Out To Capital	47,843	605,000	605,947	1,037,200	1,037,200
Transfer Out Total	\$ 47,843	\$ 605,000	\$ 605,947	\$ 1,037,200	\$ 1,037,200

Stormwater Utility

Function: Public Works

Position Summary

Classification	CG	2023 Budget Adopted		2024 Budget			
		FTEs	Amount	Request		Executive	
				FTEs	Amount	FTEs	Amount
CONSERVATION TECH-16	16	1.00	58,431	1.00	64,079	1.00	64,700
CONSTRUCT INSP 2-15	15	1.00	83,592	1.00	90,038	1.00	90,911
ENGINEER 1-18	18	1.00	64,984	-	-	-	-
ENGINEER 2-18	18	2.00	169,360	2.00	166,699	2.00	168,315
ENGINEER 4-18	18	1.00	94,715	1.00	111,032	1.00	112,108
ENGR OPR LDWKR 1-15	15	1.00	70,363	1.00	70,333	1.00	71,015
ENGR OPR LDWKR 3-15	15	1.00	61,429	1.00	65,576	1.00	66,212
ENGR PROG SPEC 2-16	16	1.00	93,350	1.00	99,652	1.00	100,618
PUB WKS DEV MGR 2-18	18	1.00	112,089	1.00	117,499	1.00	118,638
SSMO 2-15	15	2.00	133,562	2.00	123,043	2.00	124,236
SSMO 3-15	15	1.00	65,885	1.00	70,333	1.00	71,015
WATER RES SPEC 2-18	18	-	-	1.00	77,480	1.00	77,480
		13.00	\$1,007,761	13.00	\$1,055,763	13.00	\$1,065,247

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.