

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.

2020 Budget Highlights

The 2020 Executive Budget:

- Anticipates a 7% rate increase costs (approximately \$9.50 per year for an average residential customer).
- Continues funding for Watershed Studies to guide future capital investment in Citywide Flood Mitigation. (\$700,000)

Stormwater Utility

Function: Public Works & Transportation

Position Summary

	2019			Request		2020		Adopted	
	CG	FTEs	Amount	FTEs	Amount	FTEs	Amount	FTEs	Amount
CONSTRUCT INSP	15	1.00	75,575	1.00	75,792	1.00	78,857	-	-
ENGINEER	18	4.00	312,963	4.00	319,501	4.00	332,421	-	-
ENGR OPER LDWKR	15	3.00	188,169	3.00	189,923	3.00	197,602	-	-
ENGR PROG SPEC	16	1.00	84,966	1.00	84,640	1.00	88,062	-	-
PW DEV MGR	18	1.00	99,653	1.00	99,800	1.00	103,836	-	-
SSMO	15	5.00	273,014	5.00	275,693	5.00	286,840	-	-
TOTAL		15.00	\$ 1,034,340	15.00	\$ 1,045,349	15.00	\$ 1,087,618	-	\$ -

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.

Stormwater**Function:****Public Works & Transportation***Budget Overview*

Agency Budget by Fund

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Stormwater Utility	13,901,185	13,948,858	14,865,165	16,349,213	16,527,826
TOTAL	\$ 13,901,185	\$ 13,948,858	\$ 14,865,165	\$ 16,349,213	\$ 16,527,826

Agency Budget by Service

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Stormwater Engineering & Admin	10,469,515	10,452,446	10,891,635	12,807,128	12,637,805
Stormwater Operations	3,431,670	3,496,412	3,973,530	3,542,085	3,890,021
TOTAL	\$ 13,901,185	\$ 13,948,858	\$ 14,865,165	\$ 16,349,213	\$ 16,527,826

Agency Budget by Major-Revenue

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Intergov Revenues	(28,613)	(18,440)	(50,431)	(5,190)	(5,190)
Charges For Services	(12,877,587)	(13,496,778)	(14,369,865)	(15,918,383)	(16,040,026)
Licenses & Permits	(3,500)	(5,000)	(4,950)	(5,000)	(5,000)
Fine & Forfeiture	(683,265)	(198,000)	(196,020)	(190,000)	(190,000)
Investments & Other Contributions	(256,333)	(175,000)	(173,250)	(175,000)	(175,000)
Misc Revenue	(1,397)	(640)	(634)	(640)	(640)
Other Financing Source	(47,662)	(55,000)	(54,450)	(55,000)	(111,970)
Transfer In	(2,828)	-	(15,565)	-	-
TOTAL	\$ (13,901,185)	\$ (13,948,858)	\$ (14,865,165)	\$ (16,349,213)	\$ (16,527,826)

Agency Budget by Major-Expenses

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Salaries	2,864,629	3,112,255	2,888,496	3,247,250	3,360,805
Benefits	909,382	982,612	927,924	1,033,922	1,083,980
Supplies	493,614	401,640	442,487	523,630	523,630
Purchased Services	1,424,629	1,335,650	2,019,527	2,369,522	2,369,522
Debt & Other Financing	7,648,553	7,209,021	7,675,566	8,358,978	8,358,978
Inter Depart Charges	855,578	1,111,680	1,089,446	1,127,411	1,142,411
Inter Depart Billing	(305,201)	(321,500)	(295,780)	(321,500)	(321,500)
Transfer Out	10,000	117,500	117,500	10,000	10,000
TOTAL	\$ 13,901,185	\$ 13,948,858	\$ 14,865,165	\$ 16,349,213	\$ 16,527,826

Stormwater

Function: Public Works & Transportation

Service Overview

Service: Stormwater Engineering & Admin

Citywide Element: Effective Government

Service Description

The Stormwater Utility provides services for design, review, construction, and maintenance of a storm system including storm sewer pipe, open channel systems and ponds which are 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.

Major Budget Changes

- Assumes increased costs for debt service based on capital spending (\$965,000).
- Includes \$780,000 for Flood Studies, and increases postage by \$72,000 to cover flood study postcard mailing.

Activities Performed by this Service

- Utility Management & Administration: Plan, direct, and implement storm water infrastructure design, construction, operations, and maintenance. Oversee Utility administrative and technical activities.
- Flood Mitigation & Resiliency: Watershed study management including data collection, modeling, development, and prioritization of engineering solutions, as well as green infrastructure design and management and community engagement.
- Design – Reconstruction: Planning, design, and project management for replacement or rehabilitation of aging storm sewer infrastructure.
- Construction Inspection: Manage storm sewer construction of Public Works projects to ensure compliances with plans and specifications.
- GIS: Create and maintain stormwater infrastructure assets in GIS for asset and work order management, and create and maintain layer for billing and modeling.

Service Budget by Fund

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
General	-	-	-	-	-
Other-Expenditures	10,469,515	10,452,446	10,891,635	12,807,128	12,637,805
TOTAL	\$ 10,469,515	\$ 10,452,446	\$ 10,891,635	\$ 12,807,128	\$ 12,637,805

Service Budget by Account Type

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Revenue	(9,247,729)	(8,507,466)	(8,048,853)	(12,807,128)	(9,925,257)
Personnel	1,744,641	2,127,451	1,832,868	2,244,722	2,328,342
Non-Personnel	8,561,868	8,102,258	8,821,195	10,149,395	10,149,395
Agency Charges	163,007	222,737	237,572	413,011	160,068
TOTAL	\$ 1,221,786	\$ 1,944,980	\$ 2,842,782	\$ -	\$ 2,712,548

Service: Stormwater Operations

Citywide Element: Green and Resilient

Service Description

This service is responsible for the operation and maintenance of Stormwater Utility system infrastructure of storm sewer system including 500+ miles of pipe, 40,000+ structures and 1,300+ acres of stormwater management lands. The goal of the service is to maintain, repair, rehabilitate, and construct stormwater system infrastructure to reduce flooding while improving the water quality of our lakes and waterways.

Major Budget Changes

- Increases funding for USGS rain monitoring study to reflect updated cost estimates (\$163,000).

Stormwater

Function: Public Works & Transportation

Service Overview

Activities Performed by this Service

- Storm Sewer Cleaning: Scheduled pipe and structure cleaning to maintain existing system capacity and prevent sediment from reaching surface waters.
- Emergency Response: Respond to reports of flooding, spills, missing covers, and plugged inlets, and stock sandbag sites.
- 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.
- Utility Locating and Marking: Respond to Diggers Hotline requests to locate and mark underground stormwater utilities to prevent damage during excavation.
- Greenway & Pond Maintenance and Repair: Vegetation maintenance, including mowing, tree removal, small-scale dredging, cleaning and repair, and post-storm debris removal.
- Inspection and Condition Assessment: Internal pipe and structure inspection and condition assessment, dry weather inspections, and pond depth surveys.

Service Budget by Fund

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
General	-	-	-	-	-
Other-Expenditures	3,431,670	3,496,412	3,973,530	3,542,085	3,890,021
TOTAL	\$ 3,431,670	\$ 3,496,412	\$ 3,973,530	\$ 3,542,085	\$ 3,890,021

Service Budget by Account Type

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Revenue	(4,653,456)	(5,441,392)	(6,816,312)	(3,542,085)	(6,602,569)
Personnel	2,029,371	1,967,416	1,983,552	2,036,450	2,116,443
Non-Personnel	1,014,929	961,553	1,433,884	1,112,735	1,112,735
Agency Charges	387,370	567,443	556,094	392,900	660,843
TOTAL	\$ (1,221,786)	\$ (1,944,980)	\$ (2,842,783)	\$ -	\$ (2,712,548)

StormwaterFunction: **Public Works & Transportation***Line Item Detail*Agency Primary Fund: **Stormwater Utility**

Intergovernmental Revenue

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Federal Revenues Operating	(28,613)	(18,440)	(18,256)	(5,190)	(5,190)
State Revenues Operating	-	-	(7,425)	-	-
Other Unit Of Gov Rev Cap	-	-	(24,750)	-	-
TOTAL	\$ (28,613)	\$ (18,440)	\$ (50,431)	\$ (5,190)	\$ (5,190)

Charges for Service

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Engineering Services	(3,524)	(1,000)	(990)	(3,500)	(3,500)
Sale Of Recyclables	(5,734)	(2,500)	(2,475)	(2,500)	(2,500)
Reimbursement Of Expense	(102,890)	(225,000)	(232,650)	(100,000)	(100,000)
Utility Fee	(1,355,805)	(1,257,510)	(1,297,445)	(1,428,500)	(1,428,500)
Erosion Control Fee	(135,424)	(120,000)	(118,800)	(135,000)	(135,000)
Stormwater Mgmt Fee	(99,238)	(95,000)	(94,050)	(95,000)	(95,000)
Stormwater Only	(3,231,162)	(3,576,410)	(3,689,973)	(4,062,700)	(4,062,700)
Residential	(1,910,561)	(2,013,748)	(2,530,827)	(3,041,793)	(3,163,436)
Commercial	(4,436,642)	(4,283,060)	(4,419,063)	(4,865,430)	(4,865,430)
Industrial	(148,095)	(172,890)	(178,378)	(196,400)	(196,400)
Public Authorities	(1,448,513)	(1,749,660)	(1,805,216)	(1,987,560)	(1,987,560)
TOTAL	\$ (12,877,587)	\$ (13,496,778)	\$ (14,369,865)	\$ (15,918,383)	\$ (16,040,026)

Licenses & Permits

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Street Opening Permits	(3,500)	(5,000)	(4,950)	(5,000)	(5,000)
TOTAL	\$ (3,500)	\$ (5,000)	\$ (4,950)	\$ (5,000)	\$ (5,000)

Fine Forfeiture & Assessments

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Spec Assessments Capital	(646,124)	(150,000)	(148,500)	(150,000)	(150,000)
Late Fees	(37,141)	(48,000)	(47,520)	(40,000)	(40,000)
TOTAL	\$ (683,265)	\$ (198,000)	\$ (196,020)	\$ (190,000)	\$ (190,000)

Investments & Contributions

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Interest	(256,333)	(175,000)	(173,250)	(175,000)	(175,000)
TOTAL	\$ (256,333)	\$ (175,000)	\$ (173,250)	\$ (175,000)	\$ (175,000)

Misc Revenue

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Miscellaneous Revenue	(1,397)	(640)	(634)	(640)	(640)
TOTAL	\$ (1,397)	\$ (640)	\$ (634)	\$ (640)	\$ (640)

Other Finance Sources

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Sale Of Assets	(18,262)	(25,000)	(24,750)	(25,000)	(25,000)
Trade In Allowance	(29,400)	(30,000)	(29,700)	(30,000)	(30,000)
Fund Balance Applied	-	-	-	-	(56,970)
TOTAL	\$ (47,662)	\$ (55,000)	\$ (54,450)	\$ (55,000)	\$ (111,970)

Transfer In

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Transfer In From Insurance	(2,828)	-	(15,565)	-	-
TOTAL	\$ (2,828)	\$ -	\$ (15,565)	\$ -	\$ -

Stormwater**Function: Public Works & Transportation***Line Item Detail***Agency Primary Fund: Stormwater Utility**

Salaries

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Permanent Wages	2,369,986	2,667,447	2,388,608	2,808,220	2,921,775
Salary Savings	-	(46,310)	-	(46,310)	(46,310)
Pending Personnel	-	10,278	-	-	-
Premium Pay	7,558	7,000	11,149	10,500	10,500
Workers Compensation Wage	2,305	-	325	-	-
Compensated Absence	116,860	190,000	88,177	190,000	190,000
Hourly Wages	47,669	92,840	131,284	92,840	92,840
Overtime Wages Permanent	317,514	190,000	268,903	190,000	190,000
Overtime Wages Hourly	2,739	1,000	49	2,000	2,000
TOTAL	\$ 2,864,629	\$ 3,112,255	\$ 2,888,496	\$ 3,247,250	\$ 3,360,805

Benefits

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Comp Absence Escrow	-	25,000	25,000	50,000	50,000
Health Insurance Benefit	409,050	404,136	376,911	414,129	435,295
Wage Insurance Benefit	7,965	7,757	7,783	9,171	9,171
Health Insurance Retiree	-	4,887	-	4,887	4,887
WRS	182,303	184,190	176,453	193,766	207,058
FICA Medicare Benefits	211,621	218,046	206,265	222,725	238,325
Licenses & Certifications	67	500	200	500	500
Post Employment Health Plan	12,854	13,096	13,312	13,744	13,744
Other Post Emplmnt Benefit	20,721	25,000	22,000	25,000	25,000
Pension Expense	64,801	100,000	100,000	100,000	100,000
TOTAL	\$ 909,382	\$ 982,612	\$ 927,924	\$ 1,033,922	\$ 1,083,980

Supplies

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Office Supplies	2,849	5,000	3,399	5,000	5,000
Copy Printing Supplies	12,770	12,000	13,836	21,420	21,420
Furniture	1,125	2,500	1,500	2,500	2,500
Hardware Supplies	5,044	4,500	9,314	10,000	10,000
Software Lic & Supplies	12,794	29,040	10,000	13,000	13,000
Postage	26,753	37,500	35,155	99,080	99,080
Books & Subscriptions	-	1,500	200	1,500	1,500
Work Supplies	281,620	130,000	174,710	150,000	150,000
Safety Supplies	11,592	10,000	10,151	10,000	10,000
Uniform Clothing Supplies	2,209	3,000	5,578	3,000	3,000
Food And Beverage	1,718	100	100	2,000	2,000
Building Supplies	186	-	1,199	-	-
Landscaping Supplies	12,888	10,000	6,706	10,000	10,000
Trees Shrubs Plants	6,497	2,000	-	6,000	6,000
Fertilizers And Chemicals	710	1,000	-	1,000	1,000
Machinery And Equipment	77,591	103,500	133,580	139,130	139,130
Equipment Supplies	37,269	50,000	37,059	50,000	50,000
TOTAL	\$ 493,614	\$ 401,640	\$ 442,487	\$ 523,630	\$ 523,630

StormwaterFunction: **Public Works & Transportation***Line Item Detail*Agency Primary Fund: **Stormwater Utility**

Purchased Services

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Natural Gas	4,423	4,200	-	4,650	4,650
Electricity	19,464	22,900	11,503	15,850	15,850
Water	1,062	610	9,198	11,640	11,640
Sewer	545	520	465	520	520
Stormwater	119,703	125,760	127,217	145,260	145,260
Telephone	682	801	667	3,414	3,414
Cellular Telephone	2,972	3,330	4,887	7,804	7,804
Building Improv Repair Maint	7,729	4,000	11,443	4,000	4,000
Facility Rental	300	300	300	300	300
Custodial Bldg Use Charges	19,941	22,420	22,420	22,547	22,547
Landfill	17,647	30,000	13,418	20,000	20,000
Grounds Improv Repair Maint	69,727	15,000	16,795	25,000	25,000
Landscaping	52,961	55,000	39,007	40,000	40,000
Equipment Mntc	31,317	40,000	24,934	40,000	40,000
System & Software Mntc	44,878	78,694	102,293	108,614	108,614
Vehicle Repair & Mntc	40,465	44,400	40,454	44,400	44,400
Rental Of Equipment	6,451	5,000	4,819	5,000	5,000
Plant In Service Mntc	-	25,000	33,767	25,000	25,000
Recruitment	896	600	900	1,000	1,000
Mileage	4,615	5,500	4,700	5,500	5,500
Conferences & Training	6,433	12,500	6,673	10,000	10,000
Memberships	23,040	25,865	20,824	27,163	27,163
Uniform Laundry	2,747	3,100	2,533	3,100	3,100
Medical Services	-	750	600	750	750
Appraisal Services	2,900	-	-	-	-
Audit Services	3,000	4,720	3,000	5,000	5,000
Delivery Freight Charges	427	550	557	550	550
Storage Services	416	480	421	480	480
Consulting Services	155,143	28,000	248,701	816,200	816,200
Advertising Services	845	1,500	1,271	1,500	1,500
Engineering Services	1,319	5,000	9,081	5,000	5,000
Inspection Services	-	-	2,500	-	-
Surveying Services	5,470	-	-	-	-
Locating Marking Services	6,913	6,500	6,917	7,000	7,000
Lab Services	240	10,000	772	10,000	10,000
Parking Towing Services	2,903	550	4,055	5,000	5,000
Security Services	-	450	-	-	-
Other Services & Expenses	592,115	638,750	1,077,758	775,000	775,000
Taxes & Special Assessments	143,266	82,900	131,865	142,280	142,280
Permits & Licenses	31,676	30,000	32,813	30,000	30,000
TOTAL	\$ 1,424,629	\$ 1,335,650	\$ 2,019,527	\$ 2,369,522	\$ 2,369,522

Debt & Other Financing

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Principal	5,379,583	6,055,280	5,860,840	7,020,000	7,020,000
Interest	1,025,341	1,090,100	1,090,100	1,300,000	1,300,000
Fund Balance Generated	1,243,629	-	-	-	-
Contingent Reserve	-	63,641	724,626	38,978	38,978
TOTAL	\$ 7,648,553	\$ 7,209,021	\$ 7,675,566	\$ 8,358,978	\$ 8,358,978

StormwaterFunction: **Public Works & Transportation***Line Item Detail*Agency Primary Fund: **Stormwater Utility**

Inter-Departmental Charges

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
ID Charge From GF	-	387	379	387	16,465
ID Charge From Attorney	-	6,092	5,970	6,092	7,505
ID Charge From Clerk	-	565	554	565	388
ID Charge From Finance	-	75,997	74,477	77,822	102,804
ID Charge From Human Resou	-	4,840	4,743	4,840	4,062
ID Charge From Information T	18,900	28,166	27,603	28,166	15,956
ID Charge From Treasurer	-	1,825	1,789	-	-
ID Charge From Mayor	-	4,999	4,899	4,999	4,975
ID Charge From EAP	-	-	-	-	711
ID Charge From Public Health	1,724	-	-	-	-
ID Charge From Engineering	36,556	172,665	169,212	171,994	158,618
ID Charge From Fleet Services	89,760	116,677	114,343	80,910	80,910
ID Charge From Landfill	21,623	28,500	27,930	28,500	28,500
ID Charge From Traffic Eng	1,663	770	755	1,423	1,423
ID Charge From Community D	45,000	47,000	46,060	47,000	47,000
ID Charge From Econ Dev	-	1,619	1,587	1,619	-
ID Charge From Insurance	16,563	17,148	16,805	25,809	25,809
ID Charge From Workers Com	23,204	19,430	19,041	12,295	12,295
ID Charge From Sewer	335,040	285,000	279,300	335,000	335,000
ID Charge From Water	265,546	300,000	294,000	299,990	299,990
TOTAL	\$ 855,578	\$ 1,111,680	\$ 1,089,446	\$ 1,127,411	\$ 1,142,411

Inter-Departmental Billings

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
ID Billing To Engineering	(50,387)	(70,000)	(64,400)	(60,000)	(60,000)
ID Billing To Landfill	(11,279)	(11,500)	(10,580)	(11,500)	(11,500)
ID Billing To Sewer	(243,535)	(240,000)	(220,800)	(250,000)	(250,000)
TOTAL	\$ (305,201)	\$ (321,500)	\$ (295,780)	\$ (321,500)	\$ (321,500)

Transfer Out

	2018 Actual	2019 Adopted	2019 Projected	2020 Request	2020 Executive
Transfer Out To Capital	10,000	117,500	117,500	10,000	10,000
TOTAL	\$ 10,000	\$ 117,500	\$ 117,500	\$ 10,000	\$ 10,000