

# Stormwater Utility

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

### 2018 Budget Highlights

The 2018 Adopted Budget:

- Anticipates a 3% rate increase based on projected debt service costs.
- Reflects increased personnel costs based on allocating staff time to capital projects (\$353,000).
- Reflects increased consulting services costs for U.S. Geological Survey (USGS) studies (\$110,000).



# Stormwater Utility

Function: Public Works & Transportation

## Service Overview

### Service: Stormwater Engineering & Administration

#### Service Description

This service is responsible for the design and inspection of stormwater infrastructure construction, and the general administration of stormwater utility permits and records. The goal of this program is to centrally monitor the overall operations of the Stormwater Utility.

#### 2018 Planned Activities

- Implement expanded alternatives of vegetative design for Stormwater management areas throughout the City.
- Design and construct solutions to localized drainage issues.
- Expand partnerships with neighboring municipalities, regulatory agencies, and public watershed organizations.

#### Service Budget by Account Type

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Revenue	(13,413,242)	(10,767,358)	(9,810,121)	(10,877,274)	(10,966,759)	(10,966,759)
Expense	13,413,242	10,576,296	10,120,198	10,877,274	10,960,636	10,960,636
<b>Net Service Budget</b>	<b>\$ -</b>	<b>\$ (191,062)</b>	<b>\$ 310,077</b>	<b>\$ -</b>	<b>\$ (6,123)</b>	<b>\$ (6,123)</b>

### Service: Stormwater Operations

#### Service Description

This service is responsible for the operation and maintenance of Stormwater Utility system infrastructure of storm sewer mains, basins, and greenways. The goal of the service is to maintain, repair, rehabilitate, and construct the stormwater system infrastructure in accordance with design and improvements.

#### 2018 Planned Activities

- Implement scheduled mowing for stormwater management areas to eliminate woody growth and to control noxious weeds and invasive species.
- Construct drainage improvements to address local drainage issues throughout the City.
- Implement a GIS Computerized Maintenance Management System (CMMS) transitioning the field work order system to a paperless model.

#### Service Budget by Account Type

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Revenue	(5,414,517)	(5,951,142)	(6,172,163)	(5,731,226)	(5,731,226)	(5,731,226)
Expense	5,414,517	6,142,204	5,862,086	5,731,226	5,737,349	5,737,349
<b>Net Service Budget</b>	<b>\$ -</b>	<b>\$ 191,062</b>	<b>\$ (310,078)</b>	<b>\$ -</b>	<b>\$ 6,123</b>	<b>\$ 6,123</b>

# Stormwater Utility

Function: Public Works & Transportation

## Line Item Detail

Agency Primary Fund: Stormwater Utility

### Intergovernmental Revenues

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Federal Revenues Operating	(48,342)	(41,860)	(38,969)	(30,640)	(30,640)	(30,640)
<b>TOTAL</b>	<b>\$ (48,342)</b>	<b>\$ (41,860)</b>	<b>\$ (38,969)</b>	<b>\$ (30,640)</b>	<b>\$ (30,640)</b>	<b>\$ (30,640)</b>

### Charges for Service

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Engineering Services	(6,195)	(5,000)	(2,388)	(1,000)	(1,000)	(1,000)
Sale Of Recyclables	(4,351)	(5,000)	(3,218)	(4,500)	(4,500)	(4,500)
Reimbursement Of Expense	(222,554)	(275,000)	(222,554)	(225,000)	(225,000)	(225,000)
Utility Fee	(1,145,443)	(1,204,640)	(1,165,840)	(1,200,820)	(1,200,820)	(1,200,820)
Erosion Control Fee	(105,265)	(120,000)	(119,490)	(120,000)	(120,000)	(120,000)
Stormwater Mgmt Fee	(71,216)	(75,000)	(79,744)	(75,000)	(75,000)	(75,000)
Stormwater Only	(3,218,362)	(3,426,080)	(3,315,730)	(3,415,200)	(3,415,200)	(3,415,200)
Residential	(4,728,394)	(5,168,210)	(5,001,749)	(5,151,800)	(5,151,800)	(5,151,800)
Commercial	(3,775,305)	(4,103,030)	(3,970,876)	(4,090,000)	(4,090,000)	(4,090,000)
Industrial	(154,455)	(165,630)	(160,295)	(165,100)	(165,100)	(165,100)
Public Authorities	(1,714,756)	(1,676,120)	(1,622,134)	(1,670,800)	(1,670,800)	(1,670,800)
<b>TOTAL</b>	<b>\$ (15,146,298)</b>	<b>\$ (16,223,710)</b>	<b>\$ (15,664,019)</b>	<b>\$ (16,119,220)</b>	<b>\$ (16,119,220)</b>	<b>\$ (16,119,220)</b>

### Licenses & Permits

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Street Opening Permits	(6,690)	(2,500)	(1,800)	(5,000)	(5,000)	(5,000)
<b>TOTAL</b>	<b>\$ (6,690)</b>	<b>\$ (2,500)</b>	<b>\$ (1,800)</b>	<b>\$ (5,000)</b>	<b>\$ (5,000)</b>	<b>\$ (5,000)</b>

### Fine Forefeiture & Assessments

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Spec Assessments Capital	(108,915)	(250,000)	(100,000)	(150,000)	(150,000)	(150,000)
Late Fees	(38,034)	(48,000)	(37,368)	(48,000)	(48,000)	(48,000)
<b>TOTAL</b>	<b>\$ (146,948)</b>	<b>\$ (298,000)</b>	<b>\$ (137,368)</b>	<b>\$ (198,000)</b>	<b>\$ (198,000)</b>	<b>\$ (198,000)</b>

### Investments & Contributions

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Interest	(179,454)	(107,000)	(107,000)	(175,000)	(175,000)	(175,000)
Contributions & Donations	(3,607,653)	-	-	-	-	-
<b>TOTAL</b>	<b>\$ (3,787,107)</b>	<b>\$ (107,000)</b>	<b>\$ (107,000)</b>	<b>\$ (175,000)</b>	<b>\$ (175,000)</b>	<b>\$ (175,000)</b>

### Misc Revenue

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Miscellaneous Revenue	(1,403)	(30,430)	(1)	(10,640)	(10,640)	(10,640)
<b>TOTAL</b>	<b>\$ (1,403)</b>	<b>\$ (30,430)</b>	<b>\$ (1)</b>	<b>\$ (10,640)</b>	<b>\$ (10,640)</b>	<b>\$ (10,640)</b>

### Other Finance Sources

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Sale Of Assets	(47,760)	-	(3,478)	(40,000)	(40,000)	(40,000)
Trade In Allowance	(14,000)	(15,000)	(29,650)	(30,000)	(30,000)	(30,000)
(Gain) Loss On Sale Of Asset	371,737	-	-	-	-	-
Fund Balance Applied	-	-	-	-	(89,485)	(89,485)
<b>TOTAL</b>	<b>\$ 309,977</b>	<b>\$ (15,000)</b>	<b>\$ (33,128)</b>	<b>\$ (70,000)</b>	<b>\$ (159,485)</b>	<b>\$ (159,485)</b>

### Transfer In

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Transfer In From Insurance	(948)	-	-	-	-	-
<b>TOTAL</b>	<b>\$ (948)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Permanent Wages	3,492,289	4,138,453	3,625,408	4,186,656	4,186,656	4,186,656
Salary Savings	-	(46,310)	-	(46,310)	(46,310)	(46,310)
Salary Reimbursed	-	(305,000)	-	-	-	-
Premium Pay	8,570	41,474	41,474	41,474	41,474	41,474
Workers Compensation Wages	3,551	-	12,376	-	-	-
Compensated Absence	118,986	190,000	209,791	190,000	190,000	190,000
Hourly Wages	101,816	128,622	89,990	128,622	128,622	128,622
Overtime Wages Permanent	239,537	224,412	191,485	224,412	224,412	224,412
Overtime Wages Hourly	7,926	1,000	549	1,000	1,000	1,000
Election Officials Wages	148	-	746	-	-	-
<b>TOTAL</b>	<b>\$ 3,972,824</b>	<b>\$ 4,372,651</b>	<b>\$ 4,171,820</b>	<b>\$ 4,725,854</b>	<b>\$ 4,725,854</b>	<b>\$ 4,725,854</b>

**Benefits**

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Comp Absence Escrow	27,641	25,000	38,460	25,000	25,000	25,000
Benefit Savings	-	(100,000)	-	-	-	-
Health Insurance Benefit	680,600	788,668	694,131	791,198	800,171	800,171
Wage Insurance Benefit	13,330	13,716	12,777	13,714	13,714	13,714
Health Insurance Retiree	-	4,887	-	4,887	4,887	4,887
WRS	252,678	281,434	240,226	284,698	280,519	280,519
FICA Medicare Benefits	291,220	312,115	268,892	316,316	314,780	314,780
Licenses & Certifications	523	200	150	200	200	200
Post Employment Health Plans	11,259	12,212	12,496	12,684	12,684	12,684
Other Post Emplmnt Benefit	22,173	500	20,000	25,000	25,000	25,000
Pension Expense	(45,334)	-	-	100,000	100,000	100,000
<b>TOTAL</b>	<b>\$ 1,254,091</b>	<b>\$ 1,338,732</b>	<b>\$ 1,287,132</b>	<b>\$ 1,573,697</b>	<b>\$ 1,576,955</b>	<b>\$ 1,576,955</b>

**Supplies**

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Office Supplies	4,148	5,918	3,880	5,918	5,918	5,918
Copy Printing Supplies	11,656	10,758	9,621	13,458	13,458	13,458
Furniture	272	5,209	4,950	2,709	2,709	2,709
Hardware Supplies	5,127	2,209	7,079	2,709	2,709	2,709
Software Lic & Supplies	3,199	500	3,684	8,000	8,000	8,000
Postage	34,865	19,922	20,946	36,822	36,822	36,822
Books & Subscriptions	1,470	870	870	1,870	1,870	1,870
Work Supplies	161,067	187,558	163,845	187,558	187,558	187,558
Janitorial Supplies	1,128	208	1,727	208	208	208
Medical Supplies	84	175	84	175	175	175
Safety Supplies	8,484	6,321	3,315	9,821	9,821	9,821
Uniform Clothing Supplies	4,154	5,914	2,174	5,914	5,914	5,914
Food And Beverage	51	-	527	-	-	-
Building Supplies	178	1,378	14,548	2,378	2,378	2,378
Landscaping Supplies	5,370	46,200	3,009	10,000	10,000	10,000
Trees Shrubs Plants	1,221	1,500	348	2,000	2,000	2,000
Fertilizers And Chemicals	4,712	-	-	5,000	5,000	5,000
Machinery And Equipment	13,168	122,500	143,985	103,500	103,500	103,500
Equipment Supplies	47,942	50,000	41,935	50,000	50,000	50,000
<b>TOTAL</b>	<b>\$ 308,298</b>	<b>\$ 467,140</b>	<b>\$ 426,529</b>	<b>\$ 448,040</b>	<b>\$ 448,040</b>	<b>\$ 448,040</b>

# Stormwater Utility

Function: Public Works & Transportation

## Line Item Detail

Agency Primary Fund: Stormwater Utility

### Purchased Services

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Natural Gas	3,219	18,825	18,825	18,495	18,495	18,495
Electricity	15,820	35,667	35,667	36,507	36,507	36,507
Water	1,000	7,373	694	7,963	7,963	7,963
Sewer	338	370	518	460	460	460
Stormwater	107,738	117,160	115,249	124,290	124,290	124,290
Telephone	2,486	3,140	4,281	3,500	3,500	3,500
Cellular Telephone	3,586	3,352	3,461	5,460	5,460	5,460
Building Improv Repair Maint	5,543	6,493	9,734	6,493	6,493	6,493
Waste Disposal	2,202	-	-	-	-	-
Pest Control	321	204	402	204	204	204
Facility Rental	300	300	300	300	300	300
Custodial Bldg Use Charges	18,661	18,893	18,893	18,893	18,893	18,893
Landfill	62,536	56,594	102,947	56,594	56,594	56,594
Grounds Improv Repair Maint	2,825	53,500	5,390	15,000	15,000	15,000
Landscaping	40,905	55,000	34,207	55,000	55,000	55,000
Equipment Mntc	33,887	42,296	44,883	42,296	42,296	42,296
System & Software Mntc	33,157	34,960	33,702	34,860	34,860	34,860
Vehicle Repair & Mntc	66,512	60,000	54,021	70,000	70,000	70,000
Rental Of Equipment	611	1,000	247	1,000	1,000	1,000
Street Mntc	-	1,000	-	1,000	1,000	1,000
Plant In Service Mntc	71,946	2,500	-	25,000	25,000	25,000
Recruitment	130	656	-	656	656	656
Mileage	4,508	4,500	3,193	4,500	4,500	4,500
Conferences & Training	6,633	13,042	11,786	13,042	13,042	13,042
Memberships	18,668	29,805	25,116	24,176	24,176	24,176
Uniform Laundry	3,786	3,947	3,380	3,947	3,947	3,947
Medical Services	599	750	428	750	750	750
Appraisal Services	450	-	-	-	-	-
Audit Services	2,800	4,500	3,298	4,600	4,600	4,600
Delivery Freight Charges	265	550	417	550	550	550
Storage Services	413	480	457	480	480	480
Mortgage & Title Services	600	-	-	-	-	-
Consulting Services	142,860	25,000	93,759	138,000	138,000	138,000
Advertising Services	835	2,581	902	2,581	2,581	2,581
Printing Services	-	-	319	-	-	-
Engineering Services	3,743	5,000	-	5,000	5,000	5,000
Inspection Services	-	200	-	-	-	-
Surveying Services	3,400	-	3,100	-	-	-
Locating Marking Services	5,680	5,700	5,680	5,800	5,800	5,800
Lab Services	3,555	2,000	320	3,500	3,500	3,500
Parking Towing Services	534	550	99	550	550	550
Security Services	442	450	-	450	450	450
Other Services & Expenses	242,240	574,337	513,449	551,337	551,337	551,337
Grants	4,940	-	-	-	-	-
Taxes & Special Assessments	187,779	50,000	86,794	82,500	82,500	82,500
Permits & Licenses	25,607	30,583	23,393	30,583	30,583	30,583
<b>TOTAL</b>	<b>\$ 1,134,060</b>	<b>\$ 1,273,258</b>	<b>\$ 1,259,310</b>	<b>\$ 1,396,317</b>	<b>\$ 1,396,317</b>	<b>\$ 1,396,317</b>

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

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Principal	-	5,028,158	5,020,380	5,411,200	5,379,583	5,379,583
Interest	1,059,799	998,268	1,003,900	981,500	1,063,906	1,063,906
Depreciation	3,456,474	-	-	-	-	-
Fund Balance Generated	6,223,322	-	1,469,067	-	-	-
Contingent Reserve	-	1,896,148	-	858,271	858,271	858,271
<b>TOTAL</b>	<b>\$ 10,739,594</b>	<b>\$ 7,922,574</b>	<b>\$ 7,493,347</b>	<b>\$ 7,250,971</b>	<b>\$ 7,301,760</b>	<b>\$ 7,301,760</b>

**Inter-Departmental Charges**

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
ID Charge From Information Tec	18,180	18,180	18,180	18,900	18,900	18,900
ID Charge From Public Health	19,838	23,500	23,500	8,450	8,450	8,450
ID Charge From Engineering	43,397	46,933	46,933	44,563	44,563	44,563
ID Charge From Fleet Services	727,328	875,641	875,641	706,395	706,395	706,395
ID Charge From Landfill	23,485	28,500	28,500	28,500	28,500	28,500
ID Charge From Traffic Eng	7,615	8,393	8,393	7,265	7,265	7,265
ID Charge From Community Dev	39,000	45,000	45,000	45,000	45,000	45,000
ID Charge From Insurance	14,538	10,478	10,478	10,478	22,712	22,712
ID Charge From Workers Comp	-	-	-	-	23,204	23,204
ID Charge From Sewer	219,114	290,000	290,000	285,000	285,000	285,000
ID Charge From Water	285,467	298,020	298,020	280,570	280,570	280,570
<b>TOTAL</b>	<b>\$ 1,397,963</b>	<b>\$ 1,644,645</b>	<b>\$ 1,644,645</b>	<b>\$ 1,435,121</b>	<b>\$ 1,470,559</b>	<b>\$ 1,470,559</b>

**Inter-Departmental Billings**

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
ID Billing To Engineering	(78,118)	(72,000)	(72,000)	(80,000)	(80,000)	(80,000)
ID Billing To Landfill	(11,445)	(8,500)	(8,500)	(11,500)	(11,500)	(11,500)
ID Billing To Sewer	(236,886)	(220,000)	(220,000)	(240,000)	(240,000)	(240,000)
<b>TOTAL</b>	<b>\$ (326,449)</b>	<b>\$ (300,500)</b>	<b>\$ (300,500)</b>	<b>\$ (331,500)</b>	<b>\$ (331,500)</b>	<b>\$ (331,500)</b>

**Transfer Out**

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive	2018 Adopted
Transfer Out To Debt Service	1,960	-	-	-	-	-
Transfer Out To Capital	345,419	-	-	110,000	110,000	110,000
<b>TOTAL</b>	<b>\$ 347,380</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>

# Stormwater Utility

Function: Public Works & Transportation

*Position Summary*

	2017			Request		2018		Adopted	
	CG	FTEs	Amount	FTEs	Amount	FTEs	Amount	FTEs	Amount
CONSTRUCT INSP	15	1.00	70,832	1.00	72,746	1.00	72,746	1.00	72,746
ENGINEER	18	4.00	292,288	4.00	294,490	4.00	294,490	4.00	294,490
ENGR OPER LDWKR	15	2.00	115,876	2.00	127,854	2.00	127,854	2.00	127,854
ENGR PROG SPEC	16	1.00	80,381	1.00	81,977	1.00	81,977	1.00	81,977
PW DEV MGR	18	1.00	84,719	1.00	87,213	1.00	87,213	1.00	87,213
SSMO	15	3.00	175,119	3.00	160,902	3.00	160,902	3.00	160,902
<b>TOTAL</b>		<b>12.00</b>	<b>\$ 819,215</b>	<b>12.00</b>	<b>\$ 825,182</b>	<b>12.00</b>	<b>\$ 825,182</b>	<b>12.00</b>	<b>\$ 825,182</b>

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.