

Water Utility

Agency Overview

Agency Mission

The mission of the Madison Water Utility is to provide the essential supply of water for consumption and fire protection via quality service and price, for present and future generations.

Agency Overview

The agency seeks to maintain the City's water utility network by replacing and rehabilitating new and existing infrastructure.

2018 Budget Highlights

The 2018 Executive Budget:

- Anticipates an 18% rate increase for 2018 attributed to projected debt service costs and implementation of an accelerated depreciation strategy for Water Utility assets.

Water Utility

Function: Public Works & Transportation

Budget Overview

Budget by Service (All Funds)

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Revenue					
Water Supply	(38,506,525)	(42,775,305)	(41,033,200)	(42,472,395)	(42,375,000)
Total Revenue	\$ (38,506,525)	\$ (42,775,305)	\$ (41,033,200)	\$ (42,472,395)	\$ (42,375,000)
Expense					
Water Supply	38,506,525	42,775,305	41,033,200	42,472,395	42,375,000
Total Expense	\$ 38,506,525	\$ 42,775,305	\$ 41,033,200	\$ 42,472,395	\$ 42,375,000
Net General Fund	\$ -	\$ -	\$ -	\$ -	\$ -

Budget by Fund & Major

Fund: Water Utility

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Revenue					
Intergovernmental Revenues	(33,269,717)	(41,914,422)	(39,933,187)	(41,640,000)	(41,640,000)
Charges for Services	(250,559)	(250,000)	(280,000)	(310,000)	(310,000)
Fine Forfeiture Assessments	(315,939)	(110,000)	(300,000)	-	-
Investments & Contributions	(331,330)	(200,000)	(255,336)	(200,000)	(200,000)
Misc Revenue	(198,306)	(160,000)	(191,777)	(225,000)	(225,000)
Other Finance Source	(4,132,245)	(140,883)	(72,900)	(97,395)	-
Transfer In	(8,428)	-	-	-	-
Total Revenue	\$ (38,506,525)	\$ (42,775,305)	\$ (41,033,200)	\$ (42,472,395)	\$ (42,375,000)
Expense					
Salaries	7,985,093	8,966,785	8,165,036	8,984,519	8,984,519
Benefits	3,447,641	3,063,132	2,889,064	3,057,288	3,064,013
Supplies	3,018,371	3,292,000	3,023,398	2,912,000	2,912,000
Purchased Services	5,103,836	7,701,380	6,695,049	5,692,500	5,692,500
Debt & Other Financing	14,371,650	21,767,934	22,276,578	23,864,256	23,879,690
Inter Departmental Charges	827,076	803,870	803,870	724,978	605,424
Inter Departmental Billing	(2,678,821)	(2,819,796)	(2,819,796)	(2,763,146)	(2,763,146)
Transfer Out	6,431,680	-	-	-	-
Total Expense	\$ 38,506,525	\$ 42,775,305	\$ 41,033,200	\$ 42,472,395	\$ 42,375,000
Net General Fund	\$ -	\$ -	\$ -	\$ -	\$ -

Water Utility

Function: Public Works & Transportation

Service Overview

Service: Water Supply

Service Description

This service provides approximately 10 billion gallons of water per year for more than 68,000 customers throughout Madison through the operation of 22 wells and 875 miles of water mains. The goal of the service is to maintain and upgrade the water supply system to provide the best quality water service for all customers in the City.

2018 Planned Activities

- Development of a Strategic Asset Management Plan and the Water Utility Master Plan.
- Continue the unidirectional flushing program for water quality improvement.

Service Budget by Account Type

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Revenue	(38,506,525)	(42,775,305)	(41,033,200)	(42,472,395)	(42,375,000)
Expense	38,506,525	42,775,305	41,033,200	42,472,395	42,375,000
Net Service Budget	\$ -	\$ -	\$ -	\$ -	\$ -

Water Utility

Function: Public Works & Transportation

Line Item Detail

Agency Primary Fund: Water Utility

Intergovernmental Revenues

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Federal Revenues Operating	(148,354)	(160,000)	(143,699)	(140,000)	(140,000)
Payment for Muni Service	(33,121,364)	(41,754,422)	(39,789,488)	(41,500,000)	(41,500,000)
TOTAL	\$ (33,269,717)	\$ (41,914,422)	\$ (39,933,187)	\$ (41,640,000)	\$ (41,640,000)

Charges for Service

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Facility Rental	(216,882)	(250,000)	(250,000)	(310,000)	(310,000)
Utility Fee	(33,677)	-	(30,000)	-	-
TOTAL	\$ (250,559)	\$ (250,000)	\$ (280,000)	\$ (310,000)	\$ (310,000)

Fine Forefeiture & Assessments

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Spec Assessments Service	(315,939)	-	(300,000)	-	-
Late Fees	-	(110,000)	-	-	-
TOTAL	\$ (315,939)	\$ (110,000)	\$ (300,000)	\$ -	\$ -

Investments & Contributions

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Interest	(340,560)	(200,000)	(200,000)	(200,000)	(200,000)
Net (Increase) Decr Fmv Invest	9,230	-	(55,336)	-	-
TOTAL	\$ (331,330)	\$ (200,000)	\$ (255,336)	\$ (200,000)	\$ (200,000)

Misc Revenue

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Insurance Recoveries	-	-	(2,207)	-	-
Miscellaneous Revenue	(198,306)	(160,000)	(189,570)	(225,000)	(225,000)
TOTAL	\$ (198,306)	\$ (160,000)	\$ (191,777)	\$ (225,000)	\$ (225,000)

Other Finance Sources

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Sale Of Assets	(14,854)	-	(20,900)	-	-
Trade In Allowance	(142,450)	-	(52,000)	-	-
Premium On Bonds Sold	(3,950,579)	-	-	-	-
Fund Balance Applied	(24,362)	(140,883)	-	(97,395)	-
TOTAL	\$ (4,132,245)	\$ (140,883)	\$ (72,900)	\$ (97,395)	\$ -

Transfer In

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Transfer In From Insurance	(8,428)	-	-	-	-
TOTAL	\$ (8,428)	\$ -	\$ -	\$ -	\$ -

Water Utility

Function: Public Works & Transportation

Line Item Detail

Agency Primary Fund: Water Utility

Salaries

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Permanent Wages	7,370,392	8,536,653	7,592,840	8,709,519	8,709,519
Salary Savings	-	(400,000)	-	(440,000)	(440,000)
Salary Reimbursed	-	54,928	-	-	-
Pending Personnel	-	98,972	-	-	-
Premium Pay	28,417	66,000	23,762	30,000	30,000
Workers Compensation Wages	14,484	50,000	8,629	35,000	35,000
Compensated Absence	63,137	-	39,818	-	-
Hourly Wages	138,712	225,232	150,523	300,000	300,000
Overtime Wages Permanent	361,337	325,000	340,000	340,000	340,000
Overtime Wages Hourly	7,225	10,000	8,929	10,000	10,000
Election Officials Wages	1,388	-	536	-	-
TOTAL	\$ 7,985,093	\$ 8,966,785	\$ 8,165,036	\$ 8,984,519	\$ 8,984,519

Benefits

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Comp Absence Escrow	249,651	125,347	129,740	90,000	90,000
Unemployment Benefits	11,434	-	11,521	-	-
Health Insurance Benefit	1,476,033	1,609,206	1,506,489	1,612,936	1,631,838
Wage Insurance Benefit	25,839	25,287	24,980	25,123	25,123
WRS	519,861	580,500	542,141	592,250	583,544
FICA Medicare Benefits	593,007	645,912	607,094	658,979	655,508
Tuition	-	-	-	10,000	10,000
Licenses & Certifications	484	-	410	-	-
Post Employment Health Plans	-	76,880	66,689	68,000	68,000
Pension Expense	571,333	-	-	-	-
TOTAL	\$ 3,447,641	\$ 3,063,132	\$ 2,889,064	\$ 3,057,288	\$ 3,064,013

Water Utility

Function: Public Works & Transportation

Line Item Detail

Agency Primary Fund: Water Utility

Supplies

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Office Supplies	8,422	20,000	10,803	10,000	10,000
Copy Printing Supplies	3,084	3,500	3,000	3,500	3,500
Furniture	-	-	1,685	-	-
Hardware Supplies	97,194	100,420	50,000	75,000	75,000
Software Lic & Supplies	20,300	15,000	10,000	63,000	63,000
Postage	323,977	375,000	320,094	340,000	340,000
Program Supplies	-	-	682	-	-
Books & Subscriptions	615	1,000	712	1,000	1,000
Work Supplies	947,636	1,200,000	1,244,719	800,000	800,000
Asphalt Repair Materials	58,101	70,000	71,229	65,000	65,000
Janitorial Supplies	11,136	10,000	12,805	12,000	12,000
Lab And Photo Supplies	-	22,900	-	21,000	21,000
Safety Supplies	39,538	43,930	30,000	40,000	40,000
Snow Removal Supplies	653	-	-	-	-
Uniform Clothing Supplies	9,982	47,500	6,603	10,000	10,000
Food And Beverage	-	-	88	-	-
Building	2,882	63,250	11,078	5,000	5,000
Building Supplies	1,857	4,000	14,455	5,000	5,000
Electrical Supplies	17,481	7,500	14,685	7,500	7,500
HVAC Supplies	17,507	5,000	8,020	10,000	10,000
Plumbing Supplies	16,830	5,000	12,830	10,000	10,000
Easements & Encroachments	500	-	-	-	-
Landscaping Supplies	122	-	3,985	3,000	3,000
Fertilizers And Chemicals	155,275	165,000	182,017	165,000	165,000
Machinery And Equipment	1,065,434	775,000	775,943	859,000	859,000
Equipment Supplies	172,581	148,000	170,008	200,000	200,000
Tires	30,074	25,000	28,014	30,000	30,000
Gasoline	3,484	120,000	18,850	110,000	110,000
Diesel	7,819	65,000	11,574	60,000	60,000
Oil	4,494	-	6,125	5,000	5,000
Lubricants	1,393	-	3,393	2,000	2,000
TOTAL	\$ 3,018,371	\$ 3,292,000	\$ 3,023,398	\$ 2,912,000	\$ 2,912,000

Water Utility

Function: Public Works & Transportation

Line Item Detail

Agency Primary Fund: Water Utility

Purchased Services

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Natural Gas	36,007	63,000	77,699	63,000	63,000
Electricity	2,326,591	2,600,000	2,429,318	2,600,000	2,600,000
Stormwater	38,022	35,000	38,000	42,000	42,000
Steam	119,583	165,000	98,919	125,000	125,000
Telephone	18,061	20,000	17,154	20,000	20,000
Cellular Telephone	13,305	15,000	12,140	18,000	18,000
Television	663	750	950	1,500	1,500
Systems Comm Internet	844	600	-	-	-
Building Improv Repair Maint	589,411	1,906,550	1,697,174	48,500	48,500
Waste Disposal	419	500	-	500	500
Pest Control	-	-	431	1,500	1,500
Custodial Bldg Use Charges	4,788	-	-	5,000	5,000
Landfill	1,741	5,000	1,296	2,000	2,000
Grounds Improv Repair Maint	16,429	20,000	690	5,000	5,000
Landscaping	-	-	-	2,500	2,500
Office Equipment Repair	10,955	-	-	250	250
Equipment Mntc	23,430	-	47,432	40,000	40,000
System & Software Mntc	279,184	558,170	325,039	375,000	375,000
Vehicle Repair & Mntc	31,350	25,000	27,021	25,000	25,000
Rental Of Equipment	10,322	-	5,422	10,000	10,000
Street Mntc	436,046	700,000	671,094	440,000	440,000
Sidewalk Mntc	113,601	10,000	-	120,000	120,000
Plant In Service Mntc	25,111	-	-	-	-
Recruitment	199	-	50	250	250
Mileage	2,085	3,500	979	2,500	2,500
Conferences & Training	56,839	158,810	57,722	160,000	160,000
Memberships	38,831	45,000	42,298	40,000	40,000
Uniform Laundry	3,658	4,000	2,922	4,000	4,000
Audit Services	14,976	15,000	11,000	16,000	16,000
Bank Services	56,754	72,854	52,059	61,000	61,000
Credit Card Services	131,307	25,000	107,470	25,000	25,000
Delivery Freight Charges	207	1,000	351	1,000	1,000
Mortgage & Title Services	300	-	400	-	-
Consulting Services	68,170	40,000	255,163	650,000	650,000
Advertising Services	6,728	15,000	6,364	20,000	20,000
Printing Services	132,858	140,000	130,000	140,000	140,000
Inspection Services	5,808	7,500	4,000	1,000	1,000
Locating Marking Services	17,040	17,000	17,040	18,000	18,000
Lab Services	32,773	128,270	67,652	130,000	130,000
Parking Towing Services	1,070	100	2,765	1,500	1,500
Other Services & Expenses	292,423	598,776	351,168	300,000	300,000
Grants	79,658	250,000	80,000	115,000	115,000
Taxes & Special Assessments	10,605	-	-	2,500	2,500
Permits & Licenses	55,687	55,000	55,870	60,000	60,000
TOTAL	\$ 5,103,836	\$ 7,701,380	\$ 6,695,049	\$ 5,692,500	\$ 5,692,500

Water Utility

Function: Public Works & Transportation

Line Item Detail

Agency Primary Fund: Water Utility

Debt & Other Financing

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Principal	6,120,000	8,219,040	8,219,040	9,055,000	9,055,000
Interest	6,129,959	6,570,264	6,570,264	7,300,000	7,300,000
Bond Notes Issuance Services	186,317	-	-	140,000	140,000
Paying Agent Services	3,475	66,531	66,531	5,000	5,000
PILOT	-	6,912,099	6,912,099	7,364,256	7,364,256
Fund Balance Generated	1,931,900	-	508,644	-	15,434
TOTAL	\$ 14,371,650	\$ 21,767,934	\$ 22,276,578	\$ 23,864,256	\$ 23,879,690

Inter-Departmental Charges

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
ID Charge From Human Resources	55,842	55,842	55,842	58,867	58,867
ID Charge From Information Tec	107,868	111,504	111,504	119,700	119,700
ID Charge From Public Health	45,461	-	-	-	-
ID Charge From Fleet Services	160,459	69,571	69,571	49,386	49,386
ID Charge From Streets	-	15,000	15,000	-	-
ID Charge From Traffic Eng	12,243	20,000	20,000	20,000	20,000
ID Charge From Com Dev Blk Gnt	-	54,928	54,928	-	-
ID Charge From Insurance	80,147	119,370	119,370	119,370	123,223
ID Charge From Workers Comp	365,056	357,655	357,655	357,655	234,248
TOTAL	\$ 827,076	\$ 803,870	\$ 803,870	\$ 724,978	\$ 605,424

Inter-Departmental Billings

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
ID Billing To Landfill	(18,009)	-	-	-	-
ID Billing To Parks	(34,447)	(35,800)	(35,800)	(63,180)	(63,180)
ID Billing To Sewer	(2,321,763)	(2,485,976)	(2,485,976)	(2,419,396)	(2,419,396)
ID Billing To Stormwater	(304,602)	(298,020)	(298,020)	(280,570)	(280,570)
TOTAL	\$ (2,678,821)	\$ (2,819,796)	\$ (2,819,796)	\$ (2,763,146)	\$ (2,763,146)

Transfer Out

	2016 Actual	2017 Adopted	2017 Projected	2018 Request	2018 Executive
Transfer Out To General	6,415,680	-	-	-	-
Transfer Out To Capital	16,000	-	-	-	-
TOTAL	\$ 6,431,680	\$ -	\$ -	\$ -	\$ -

Water Utility

Function: Public Works & Transportation

Position Summary

	CG	2017 Budget		2018 Request		Executive	
		FTEs	Amount	FTEs	Amount	FTEs	Amount
ACCOUNTANT	18	3.00	214,733	3.00	229,907	3.00	229,907
ADMIN ASST	20	7.00	360,622	7.00	370,151	7.00	370,151
ASSET MGR	18	1.00	79,171	1.00	80,753	1.00	80,753
AUTO MECH	16	2.00	105,011	2.00	108,448	2.00	108,448
CIVIL TECH	16	6.00	360,503	6.00	385,560	6.00	385,560
COMP MAP/GIS COORD	18	1.00	84,611	1.00	94,610	1.00	94,610
CROSS CONNECT CTRL INSPEC	16	3.00	213,629	3.00	217,870	3.00	217,870
CTRL SYS PROG	18	1.00	57,376	1.00	88,678	1.00	88,678
DISPATCHER	16	1.00	57,309	1.00	59,080	1.00	59,080
ELECTRICIAN FOREPERS	71	1.00	80,730	1.00	82,343	1.00	82,343
ELECTRONIC MTN TECH	16	1.00	69,354	1.00	71,572	1.00	71,572
ENGINEER	18	4.00	344,387	4.00	325,402	4.00	325,402
ENGR AIDE	16	1.00	56,214	1.00	59,085	1.00	59,085
ENGR PROG SPEC	16	1.00	63,310	1.00	67,788	1.00	67,788
EQPT OPR	16	18.00	1,023,775	18.00	1,019,779	18.00	1,019,779
FIELD SERV LDWKR	16	2.00	120,582	2.00	122,975	2.00	122,975
FIELD SERV REP	16	5.00	293,993	5.00	302,803	5.00	302,803
FIELD SERVICE ANALYST	16	3.00	185,665	3.00	190,021	3.00	190,021
FIN OPER LDWKR	20	1.00	58,678	1.00	59,843	1.00	59,843
MAINT MECH	16	5.00	305,113	5.00	320,684	5.00	320,684
MAINT WORKER	16	2.00	97,942	2.00	99,824	2.00	99,824
MASTER MECHANIC	16	1.00	68,894	1.00	70,261	1.00	70,261
OPERATIONS CLERK	16	1.00	56,248	1.00	57,365	1.00	57,365
PAINTER	71	1.00	55,583	1.00	59,173	1.00	59,173
PRINCIPAL ENGR WATER	18	1.00	114,204	1.00	117,915	1.00	117,915
PROG ASST	20	2.00	107,530	2.00	110,814	2.00	110,814
PUB WKS GEN FORE	18	3.00	210,931	3.00	227,774	3.00	227,774
PUB WKS GEN SUPV	18	1.00	88,672	1.00	89,636	1.00	89,636
PUB WKS LEADWKR	16	1.00	60,465	1.00	62,046	1.00	62,046
PUB WKS MAINT WKR	16	17.00	920,516	17.00	922,993	17.00	922,993
SURVEYOR	18	1.00	72,015	1.00	73,454	1.00	73,454
WATER COMM OUTREACH SPE	18	1.00	62,345	1.00	65,402	1.00	65,402
WATER CONSTR SUPV	18	1.00	67,852	1.00	78,393	1.00	78,393
WATER HYDRANT INSPEC	16	3.00	183,632	3.00	187,846	3.00	187,846
WATER ONE CALL COORD	16	3.00	182,832	3.00	183,121	3.00	183,121
WATER QUAL SAMPLER	16	2.00	110,295	2.00	113,334	2.00	113,334
WATER QUALITY MGR	18	1.00	101,029	1.00	103,047	1.00	103,047
WATER SUPPLY MGR	18	1.00	106,433	1.00	108,880	1.00	108,880
WATER UTIL ACCT/COMP SPEC	20	1.00	54,950	1.00	57,785	1.00	57,785
WATER UTIL FIN MGR	18	1.00	110,662	1.00	114,097	1.00	114,097

Water Utility

Function: Public Works & Transportation

Position Summary

		2017		2018			
		Budget		Request		Executive	
	CG	FTEs	Amount	FTEs	Amount	FTEs	Amount
WATER UTIL GEN MGR	21	1.00	142,034	1.00	142,241	1.00	142,241
WATER UTIL MAINT SUPV	18	1.00	83,109	1.00	88,434	1.00	88,434
WATER UTIL OPR LDWKR	16	5.00	326,047	5.00	340,068	5.00	340,068
WATER UTIL OPR MGR	18	1.00	111,862	1.00	114,097	1.00	114,097
WATER UTIL PUB INFO	18	1.00	72,532	1.00	75,657	1.00	75,657
WATERWKS OPR	16	9.00	581,134	9.00	572,870	9.00	572,870
TOTAL		130.00	\$ 8,284,514	130.00	\$ 8,493,879	130.00	\$ 8,493,879

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.