



WATER, ELECTRIC, OR JOINT UTILITY ANNUAL REPORT

OF

MADISON WATER UTILITY

119 E OLIN AVENUE
MADISON, WI 53713-1431

For the Year Ended: DECEMBER 31, 2019

TO

PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

Violations of the provisions of the Public Service Commission of Wisconsin, Chapter Trans. 113, section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

Filed: 05/27/2020
Refiled: 02/25/2022

Water Service Started Date: 01/01/1884
DNR Public Water System ID: 11302247

Safe Drinking Water Information System (SDWIS) Total Population Served: 235000

I **Kathryn Schwenn, Finance Manager of MADISON WATER UTILITY**, certify that I am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

Date Signed: **2/25/2022**

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Identification and Ownership - Contacts

Utility employee in charge of correspondence concerning this report

Name: Kathy Schwenn

Title: Finance Supervisor

Mailing Address: 119 E. Olin Ave
Madison, WI 53713-1431

Phone: (608) 266-4645

Email Address: kschwenn@madisonwater.org

Accounting firm or consultant preparing this report (if applicable)

Name:

Title:

Mailing Address:

Phone:

Email Address:

Name and title of utility General Manager (or equivalent)

Name: Tom Heikkinen

Title: Water Utility General Manager

Mailing Address: 119 E. Olin Ave
Madison, WI 53713-1431

Phone: (608) 266-4651

Email Address: theikkinen@madisonwater.org

President, chairman, or head of utility commission/board or committee

Name: Gene McLinn

Title: President

Mailing Address: 119 E. Olin Ave
Madison, WI 53713

Phone: (608) 630-4961

Email Address: gmclinn@burnsmcd.com

Contact person for cybersecurity issues and events

Name: David Faust

Title: City of Madison, IT, Applications Development Mngr

Mailing Address: 210 Martin Luther King Jr Blvd, Room 500
Madison, WI 53703

Phone: (608) 267-4909

Email Address: dfaust@cityofmadison.com

Identification and Ownership - Governing Authority and Audit Information

Utility Governing Authority

Select the governing authority for this utility.

Reports to utility board/commission

Reports directly to city/village council

Audit Information

Are utility records audited by individuals or firms other than utility employees? Yes No

Date of most recent audit report: 06/22/2019

Period covered by most recent audit: January 1, 2018 through December 31, 2018

Individual or firm, if other than utility employee, auditing utility records

Name: Vicki Hellenbrand

Title: CPA-Partner

Organization Name: Baker Tilly Virchow Krause LLP

USPS Address: PO Box 7398

City State Zip Madison, WI 53707-7398

Telephone: (608) 240-2387

Email Address: vicki.hellenbrand@bakertilly.com

Report Preparation

If an accounting firm or consultant assists with report preparation, select the type of assistance provided

Identification and Ownership - Contract Operations

Do you have any contracts?

Are any of the Utility's administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and /or current year (i.e., utility billing is done by another entity)?

NO

Income Statement

Description (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			1
Operating Revenues (400)	43,944,887	35,099,182	2
''CdYfUjbl' '9I dYbgYg.			3
Operation and Maintenance Expense (401-402)	15,711,581	17,031,987	4
Depreciation Expense (403)	6,195,337	5,739,163	5
Amortization Expense (404-407)	0	0	6
Taxes (408)	7,543,750	7,145,381	7
''HcHJ' CdYfUjbl' '9I dYbgYg	29,450,668	29,916,531	8
''BYhCdYfUjbl' 'bWta Y	14,494,219	5,182,651	9
Income from Utility Plant Leased to Others (412-413)			10
''I H]ImiCdYfUjbl' 'bWta Y	14,494,219	5,182,651	11
OTHER INCOME			12
Income from Merchandising, Jobbing and Contract Work (415-416)	(31,599)	71,843	13
Income from Nonutility Operations (417)	18,518		14
Nonoperating Rental Income (418)	135,766	141,525	15
Interest and Dividend Income (419)	1,011,538	413,101	16
Miscellaneous Nonoperating Income (421)	3,315,016	3,849,748	17
''HcHJ' CH Yf' bWta Y	4,449,239	4,476,217	18
''HcHJ' bWta Y	18,943,458	9,658,868	19
MISCELLANEOUS INCOME DEDUCTIONS			20
Miscellaneous Amortization (425)	(460,708)	(460,708)	21
Other Income Deductions (426)	1,955,639	1,706,725	22
''HcHJ' A]gW' UbYci g' bWta Y8 YXi Wjcbg	1,494,931	1,246,017	23
''bWta Y6 YZfY bHfYgh7\ Uf[Yg	17,448,527	8,412,851	24
INTEREST CHARGES			25
Interest on Long-Term Debt (427)	8,229,631	7,035,684	26
Amortization of Debt Discount and Expense (428)	554,085	265,489	27
Amortization of Premium on Debt--Cr. (429)	709,376	620,157	28
Interest on Debt to Municipality (430)	50,216	62,144	29
Other Interest Expense (431)	0	0	30
Interest Charged to Construction--Cr. (432)			31
''HcHJ' bHfYgh7\ Uf[Yg	8,124,556	6,743,160	32
''BYh' bWta Y	9,323,971	1,669,691	33
EARNED SURPLUS			34
Unappropriated Earned Surplus (Beginning of Year) (216)	119,944,909	120,428,695	35
Balance Transferred from Income (433)	9,323,971	1,669,691	36
Miscellaneous Credits to Surplus (434)	593,021	93,295	37
Miscellaneous Debits to Surplus--Debit (435)	8,812	2,246,772	38
Appropriations of Surplus--Debit (436)			39
Appropriations of Income to Municipal Funds--Debit (439)			40
''HcHJ' I bUddfcdf]UHx'9UfbYX'Gi fd' i g'9bX'cZMYU' fE% L	129,853,089	119,944,909	41

Income Statement Account Details

- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
- g Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.
- g If amount of Contributed Plant - Water (421) does not match the total Additions During Year entered on Water Utility Plant in Service - Plant Financed by Contributions, please provide a detailed explanation. Please see the help guide for more information.

Description (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
UTILITY OPERATING INCOME				1
Operating Revenues (400)				2
Derived	43,944,887		43,944,887	3
Total (Acct. 400)	43,944,887	0	43,944,887	4
Operation and Maintenance Expense (401-402)				5
Derived	15,711,581		15,711,581	6
Total (Acct. 401-402)	15,711,581	0	15,711,581	7
Depreciation Expense (403)				8
Derived	6,195,337		6,195,337	9
Total (Acct. 403)	6,195,337	0	6,195,337	10
Amortization Expense (404-407)				11
Derived	0		0	12
Total (Acct. 404-407)	0	0	0	13
Taxes (408)				14
Derived	7,543,750		7,543,750	15
Total (Acct. 408)	7,543,750	0	7,543,750	16
TOTAL UTILITY OPERATING INCOME	14,494,219	0	14,494,219	17
OTHER INCOME				18
Income from Merchandising, Jobbing and Contract Work (415-416)				19
Derived	(31,599)	0	(31,599)	20
Total (Acct. 415-416)	(31,599)	0	(31,599)	21
Income from Nonutility Operations (417)				22
FEMA Proceeds	18,518		18,518	23
Total (Acct. 417)	18,518	0	18,518	24
Nonoperating Rental Income (418)				25
INCOME - FEDERAL TAX CREDIT	133,361		133,361	26
RENTAL PROPERTY HELD FOR FUTURE USE	2,405		2,405	27
Total (Acct. 418)	135,766	0	135,766	28
Interest and Dividend Income (419)				29
INTEREST ON INVESTMENTS	977,467		977,467	30
INTEREST ON MAIN ASSESSMENTS	34,071		34,071	31
Total (Acct. 419)	1,011,538	0	1,011,538	32
Miscellaneous Nonoperating Income (421)				33
Contributed Plant - Water		3,315,016	3,315,016	34
Impact Fees - Water			0	35
Total (Acct. 421)	0	3,315,016	3,315,016	36
TOTAL OTHER INCOME	1,134,223	3,315,016	4,449,239	37
MISCELLANEOUS INCOME DEDUCTIONS				38
Miscellaneous Amortization (425)				39

Income Statement Account Details

- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
- g Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.
- g If amount of Contributed Plant - Water (421) does not match the total Additions During Year entered on Water Utility Plant in Service - Plant Financed by Contributions, please provide a detailed explanation. Please see the help guide for more information.

Description (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
Regulatory Liability (253) Amortization	(460,708)		(460,708)	40
Total (Acct. 425)	(460,708)	0	(460,708)	41
Other Income Deductions (426)				42
Depreciation Expense on Contributed Plant - Water		1,769,176	1,769,176	43
Conservation Program Disallowed	20,750		20,750	44
Conservation Program True-up	28,345		28,345	45
Disallowed Depreciation Exp in Non-Utility Property	137,368		137,368	46
Total (Acct. 426)	186,463	1,769,176	1,955,639	47
TOTAL MISCELLANEOUS INCOME DEDUCTIONS	(274,245)	1,769,176	1,494,931	48
INTEREST CHARGES				49
Interest on Long-Term Debt (427)				50
Derived	8,229,631		8,229,631	51
Total (Acct. 427)	8,229,631	0	8,229,631	52
Amortization of Debt Discount and Expense (428)				53
AMORTIZATION OF DEBT DISCOUNT	142,232		142,232	54
Bond Issuance Costs - 2019 A, B and BANS	411,853		411,853	55
Total (Acct. 428)	554,085	0	554,085	56
Amortization of Premium on Debt--Cr. (429)				57
AMORTIZATION OF PREMIUM ON DEBT	709,376		709,376	58
Total (Acct. 429)	709,376	0	709,376	59
Interest on Debt to Municipality (430)				60
Derived	50,216		50,216	61
Total (Acct. 430)	50,216	0	50,216	62
Other Interest Expense (431)				63
Derived	0		0	64
Total (Acct. 431)	0	0	0	65
TOTAL INTEREST CHARGES	8,124,556	0	8,124,556	66
NET INCOME	7,778,131	1,545,840	9,323,971	67
EARNED SURPLUS				68
Unappropriated Earned Surplus (Beginning of Year) (216)				69
Derived	46,697,357	73,247,552	119,944,909	70
Total (Acct. 216)	46,697,357	73,247,552	119,944,909	71
Balance Transferred from Income (433)				72
Derived	7,778,131	1,545,840	9,323,971	73
Total (Acct. 433)	7,778,131	1,545,840	9,323,971	74
Miscellaneous Credits to Surplus (434)				75
Capital Paid in by Municipality - 2019	196,049		196,049	76
Gain on Sale of Property	360,973		360,973	77
Property Adjustment for Sale of Asset	35,999		35,999	78
Total (Acct. 434)	593,021	0	593,021	79

Income Statement Account Details

- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
- g Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.
- g If amount of Contributed Plant . ~~W~~Water (421) does not match the total Additions During Year entered on Water Utility Plant in Service . ~~P~~Plant Financed by Contributions, please provide a detailed explanation. Please see the help guide for more information.

Description (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
Miscellaneous Debits to Surplus--Debit (435)				80
Add'l Depr. Exp. for Asset Reclass	8,812		8,812	81
Total (Acct. 435)	8,812	0	8,812	82
UNAPPROPRIATED EARNED SURPLUS (END OF YEAR)	55,059,697	74,793,392	129,853,089	83

Income Statement Account Details

- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
- g Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.
- g If amount of Contributed Plant - Water (421) does not match the total Additions During Year entered on Water Utility Plant in Service - Plant Financed by Contributions, please provide a detailed explanation. Please see the help guide for more information.

Income Statement Account Details (Page F-02)

Amount of Contributed Plant - Water (421) does not match the total Additions During Year entered on Water Utility Plant in Service - Plant Financed by Contributions, please explain fully.

Contributed plant includes plant that includes Capital Paid in by Municipality. A portion of contributed plant has been credited to Account 200 Capital Paid in by Municipality.

Income from Merchandising, Jobbing & Contract Work (Accts. 415-416)

Particulars (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Revenues						1
Revenues (account 415)	17,567				17,567	2
Cost and Expenses of Merchandising, Jobbing and Contract Work (416)						3
Cost of merchandise sold					0	4
Payroll	27,702				27,702	5
Materials	6,492				6,492	6
Taxes	2,247				2,247	7
Other (List by major classes)						8
TRANSPORTATION	3,212				3,212	9
TOOLS	1,168				1,168	10
OVERHEAD	8,345				8,345	11
Total costs and expenses	49,166	0	0	0	49,166	12
Net Income (or loss)	(31,599)	0	0	0	(31,599)	13

Revenues Subject to Wisconsin Remainder Assessment

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 Admin. Code Ch. PSC 5.
 g If the sewer department is not regulated by the PSC, do not report sewer department in data column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Gas Utility (d)	Sewer Utility (Regulated Only (e)	Total (f)	
Total operating revenues	43,944,887				43,944,887	1
Less: interdepartmental sales	0				0	2
Less: interdepartmental rents	0				0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)					0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained	16,370				16,370	5
Revenues subject to Wisconsin Remainder Assessment	43,928,517	0	0	0	43,928,517	6

Distribution of Total Payroll

- g Amounts charged to Utility Financed and to Contributed Plant accounts should be combined and reported in plant or accumulated depreciation accounts.
- g Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
- g The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
- g Provide additional information in the schedule footnotes when necessary.
- g Please see the help guide for examples of how to break out shared costs.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	7,425,524	501,145	7,926,669	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	27,702		27,702	6
Other nonutility expenses	641,000		641,000	7
Water utility plant accounts	744,824	50,268	795,092	8
Electric utility plant accounts			0	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant	3,640	246	3,886	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts	551,659	(551,659)	0	18
All other accounts			0	19
Total Payroll	9,394,349	0	9,394,349	20

Full-Time Employees (FTE)

g Use FTE numbers where FTE stands for Full-Time Employees or Full-Time Equivalency. FTE can be computed by using total hours worked/2080 hours for a fiscal year. Estimate to the nearest hundredth. If an employee works part time for more than one industry then determine FTE based on estimate of hours worked per industry.

g Example: An employee worked 35% of their time on electric jobs, 30% on water jobs, 20% on sewer jobs and 15% on municipal nonutility jobs. The FTE by industry would be .35 for electric, .30 for water and .20 for sewer.

Industry (a)	FTE (b)	
Water	127.0	1
Electric		2
Gas		3
Sewer		4

Balance Sheet

Assets and Othe Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
ASSESTS AND OTHER DEBITS			1
UTILITY PLANT			2
Utility Plant (101)	397,277,334	385,434,847	3
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	96,176,734	88,203,833	4
Utility Plant Acquisition Adjustments (117-118)	0	0	5
Other Utility Plant Adjustments (119)	0	0	6
BYñil ñ]ñmiD'Ubh	301,100,600	297,231,014	7
OTHER PROPERTY AND INVESTMENTS			8
Nonutility Property (121)	6,383,255	6,384,599	9
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	362,702	220,802	10
Investment in Municipality (123)	0	0	11
Other Investments (124)	3,426,969	3,888,192	12
Sinking Funds (125)	30,257,867	21,596,526	13
Depreciation Fund (126)	750,000	750,000	14
Other Special Funds (128)	17,229,539	17,823,192	15
ñHcñU' Cñ Yf DñcdYñmiUbX' ñbj Ygñ Ybñg	57,684,928	50,221,707	16
CURRENT AND ACCRUED ASSETS			17
Cash (131)	4,523,704	2,837,456	18
Special Deposits (134)	0	0	19
Working Funds (135)	20,920	20,920	20
Temporary Cash Investments (136)	0	0	21
Notes Receivable (141)	0	0	22
Customer Accounts Receivable (142)	2,660,818	2,915,814	23
Other Accounts Receivable (143)	277,922	5,344,580	24
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	25
Receivables from Municipality (145)	1,111,689	943,758	26
Plant Materials and Operating Supplies (154)	761,348	714,523	27
Merchandise (155)	0	0	28
Other Materials and Supplies (156)	0	0	29
Stores Expense (163)	0	0	30
Prepayments (165)	189,145	183,467	31
Interest and Dividends Receivable (171)	41,615	41,615	32
Accrued Utility Revenues (173)	0	0	33
Miscellaneous Current and Accrued Assets (174)	0	1,594,540	34
ñHcñU' 7 i ffYbñiUbX' 5 Vññi YX' 5 ggYñg	9,587,161	14,596,673	35
DEFERRED DEBITS			36
Unamortized Debt Discount and Expense (181)	0	1,528,538	37
Extraordinary Property Losses (182)	0	0	38
Preliminary Survey and Investigation Charges (183)	416,865	411,830	39
Clearing Accounts (184)	0	0	40
Temporary Facilities (185)	0	0	41
Miscellaneous Deferred Debits (186)	12,016,850	6,311,506	42
ñHcñU' 8 YZñffYX' 8 YVññg	12,433,715	8,251,874	43
ñHCH5 @5 GG9HG' 5 B8 ñCH<9F' 896 ñHG	380,806,404	370,301,268	44

Balance Sheet

Liabilities and Othe Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
LIABILITIES AND OTHER CREDITS			1
PROPRIETARY CAPITAL			2
Capital Paid in by Municipality (200)	3,089,510	2,804,466	3
Appropriated Earned Surplus (215)	0	0	4
Unappropriated Earned Surplus (216)	129,853,089	119,944,909	5
“HcHU” DfcdfjYUfm7 UdjHU	132,942,599	122,749,375	6
LONG-TERM DEBT			7
Bonds (221)	213,715,000	202,685,000	8
Advances from Municipality (223)	1,178,208	2,039,112	9
Other Long-Term Debt (224)	0	0	10
“HcHU” @cb[!HYfa 8 YVh	214,893,208	204,724,112	11
CURRENT AND ACCRUED LIABILITIES			12
Notes Payable (231)	0	0	13
Accounts Payable (232)	921,221	10,803,979	14
Payables to Municipality (233)	459,331	5,563,094	15
Customer Deposits (235)	0	0	16
Taxes Accrued (236)	0	0	17
Interest Accrued (237)	2,916,520	3,525,495	18
Tax Collections Payable (241)	0	2,472	19
Miscellaneous Current and Accrued Liabilities (242)	7,184,604	0	20
“HcHU” 7i ffYbhUbX’5 VWwI YX’ @UV] jYg	11,481,676	19,895,040	21
DEFERRED CREDITS			22
Unamortized Premium on Debt (251)	13,108,268	10,239,105	23
Customer Advances for Construction (252)	119,242	44,030	24
Other Deferred Credits (253)	8,261,410	12,649,606	25
“HcHU” 8 YZffYX’7 fYX]Jg	21,488,920	22,932,741	26
OPERATING RESERVES			27
Property Insurance Reserve (261)	0	0	28
Injuries and Damages Reserve (262)	0	0	29
Pensions and Benefits Reserve (263)	0	0	30
Miscellaneous Operating Reserves (265)	0	0	31
“HcHU” CdYfUj b[F YgYf j Yg	0	0	32
“HCH5 @@5 6 -@H9 G’5 B8 CH< 9F 7 F98 Hg	380,806,403	370,301,268	33

Net Utility Plant

g Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	
First of Year					1
Total Utility Plant - First of Year	385,434,847	0	0	0	2
	385,434,847	0	0	0	3
Plant Accounts					4
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	288,304,706				5
Utility Plant in Service - Contributed Plant (101.2)	102,446,207				6
Utility Plant Purchased or Sold (102)					7
Utility Plant Leased to Others (104)					8
Property Held for Future Use (105)	112,087				9
Completed Construction not Classified (106)	5,803,286				10
Construction Work in Progress (107)	611,048				11
Total Utility Plant	397,277,334	0	0	0	12
Accumulated Provision for Depreciation and Amortization					13
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	68,905,131				14
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	27,271,603				15
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					16
Accumulated Provision for Depreciation of Property Held for Future Use (113)					17
Accumulated Provision for Amortization of Utility Plant in Service (114)					18
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					19
Accumulated Provision for Amortization of Property Held for Future Use (116)					20
Total Accumulated Provision	96,176,734	0	0	0	21
Accumulated Provision for Depreciation and Amortization					22
Utility Plant Acquisition Adjustments (117)					23
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					24
Other Utility Plant Adjustments (119)					25
Total Other Utility Plant Accounts	0	0	0	0	26
Net Utility Plant	301,100,600	0	0	0	27

Accumulated Provision for Depreciation of Utility Plant on Utility Plant Financed by Utility Operations or by the Municipality (Acct. 111.1)

Depreciation Accruals (Credits) during the year (111.1):

- g Report the amounts charged in the operating sections to Depreciation Expense (403).
- g If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
- g Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water Column. If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
- g Report all other accruals charged to other accounts, such as to clearing accounts.

Description (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Balance First of Year (111.1)	62,589,923	0	0	0	62,589,923	1
Credits during year						2
Charged Depreciation Expense (403)	6,195,337				6,195,337	3
Depreciation Expense on Meters Charged to Sewer	543,739				543,739	4
Depreciation Expense on CCNC	41,456				41,456	5
Salvage	105,940				105,940	6
Clearing Accounts	516,372				516,372	7
Total credits	7,402,844	0	0	0	7,402,844	8
Debits during year						9
Book Cost of Plant Retired	1,000,955				1,000,955	10
Cost of Removal	20,840				20,840	11
Adjustment	65,841				65,841	12
Total debits	1,087,636	0	0	0	1,087,636	13
Balance end of year (111.1)	68,905,131	0	0	0	68,905,131	14

Accumulated Provision for Depreciation of Utility Plant on Utility Plant Financed by Utility Operations or by the Municipality (Acct. 111.1)

Depreciation Accruals (Credits) during the year (111.1):

- g Report the amounts charged in the operating sections to Depreciation Expense (403).
- g If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
- g Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water Column. If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
- g Report all other accruals charged to other accounts, such as to clearing accounts.

**Accumulated Provision for Depreciation of Utility Plant on Utility Plant Financed by Utility Operations or by the Municipality (Acct. 111.1)
(Page F-09)****General Footnote**

Adjustments to A/D represent a true-up to the beginning balance for disallowed depreciation on utility plant in accordance with WR-114. Disallowed A/D is included in Acct. 122 - Non-utility plant A/D.

Accumulated Provision for Depreciation of Utility Plant on Contributed Plant in Service (Acct. 111.2)

Depreciation Accruals (Credits) during the year (111.2):

- g Report the amounts charged in the operating sections to Other Income Deductions (426).
- g If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
- g Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water Column. If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
- g Report all other accruals charged to other accounts, such as to clearing accounts.

Description (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Balance First of Year (111.2)	25,613,910	0	0	0	25,613,910	1
Credits during year						2
Charged Other Income Deductions (426)	1,769,176				1,769,176	3
Depreciation Expense on Meters Charged to Sewer					0	4
Salvage	4,758				4,758	5
Total credits	1,773,934	0	0	0	1,773,934	6
Debits during year						7
Book Cost of Plant Retired	105,922				105,922	8
Cost of Removal	10,319				10,319	9
Total debits	116,241	0	0	0	116,241	10
Balance end of year (111.2)	27,271,603	0	0	0	27,271,603	11

Net Nonutility Property (Accts. 121 & 122)

- g Report separately each item of property with a book cost of \$5,000 or more included in account 121.
- g Other items may be grouped by classes of property.
- g Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
3280-WR-114 Disallowed Construction Cost	5,609,832			5,609,832	2
Infrastructure	29,661	298		29,959	3
Land	457,967			457,967	4
Sewer Meters	287,139	9,574	11,216	285,497	5
Total Nonutility Property (121)	6,384,599	9,872	11,216	6,383,255	6
Less accum. prov. depr. & amort. (122)	220,802	153,116	11,216	362,702	7
Net Nonutility Property	6,163,797	(143,244)	0	6,020,553	8

Accumulated Provision for Uncollectible Accounts-Cr. (Acct. 144)

Description (a)	Amount (b)	
Balance first of year	0	1
Additions		2
Provision for uncollectibles during year	0	3
Collection of accounts previously written off: Utility Customers	0	4
Collection of accounts previously written off: Others	0	5
Total Additions	0	6
Accounts Written Off		7
Accounts written off during the year: Utility Customers	0	8
Accounts written off during the year: Others	0	9
Total Accounts Written Off	0	10
Balance End of Year	0	11

Materials and Supplies

Account (a)	Generation (b)	Transmission (d)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							1
Fuel (151)					0	0	2
Fuel stock expenses (152)					0	0	3
Plant mat. & oper. sup. (154)					0	0	4
Total Electric Utility	0	0	0	0	0	0	5

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	761,348	714,523	2
Sewer utility (154)			3
Heating utility (154)			4
Gas utility (154)			5
Merchandise (155)			6
Other materials & supplies (156)			7
Stores expense (163)			8
Total Material and Supplies	761,348	714,523	9

Unamortized Debt Discount & Expense & Premium on Debt (Accts. 181 and 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				1
None				2
Total	0		0	3
Unamortized premium on debt (251)				4
2009A REFUNDING BONDS	65,289	429	0	5
2009C REVENUE BONDS	7,211	429	0	6
2011 REVENUE BONDS	25,158	429	0	7
2012 REVENUE BONDS	72,316	429	940,111	8
2013 REVENUE BONDS	68,997	429	965,964	9
2015 REVENUE BONDS	114,783	429	1,836,522	10
2016A REVENUE BONDS	96,020	429	1,632,333	11
2016B REFUNDING BONDS	166,136	429	1,329,089	12
2018A REVENUE BONDS	92,101	429	1,749,910	13
2018B TAXABLE REVENUE NOTES	1,365	429	0	14
2019A REFUNDING BOND ISSUE	0	429	4,654,339	15
None				16
Total	709,376		13,108,268	17

Capital Paid in by Municipality (Acct. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Description (a)	Amount (b)	
Balance first of year	2,804,466	1
Payments received from City for additions to Utility Plant 2019	196,049 *	2
Payments recieved from City for additions to Utility Plant 2015-2018	88,995 *	3
Balance end of year	3,089,510	4

Capital Paid in by Municipality (Acct. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Capital Paid in by Municipality (Acct. 200) (Page F-15)

General Footnote

Madison Water Utility has received payments from The City of Madison for the installation of drinking fountain laterals, hydrants and water mains. We found that we had mischaracterized City payments in 2014 through 2018, they were classified as contributed capital and not Capital paid in by Municipality. This years entries make a correction for prior years.

Bonds (Acct. 221)

- g Report information required for each separate issue of bonds.
- g If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
- g Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.
- g Enter interest rates in decimal form. For example, enter 6.75% as 0.0675

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
2012 REVENUE BONDS	12/19/2012	01/01/2033	2.41%	15,790,000	1
2013 REVENUE BONDS	12/18/2013	01/01/2034	3.52%	19,685,000	2
2015 REVENUE BONDS	12/17/2015	01/01/2036	2.86%	36,955,000	3
2016-A REVENUE BONDS	12/28/2016	01/01/2037	3.18%	22,235,000	4
2016-B REFUNDING BONDS	12/28/2016	01/01/2028	3.18%	12,160,000	5
2018-A REVENUE BONDS	12/20/2018	01/01/2039	3.41%	30,765,000	6
2018-B TAXABLE REVENUE NOTES	12/20/2018	01/01/2028	3.42%	9,390,000	7
2019 BOND ANTICIPATION NOTES	12/19/2019	11/01/2024	1.57%	20,000,000	8
2019A REFUNDING BOONDS	12/19/2019	01/31/2031	1.65%	33,680,000	9
2019B REFUNDING BONDS	12/19/2019	01/01/2032	2.35%	13,055,000	10
Total				213,715,000	11

Notes Payable & Miscellaneous Long-Term Debt

- g Report each class of debt included in Accounts 223, 224 and 231.
- g Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
- g If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
- g Enter interest rates in decimal form. For example, enter 6.75% as 0.0675

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances from Municipality (223)					1
BURKE UTILITY DISTRICT #1	04/23/2008	04/23/2020	2.44%	466,756	2
PENSION LIABILITY	10/03/2010	10/01/2024	3.41%	711,452	3
Total for Account 223				1,178,208	4

Taxes Accrued (Acct. 236)

Description (a)	Amount (b)	
Balance first of year	0	1
Charged water department expense	7,543,750	2
Charged electric department expense		3
Charged gas department expense		4
Charged sewer department expense	182,331	5
Capitalized Taxes	48,772	6
Total accruals and other credits	7,774,853	7
County, state and local taxes	7,191,839	8
Social Security taxes	549,769	9
PSC Remainder Assessment	33,245	10
Gross Receipts Tax		11
Total payments and other debits	7,774,853	12
Balance end of year	0	13

Interest Accrued (Acct. 237)

- g Report below interest accrued on each utility obligation.
- g Report customer deposits under account 235.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)	0	0	0	0	1
2009-A REFUNDING BONDS	608,953	1,130,569	1,739,522	0	2
2009-C REVENUE BONDS	184,644	353,775	538,419	0	3
2010 TAXABLE REVENUE BONDS	212,615	405,568	618,183	0	4
2011 REVENUE BONDS	249,253	473,306	722,559	0	5
2012 REVENUE BONDS	285,700	534,000	552,700	267,000	6
2013 REVENUE BONDS	445,700	841,650	866,525	420,825	7
2015 Revenue Bonds	714,102	1,348,204	1,388,204	674,102	8
2016-A REVENUE BONDS	502,875	974,150	989,950	487,075	9
2016-B REFUNDING BONDS	314,000	585,200	606,600	292,600	10
2018-A REVENUE BONDS		1,268,202	652,902	615,300	11
2018-B TAXABLE REVENUE NOTES		315,007	162,173	152,834	12
Subtotal Bonds (221)	3,517,842	8,229,631	8,837,737	2,909,736	13
Advances from Municipality (223)	0	0	0	0	14
ADVANCE FROM CITY	7,653	29,745	30,614	6,784	15
BURKE UTILITY DISTRICT 1		11,117	11,117	0	16
Cash Flow Draw		9,354	9,354	0	17
Subtotal Advances from Municipality (223)	7,653	50,216	51,085	6,784	18
Other Long-Term Debt (224)	0	0	0	0	19
None				0	20
Subtotal Other Long-Term Debt (224)	0	0	0	0	21
Notes Payable (231)	0	0	0	0	22
None				0	23
Subtotal Notes Payable (231)	0	0	0	0	24
Customer Deposits (235)	0	0	0	0	25
None				0	26
Subtotal Customer Deposits (235)	0	0	0	0	27
Total	3,525,495	8,279,847	8,888,822	2,916,520	28

Balance Sheet Detail - Other Accounts

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Description (a)	Balance End of Year (b)	
Other Investments (124)	0	1
WATER LATERAL ASSESSMENTS	159,355	2
WATER MAIN ASSESSMENTS	3,267,614	3
Total (Acct. 124)	3,426,969	4
Sinking Funds (125)	0	5
BOND REDEMPTION	10,364,736	6
Construction Fund - Assessment	634,259	7
WW Construction Funds Invest	19,258,872	8
Total (Acct. 125)	30,257,867	9
Depreciation Fund (126)	0	10
DEPRECIATION	750,000	11
Total (Acct. 126)	750,000	12
Other Special Funds (128)	0	13
SPECIAL REDEMPTION RESERVE	17,229,539	14
Total (Acct. 128)	17,229,539	15
Cash and Working Funds (131)	0	16
Cash	4,523,704	17
Total (Acct. 131)	4,523,704	18
Working Funds (135)	0	19
Working Funds	20,920	20
Total (Acct. 135)	20,920	21
Customer Accounts Receivable (142)	0	22
Water	2,660,818	23
Total (Acct. 142)	2,660,818	24
Other Accounts Receivable (143)	0	25
Sewer (Non-regulated)		26
Merchandising, jobbing and contract work		27
DAMAGE CLAIMS	36,761 *	28
DEPOSITS ON DRUMS & CYLINDERS	12,327 *	29
DEVELOPERS, CONTRACTORS, PLUMBERS	78,140 *	30
DUE FROM OTHER MUNICIPALITIES, TAX ROLL	38,277 *	31
OTHER	112,417 *	32

Balance Sheet Detail - Other Accounts

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Total (Acct. 143)	277,922	33
Receivables from Municipality (145)	0	34
TAX ROLL ITEMS	1,111,689 *	35
Total (Acct. 145)	1,111,689	36
Prepayments (165)	0	37
PREPAID INSURANCE	128,468	38
PREPAID MEMBERSHIP	23,428	39
PREPAID PSC REMAINDER ASSESSMENT	37,249	40
Total (Acct. 165)	189,145	41
Interest and Dividends Receivable (171)	0	42
Interest Receivable on Investments	41,615	43
Total (Acct. 171)	41,615	44
Preliminary Survey and Investigation Charges (183)	0	45
UW 12 Conversion	297,806	46
UW 12 CONVERSION TO ZONE 2	5,035	47
UW 19 Fe and Mn Filter Addition	114,024	48
Total (Acct. 183)	416,865	49
Miscellaneous Deferred Debits (186)	0	50
Cumulative Effect - GASB 68 Pension	1,915,584	51
Cumulative Effect - GASB 75 - OPEB's	492,144	52
Deferred Outflows of Resources - GASB 68 Pension	8,727,673	53
Deferred Outflows of Resources - GASB 75 OPEB	148,082	54
Loss on Debt Refunding	733,367	55
Total (Acct. 186)	12,016,850	56
Accounts Payable (232)	0	57
Accounts Payable (232)	0	58
Accounts Payable	920,306	59
Retainage Payable	915	60
Total (Acct. 232)	921,221	61
Payables to Municipality (233)	0	62
Accrued Wages - City	459,272 *	63
Sales Tax Payable	59 *	64
Total (Acct. 233)	459,331	65
Miscellaneous Current and Accrued Liabilities (242)	0	66

Balance Sheet Detail - Other Accounts

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Accrued Comp. Time	189,358	67
Accrued Sick Leave	2,111,778	68
Accrued Vacation	168,793	69
Net OPEB Liability - GASB 75	2,698,894	70
Net Pension Liability - GASB 68	2,015,781	71
Total (Acct. 242)	7,184,604	72
Customer Advances for Construction (252)	0	73
CUSTOMER ADVANCES FOR CONSTRUCTION	119,242	74
Total (Acct. 252)	119,242	75
Other Deferred Credits (253)	0	76
Regulatory Liability	1,842,848	77
CONSERVATION PROGRAM	173,131	78
Deferred Inflows of Resources - GASB 68 Pension	5,900,243	79
Deferred Inflows of Resources - GASB 75 OPEB	261,485	80
Gain on Bond Refunding	83,703	81
Total (Acct. 253)	8,261,410	82

Balance Sheet Detail - Other Accounts

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Balance Sheet Detail - Other Accounts (Page F-22)

Explain amounts in Accounts 143, 145 and/or 233 in excess of \$10,000. Provide a short list or detailed description, but do not use terms such as other revenues, general, miscellaneous, or repeat the account title.

Account 143

Damage Claims . Customer Accounts Receivable for damage to Water Utility property.

Deposits on Drums and Cylinders . Money due to the Water Utility when drums and cylinders are returned.

Developers, Contractors, Plumbers . Money due to the Water Utility for expenses incurred during the installation of large services or private contract main installations.

Due From Other Municipalities . Tax Roll . Customer Accounts transferred to other Municipalities, added to owner's tax bill for collection.

Other . Receivables for the use of water from hydrants and for hydrant flow tests.

Account 145

Tax Roll Items . Receivable for Municipals Services bills transferred to the property tax roll.

Account 233-

Accrued Wages - City . Amounts due for 2017 payroll paid in 2018.

Sales tax payable due to the City.

Return on Rate Base Computation

- g The data used in calculating rate base are averages.
- g Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
- g For municipal utilities, do not include contributed plant in service, property held for future use, or construction work in progress with utility plant in service. These are not rate base components.
- g For private utilities, do not include property held for future use, or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Add Average						1
Utility Plant in Service (101.1)	285,954,106				285,954,106	2
Materials and Supplies	737,935				737,935	3
Less Average						4
Reserve for Depreciation (111.1)	65,747,527				65,747,527	5
Customer Advances for Construction					0	6
Regulatory Liability	2,073,202				2,073,202	7
Average Net Rate Base	218,871,312	0	0	0	218,871,312	8
Net Operating Income	14,494,219				14,494,219	9
Net Operating Income as a percent of Average Net Rate Base	6.62%	N/A	N/A	N/A	6.62%	10

Regulatory Liability - Pre-2003 Historical Accumulated Depreciation on Contributed Utility Plant (253)

Description (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Balance First of Year	2,303,556	0	0	0	2,303,556	1
Credits During Year					0	2
None					0	3
Charges (Deductions)					0	4
Miscellaneous Amortization (425)	460,708				460,708	5
Balance End of Year	1,842,848	0	0	0	1,842,848	6

Important Changes During the Year

Report changes of any of the following types:

1. Acquisitions

2. Leaseholder changes

3. Extensions of service

4. Estimated changes in revenues due to rate changes

5. Obligations incurred or assumed, excluding commercial paper

The Utility refunded its 2009, 2010 and 2011 revenue bonds in December 2019. The Utility issued \$20 million of Bond Anticipation Notes in 2019 to cover capital projects from 2019 through 2021.

6. Formal proceedings with the Public Service Commission

The Utility filed an application to review rates on July 1, 2019. The public hearing for 3280-WR-115 was held on May 15, 2020. A decision on the application is expected in the Summer of 2020.

7. Any additional matters

Water Operating Revenues & Expenses

Description (a)	This Year (b)	Last Year (c)	
Operating Revenues - Sales of Water			1
Sales of Water (460-467)	42,776,057	33,953,333	2
Total Sales of Water	42,776,057	33,953,333	3
Other Operating Revenues			4
Forfeited Discounts (470)	209,038	158,891	5
Rents from Water Property (472)	276,232	258,603	6
Interdepartmental Rents (473)	0	0	7
Other Water Revenues (474)	683,560	728,355	8
Total Other Operating Revenues	1,168,830	1,145,849	9
Total Operating Revenues	43,944,887	35,099,182	10
Operation and Maintenance Expenses			11
Source of Supply Expense (600-617)	59,804	250,277	12
Pumping Expenses (620-633)	3,745,525	4,144,090	13
Water Treatment Expenses (640-652)	726,021	835,570	14
Transmission and Distribution Expenses (660-678)	6,532,682	6,905,966	15
Customer Accounts Expenses (901-906)	611,451	819,482	16
Sales Expenses (910)	0	0	17
Administrative and General Expenses (920-932)	4,036,098	4,076,602	18
Total Operation and Maintenance Expenses	15,711,581	17,031,987	19
Other Operating Expenses			20
Depreciation Expense (403)	6,195,337	5,739,163	21
Amortization Expense (404-407)	0	0	22
Taxes (408)	7,543,750	7,145,381	23
Total Other Operating Expenses	13,739,087	12,884,544	24
Total Operating Expenses	29,450,668	29,916,531	25
NET OPERATING INCOME	14,494,219	5,182,651	26

Water Operating Revenues - Sales of Water

- g Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
- g Report estimated gallons for unmetered sales.
- g Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified multifamily residential.
- g Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered or measured by tank of pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (Account 461).
- g Report average number of individually-metered accounts (meters). The amount reported should be the average meter count. E.g. if a hospital has 5 meters, a total of 5 meters should be reported on this schedule in column b (Average No. of Customers).
- g Do not include meters or revenue billed under Schedule Am-1 (Additional Meter Rental Charge) in Account 461. Record revenues billed under Schedule Am-1 in Account 474.

Description (a)	Average No. Customer (b)	Thousand of Gallons of Water Sold (c)	Amount (d)	
Unmetered Sales to General Customers (460)				1
Residential (460.1)				2
Commercial (460.2)	110	32,360	386,489	3
Industrial (460.3)				4
Public Authority (460.4)				5
Multifamily Residential (460.5)				6
Irrigation (460.6)				7
Total Unmetered Sales to General Customers (460)	110	32,360	386,489	8
Metered Sales to General Customers (461)				9
Residential (461.1)	57,068	2,422,501	17,685,746	10
Commercial (461.2)	4,981	1,756,849	8,659,149	11
Industrial (461.3)	50	205,850	843,297	12
Public Authority (461.4)	475	1,176,100	5,971,080	13
Multifamily Residential (461.5)	4,320	1,959,055	8,107,000	14
Irrigation (461.6)	2,005	123,684	703,253	15
Total Metered Sales to General Customers (461)	68,899	7,644,039	41,969,525	16
Private Fire Protection Service (462)				17
Public Fire Protection Service (463)	3		139,369	18
Other Water Sales (465)				19
Sales for Resale (466)	10	96,040	280,674	20
Interdepartmental Sales (467)				21
Total Sales of Water	69,022	7,772,439	42,776,057	22

Sales for Resale (Acct. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)	
Fitchburg Water Utility	2 METER PITS	7,727	33,131	1
Village of Maple Bluff Municipal Water Utility	4 METER PITS	35,303	133,673	2
Village of Shorewood Hills Water Utility	4 METER PITS	53,010	113,870	3
Total		96,040	280,674	4

Other Operating Revenues (Water)

- g Report revenues relating to each account and fully describe each item using other than the account title.
- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
- g For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Description (a)	Amount (b)	
Public Fire Protection Service (463)		1
Amount billed (usually per rate schedule F-1 or Fd-1)	139,369	2
Wholesale fire protection billed		3
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		4
Total Public Fire Protection Service (463)	139,369	5
Forfeited Discounts (470)		6
Customer late payment charges	209,038	7
Total Forfeited Discounts (470)	209,038	8
Rents from Water Property (472)		9
Rent of tower for cellular antennas	276,232	10
Total Rents from Water Property (472)	276,232	11
Interdepartmental Rents (473)		12
None		13
Total Interdepartmental Rents (473)	0	14
Other Water Revenues (474)		15
Return on net investment in meters charged to sewer department	535,338	16
Damage Claims	7,380	17
Damage Meters	4,815	18
Final Account Read Charge	36,106	19
Hydrant Flow Test	2,480	20
Misc Water Revenue	12,436	21
Non-Standard Meter Charge	17,515	22
Return Payment Charge	3,272	23
Street Sprinkling Sales	6,746	24
Water for Construction	57,472	25
Total Other Water Revenues (474)	683,560	26

Other Operating Revenues (Water)

- g Report revenues relating to each account and fully describe each item using other than the account title.
- g Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
- g For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Other Operating Revenues (Water) (Page W-04)

Explain all amounts in Account 474 in excess of \$10,000.

Account 474 already includes accurate descriptions

Water Operation & Maintenance Expenses

- g Each expense account that has a difference between This Year and Last Year greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D) shall be fully explained. Please include breakdown of costs that contributed to the difference. Please reference the help document for more information.
- g Class C and class D report all expenses in Other Expense (column c)

Description (a)	Labor Expense (b)	Other Expense (c)	Total This Year (d)	Last Year (e)	
SOURCE OF SUPPLY EXPENSES					1
Operation Supervision and Engineering (600)			0	0	2
Operation Labor and Expenses (601)			0	0	3
Purchased Water (602)			0	0	4
Miscellaneous Expenses (603)			0	0	5
Rents (604)			0	0	6
Maintenance Supervision and Engineering (610)	9,277	1,179	10,456	13,464	7
Maintenance of Structures and Improvements (611)			0	0	8
Maintenance of Collecting and Impounding Reservoirs (612)	16,015	13,600	29,615	168,687 *	9
Maintenance of Lake, River and Other Intakes (613)			0	0	10
Maintenance of Wells and Springs (614)	8,683	11,009	19,692	65,118 *	11
Maintenance of Supply Mains (616)			0	0	12
Maintenance of Miscellaneous Water Source Plant (617)		41	41	3,008	13
Total Source of Supply Expenses	33,975	25,829	59,804	250,277	14
PUMPING EXPENSES					15
Operation Supervision and Engineering (620)	45,387	6,750	52,137	45,927	16
Fuel for Power Production (621)			0	0	17
Power Production Labor and Expenses (622)			0	0	18
Fuel or Power Purchased for Pumping (623)		1,861,531	1,861,531	2,070,053	19
Pumping Labor and Expenses (624)	372,599	72,805	445,404	419,495	20
Expenses Transferred--Credit (625)			0	0	21
Miscellaneous Expenses (626)	297,482	199,555	497,037	440,465	22
Rents (627)			0	0	23
Maintenance Supervision and Engineering (630)	158,480	24,435	182,915	158,104	24
Maintenance of Structures and Improvements (631)	207,584	123,379	330,963	343,896	25
Maintenance of Power Production Equipment (632)			0	0	26
Maintenance of Pumping Equipment (633)	198,467	177,071	375,538	666,150 *	27
Total Pumping Expenses	1,279,999	2,465,526	3,745,525	4,144,090	28
WATER TREATMENT EXPENSES					29
Operation Supervision and Engineering (640)	111,367	15,710	127,077	89,647 *	30
Chemicals (641)		131,024	131,024	157,996 *	31
Operation Labor and Expenses (642)	191,140	35,653	226,793	261,032	32
Miscellaneous Expenses (643)		95,780	95,780	120,102 *	33
Rents (644)			0	0	34
Maintenance Supervision and Engineering (650)	9,277	1,249	10,526	12,722	35
Maintenance of Structures and Improvements (651)			0	0	36
Maintenance of Water Treatment Equipment (652)	53,002	81,819	134,821	194,071 *	37
Total Water Treatment Expenses	364,786	361,235	726,021	835,570	38
TRANSMISSION AND DISTRIBUTION EXPENSES					39
Operation Supervision and Engineering (660)	257,899	39,595	297,494	287,150	40

Water Operation & Maintenance Expenses

- g Each expense account that has a difference between This Year and Last Year greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D) shall be fully explained. Please include breakdown of costs that contributed to the difference. Please reference the help document for more information.
- g Class C and class D report all expenses in Other Expense (column c)

Description (a)	Labor Expense (b)	Other Expense (c)	Total This Year (d)	Last Year (e)	
Storage Facilities Expenses (661)	78,911	24,120	103,031	114,281	41
Transmission and Distribution Lines Expenses (662)	320,613	86,634	407,247	413,089	42
Meter Expenses (663)	41,327	20,303	61,630	45,108 *	43
Customer Installations Expenses (664)	317,807	57,642	375,449	349,919	44
Miscellaneous Expenses (665)	1,246,703	299,625	1,546,328	1,416,147	45
Rents (666)			0	0	46
Maintenance Supervision and Engineering (670)			0	0	47
Maintenance of Structures and Improvements (671)			0	0	48
Maintenance of Distribution Reservoirs and Standpipes (672)	6,374	18,630	25,004	132,137 *	49
Maintenance of Transmission and Distribution Mains (673)	852,966	1,140,443	1,993,409	2,420,840 *	50
Maintenance of Services (675)	779,759	446,737	1,226,496	1,278,966	51
Maintenance of Meters (676)	142,851	35,586	178,437	178,885	52
Maintenance of Hydrants (677)	206,150	112,007	318,157	249,548 *	53
Maintenance of Miscellaneous Plant (678)	0		0	19,896 *	54
Total Transmission and Distribution Expenses	4,251,360	2,281,322	6,532,682	6,905,966	55
CUSTOMER ACCOUNTS EXPENSES					56
Supervision (901)	21,350	2,510	23,860	23,105	57
Meter Reading Expenses (902)	24,266	34,247	58,513	55,115	58
Customer Records and Collection Expenses (903)	187,837	236,393	424,230	537,726 *	59
Uncollectible Accounts (904)		(16,370)	(16,370)	0 *	60
Miscellaneous Customer Accounts Expenses (905)			0	0	61
Customer Service and Informational Expenses (906)	108,530	12,688	121,218	203,536 *	62
Total Customer Accounts Expenses	341,983	269,468	611,451	819,482	63
SALES EXPENSES					64
Sales Expenses (910)			0	0	65
Total Sales Expenses	0	0	0	0	66
ADMINISTRATIVE AND GENERAL EXPENSES					67
Administrative and General Salaries (920)	989,864	46,391	1,036,255	894,162	68
Office Supplies and Expenses (921)	156,750	585,473	742,223	486,777 *	69
Administrative Expenses Transferred--Credit (922)			0	0	70
Outside Services Employed (923)		121,163	121,163	267,394 *	71
Property Insurance (924)		42,954	42,954	35,442	72
Injuries and Damages (925)		301,095	301,095	327,732	73
Employee Pensions and Benefits (926)		1,696,871	1,696,871	1,719,881	74
Regulatory Commission Expenses (928)		17,636	17,636	74,151 *	75
Duplicate Charges--Credit (929)			0	0	76
Miscellaneous General Expenses (930)	6,807	67,454	74,261	268,398 *	77
Rents (931)			0	0	78
Maintenance of General Plant (932)		3,640	3,640	2,665	79
Total Administrative and General Expenses	1,153,421	2,882,677	4,036,098	4,076,602	80

Water Operation & Maintenance Expenses

- g Each expense account that has a difference between This Year and Last Year greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D) shall be fully explained. Please include breakdown of costs that contributed to the difference. Please reference the help document for more information.
- g Class C and class D report all expenses in Other Expense (column c)

Description (a)	Labor Expense (b)	Other Expense (c)	Total This Year (d)	Last Year (e)	
TOTAL OPERATION AND MAINTENANCE EXPENSES	7,425,524	8,286,057	15,711,581	17,031,987	81

Water Operation & Maintenance Expenses

- g Each expense account that has a difference between This Year and Last Year greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D) shall be fully explained. Please include breakdown of costs that contributed to the difference. Please reference the help document for more information.
- g Class C and class D report all expenses in Other Expense (column c)

Water Operation & Maintenance Expenses (Page W-05)

Explain all negative This Year amounts.

Account 904 - 2019 is the first year that MWU is completely on the City of Madison's ERP system, MUNIS. In 2018 MWU wrote off several old damage claim accounts but the City did not write these off in MUNIS. We had to put the accounts back on our books in 2019 so that our accounts matched the City's. This resulted in a net credit balance in 904 - Bad Debt - for 2019.

Explain all This Year amounts that are more than 15% and \$10,000 higher or lower than the Last Year amount. Please see the help document for examples.

Account 612A Maintenance of Collecting and Impounding Reservoirs
Lakeview Reservoir Landscaping closed in 2018, no projects closed in 2019

Account 614A Maintenance of Wells and Springs
More work orders closed in 2018 than 2019. 2018 also had flood damage repair

Account 633A Maintenance of Pumping Equipment
Closed more work orders in 2018 than 2019 less emergency pump repairs occurred.

Account 640A Operation Supervision and Engineering
Change in allocations from SL to Munis, and promotion of Principal Engineer to Assistant General Manager

Account 641A Chemicals
Unit Well 15 not in service because of PFAS, only well using Sulfuric Acid, reducing amount of chemicals needed.

Account 643A Miscellaneous Expenses
Less testing done in 2019

Account 652A Maintenance of Water Treatment Equipment
Closed more work orders in 2018 than 2019, purchased fewer chlorinators and fluoridators

Account 663A Meter Expenses
Couplings were moved from inventory to expense when purchased.

Account 672A Maintenance of Distribution Reservoirs and Standpipes
Repainted tank in 2018 98,831; none in 2019.

Account 673 - Maintenance of Transmission and Distribution Mains
Change in the way comp time is handled in new records system (Munis). Comp time is not charged to the expense when incurred (as was done in old system). When comp time is paid out or taken, it goes to payroll clearing, then is allocated to all expenses.

Account 677A Maintenance of Hydrants
Closed more work orders in 2018 than 2019 that affected the maintenance of hydrants

Account 678A Maintenance of Miscellaneous Plant
Security upgrades were done in 2018, none in 2019.

Account 903A Customer Records and Collection Expenses
In 2018 there were charges for Programming CIS for Rate Case Changes; postage for notifications, none in 2019

Account 906 - Per rate order 3280-WR-114, Conservation Expense for 2019 is \$121,218. 2018 was \$203,536 because it was based on 10 months of rate order 3280-WR-113 and only 2 months of rate order 3280-WR-114.

Account 921A Office Supplies and Expenses
Other City Agencies charges increased

Account 923A Outside services Employed
Rate case in 2018, consulting, and legal services charges are this account less in 2019.

Account 928A Regulatory Commission Expenses
Rate Case in 2018, less PSC charges in 2019

Account 930A Miscellaneous General Expenses
Underwriters cost for issuance of 2018 Bonds

Taxes (Acct. 408 - Water)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	This Year (b)	Last Year (c)	
Property Tax Equivalent	7,191,839	6,975,604	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department	182,331	181,148	2
Net Property Tax Equivalent	7,009,508	6,794,456	3
Social Security	549,769	518,876	4
PSC Remainder Assessment	33,245	35,672	5
Capitalized Taxes	(48,772)	(203,623)	6
Total Tax Expense	7,543,750	7,145,381	7

Water Property Tax Equivalent - Detail

- g No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
- g Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
- g The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
- g The utility plant balance first of year should include the gross book values of plant in service (total of utility financed and contributed plant), property held for future use and construction work in progress.
- g An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
- g **Property Tax Equivalent - Total**
 If the municipality has authorized a lower tax equivalent amount, the authorization description and date of the authorization must be included in the notes to the financial statements.

COUNTY: DANE(1)

SUMMARY OF TAX RATES			PROPERTY TAX EQUIVALENT CALCULATION		
1. State Tax Rate	mills	0.000000	12. Local Tax Rate	mills	8.903305
2. County Tax Rate	mills	2.866083	13. Combined School Tax Rate	mills	12.714098
3. Local Tax Rate	mills	8.903305	14. Other Tax Rate - Local	mills	0.000000
4. School Tax Rate	mills	11.776665	15. Total Local & School Tax Rate	mills	21.617403
5. Vocational School Tax Rate	mills	0.937433	16. Total Tax Rate	mills	24.483486
6. Other Tax Rate - Local	mills	0.000000	17. Ratio of Local and School Tax to Total	dec.	0.882938
7. Other Tax Rate - Non-Local	mills	0.000000	18. Total Tax Net of State Credit	mills	22.556161
8. Total Tax Rate	mills	24.483486	19. Net Local and School Tax Rate	mills	19.915694
9. Less: State Credit	mills	1.927325	20. Utility Plant, Jan 1	\$	385,434,847
11. Net Tax Rate	mills	22.556161	21. Materials & Supplies	\$	714,523
			22. Subtotal	\$	386,149,370
			23. Less: Plant Outside Limits	\$	3,506,153
			24. Taxable Assets	\$	382,643,217
			25. Assessment Ratio	dec.	0.943736
			26. Assessed Value	\$	361,114,179
			27. Net Local and School Tax Rate	mills	19.915694
			28. Tax Equiv. Computed for Current Year	\$	7,191,839

PROPERTY TAX EQUIVALENT - TOTAL

PROPERTY TAX EQUIVALENT CALCULATION	
1. Utility Plant, Jan 1	\$ 385,434,847
2. Materials & Supplies	\$ 714,523
3. Subtotal	\$ 386,149,370
4. Less: Plant Outside Limits	\$ 3,506,153
5. Taxable Assets	\$ 382,643,217
6. Assessed Value	\$ 361,114,179
7. Tax Equiv. Computed for Current Year	\$ 7,191,839
8. Tax Equivalent per 1994 PSC Report	\$ 2,077,440
9. Amount of Lower Tax Equiv. as Authorized by Municipality for Current Year (see notes)	\$
10. Tax Equivalent for Current Year (see notes)	\$ 7,191,839

Water Utility Plant in Service - Plant Financed by Utility or Municipality

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	1
INTANGIBLE PLANT						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
Total Intangible Plant	0	0	0	0	0	5
SOURCE OF SUPPLY PLANT						6
Land and Land Rights (310)	707,516	400			707,916	7
Structures and Improvements (311)	0				0	8
Collecting and Impounding Reservoirs (312)	6,361,246	6,122	590		6,366,778	9
Lake, River and Other Intakes (313)	0				0	10
Wells and Springs (314)	5,507,204				5,507,204	11
Supply Mains (316)	0				0	12
Other Water Source Plant (317)	157,362				157,362	13
Total Source of Supply Plant	12,733,328	6,522	590	0	12,739,260	14
PUMPING PLANT						15
Land and Land Rights (320)	435,347				435,347	16
Structures and Improvements (321)	13,327,305	24,002	926		13,350,381	17
Other Power Production Equipment (323)	1,526,161				1,526,161	18
Electric Pumping Equipment (325)	9,456,822	51,523	88,428	(37,035)	9,382,882 *	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	15,559				15,559	21
Total Pumping Plant	24,761,194	75,525	89,354	(37,035)	24,710,330	22
WATER TREATMENT PLANT						23
Land and Land Rights (330)	0				0	24
Structures and Improvements (331)	2,132,158				2,132,158	25
Sand or Other Media Filtration Equipment (332)	2,877,826	8,905	6,870		2,879,861	26
Membrane Filtration Equipment (333)	0				0	27
Other Water Treatment Equipment (334)	794,931	12,160	4,153		802,938	28
Total Water Treatment Plant	5,804,915	21,065	11,023	0	5,814,957	29
TRANSMISSION AND DISTRIBUTION PLANT						30
Land and Land Rights (340)	693,707				693,707	31
Structures and Improvements (341)	668,923				668,923	32
Distribution Reservoirs and Standpipes (342)	16,202,743	56,784			16,259,527 *	33
Transmission and Distribution Mains (343)	125,866,989	3,156,629	77,082		128,946,536 *	34
Services (345)	22,275,160	199,800	8,746		22,466,214 *	35
Meters (346)	19,324,343	560,923	149,739	(17,493)	19,718,034 *	36

Water Utility Plant in Service - Plant Financed by Utility or Municipality

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	
Hydrants (348)	17,107,641	724,857	93,621		17,738,877 *	37
Other Transmission and Distribution Plant (349)	0				0	38
Total Transmission and Distribution Plant	202,139,506	4,698,993	329,188	(17,493)	206,491,818	39
GENERAL PLANT						40
Land and Land Rights (389)	1,002,625				1,002,625	41
Structures and Improvements (390)	24,493,872	356,787	204,810		24,645,849 *	42
Office Furniture and Equipment (391)	663,162	9,748			672,910	43
Computer Equipment (391.1)	1,409,905	96,250			1,506,155 *	44
Transportation Equipment (392)	4,098,167	226,850	183,522		4,141,495 *	45
Stores Equipment (393)	124,511				124,511	46
Tools, Shop and Garage Equipment (394)	1,005,331	15,263			1,020,594	47
Laboratory Equipment (395)	9,200				9,200	48
Power Operated Equipment (396)	1,702,018	212,645	182,468		1,732,195 *	49
Communication Equipment (397)	185,236				185,236	50
SCADA Equipment (397.1)	3,470,536			37,035	3,507,571	51
Miscellaneous Equipment (398)	0				0	52
Total General Plant	38,164,563	917,543	570,800	37,035	38,548,341	53
Total utility plant in service directly assignable	283,603,506	5,719,648	1,000,955	(17,493)	288,304,706	54
Common Utility Plant Allocated to Water Department	0				0	55
TOTAL UTILITY PLANT IN SERVICE	283,603,506	5,719,648	1,000,955	(17,493)	288,304,706	56

Water Utility Plant in Service - Plant Financed by Utility or Municipality

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Water Utility Plant in Service - Plant Financed by Utility or Municipality (Page W-08)

Additions for one or more accounts exceed \$50,000, please explain. If applicable, provide construction authorization and PSC docket number.

Account 325 ~~Á~~ ~~E~~lectric Pumping Equipment
UW 6 VFD, UW29 Mag-flow meter and Pump; Flow Meters and VFD Retrofits

Account 342 - Distribution Reservoirs and Standpipes
Blackhawk Tower additional work put in to service

Account 343 ~~Á~~ ~~T~~ransmission and Distribution Mains
37,672.0 feet of Main Added

Account 345 ~~Á~~ ~~S~~ervices
531 Services added

Account 346 ~~Á~~ ~~M~~eters
2,283 Meters put in service

Account 348 ~~Á~~ ~~H~~ydrants
202 Hydrants added

Account 390 ~~Á~~ ~~S~~tructures and Improvements
Vehicle Storage Building Roof replaced

Account 391.1 Computer Equipment
Asset Management System (City Works) put in service

Account 392 ~~Á~~ ~~T~~ransportation Equipment
4 Heavy Duty Trucks added

Account 396 ~~Á~~ ~~P~~ower Operated Equipment
Backhoe, Bobcat

Retirements for one or more accounts exceed \$50,000, please explain.

Account 325 ~~Á~~ ~~E~~lectric Pumping Equipment
UW 6 VFD, UW29 Mag-flow meter and Pump; Flow Meters and VFD Retrofits

Account 343 ~~Á~~ ~~T~~ransmission and Distribution Mains
17,303.0 Feet of Main removed

Account 346 ~~Á~~ ~~M~~eters
1,673 Meters taken out of service

Account 348 ~~Á~~ ~~H~~ydrants
135 Hydrants removed/retired

Account 390 ~~Á~~ ~~S~~tructures and Improvements
Vehicle Storage Building old roof removed

Account 392 ~~Á~~ ~~T~~ransportation Equipment
7 vehicles removed from service

Account 396 ~~Á~~ ~~P~~ower Operated Equipment
Sale of Backhoe and Bobcat

Water Utility Plant in Service - Plant Financed by Contributions

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	
INTANGIBLE PLANT						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
Total Intangible Plant	0	0	0	0	0	5
SOURCE OF SUPPLY PLANT						6
Land and Land Rights (310)	0				0	7
Structures and Improvements (311)	0				0	8
Collecting and Impounding Reservoirs (312)	0				0	9
Lake, River and Other Intakes (313)	0				0	10
Wells and Springs (314)	0				0	11
Supply Mains (316)	0				0	12
Other Water Source Plant (317)	0				0	13
Total Source of Supply Plant	0	0	0	0	0	14
PUMPING PLANT						15
Land and Land Rights (320)	0				0	16
Structures and Improvements (321)	261,983				261,983	17
Other Power Production Equipment (323)	0				0	18
Electric Pumping Equipment (325)	211,332	37,687			249,019	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	0				0	21
Total Pumping Plant	473,315	37,687	0	0	511,002	22
WATER TREATMENT PLANT						23
Land and Land Rights (330)	0				0	24
Structures and Improvements (331)	0				0	25
Sand or Other Media Filtration Equipment (332)	0				0	26
Membrane Filtration Equipment (333)	0				0	27
Other Water Treatment Equipment (334)	0				0	28
Total Water Treatment Plant	0	0	0	0	0	29
TRANSMISSION AND DISTRIBUTION PLANT						30
Land and Land Rights (340)	1,000				1,000	31
Structures and Improvements (341)	0				0	32
Distribution Reservoirs and Standpipes (342)	14,250				14,250	33
Transmission and Distribution Mains (343)	67,566,084	2,182,921	46,770		69,702,235 *	34
Services (345)	22,954,487	981,677	8,945		23,927,219 *	35
Meters (346)	9,215				9,215	36

Water Utility Plant in Service - Plant Financed by Contributions

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	
Hydrants (348)	7,933,718	397,775	50,207		8,281,286 *	37
Other Transmission and Distribution Plant (349)	0				0	38
Total Transmission and Distribution Plant	98,478,754	3,562,373	105,922	0	101,935,205	39
GENERAL PLANT						40
Land and Land Rights (389)	0				0	41
Structures and Improvements (390)	0				0	42
Office Furniture and Equipment (391)	0				0	43
Computer Equipment (391.1)	0				0	44
Transportation Equipment (392)	0				0	45
Stores Equipment (393)	0				0	46
Tools, Shop and Garage Equipment (394)	0				0	47
Laboratory Equipment (395)	0				0	48
Power Operated Equipment (396)	0				0	49
Communication Equipment (397)	0				0	50
SCADA Equipment (397.1)	0				0	51
Miscellaneous Equipment (398)	0				0	52
Total General Plant	0	0	0	0	0	53
Total utility plant in service directly assignable	98,952,069	3,600,060	105,922	0	102,446,207	54
Common Utility Plant Allocated to Water Department	0				0	55
TOTAL UTILITY PLANT IN SERVICE	98,952,069	3,600,060	105,922	0	102,446,207	56

Water Utility Plant in Service - Plant Financed by Contributions

- g All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (e), Adjustments.
- g Explain fully as a footnote the nature of all entries reported in Column (e), Adjustments.
- g For each account over \$50,000 (class AB) or \$25,000 (class C) or \$10,000 (class D), explain in the footnotes section the dollar additions and retirements. If applicable, the footnotes should cite construction authorization, complete with PSC docket number.
- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.
- g The treatment plant accounts have changed since 2008 and that they should confirm the dollar amounts are in the right account.
- g [PSC Uniform System of Accounts](#)

Water Utility Plant in Service - Plant Financed by Contributions (Page W-09)

5 XXJhcbg'Zf'cbYcf'a cfYUWti brg'YI WYX") \$Z\$Zd'YUgYI d'Ujb" ZUdd'JUV'YZdfcj JXYVcbgfi Wjcb'Ui h cfJnUjcb'UbX'DG7'XcW_Yh number.

Account 343A Transmission and Distribution Mains
37,672.0 feet of Main Added

Account 345A Services
531 Services added

Account 348A Hydrants
202 Hydrants added

Retirements for one or more accounts exceed \$50,000, please explain.

Account 348A Hydrants
135 Hydrants removed/retired

Water Accumulated Provision for Depreciation - Plant Financed by Utility or Municipality

g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 g If more than one depreciation rate is used, report the average rate in column (c).
 g Enter depreciation rates in decimal form. For example, enter 6.75% as 0.0675

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
SOURCE OF SUPPLY PLANT									1
Structures and Improvements (311)	0							0	2
Collecting and Impounding Reservoirs (312)	3,336,187	1.70%	108,188	590	59			3,443,726	3
Lake, River and Other Intakes (313)	0							0	4
Wells and Springs (314)	2,617,336	2.90%	159,709					2,777,045	5
Supply Mains (316)	0							0	6
Other Water Source Plant (317)	67,270	4.50%	7,081					74,351	7
Total Source of Supply Plant	6,020,793		274,978	590	59	0	0	6,295,122	8
PUMPING PLANT									9
Structures and Improvements (321)	4,098,794	3.20%	426,842	926	93		14,650	4,539,267 *	10
Other Power Production Equipment (323)	200,376	4.40%	67,151					267,527	11
Electric Pumping Equipment (325)	4,221,086	4.40%	414,473	88,428	2,507		(7,333)	4,537,291 *	12
Diesel Pumping Equipment (326)	0							0	13
Other Pumping Equipment (328)	15,559	4.40%						15,559	14
Total Pumping Plant	8,535,815		908,466	89,354	2,600	0	7,317	9,359,644	15
WATER TREATMENT PLANT									16
Structures and Improvements (331)	313,367	3.20%	68,229					381,596	17
Sand or Other Media Filtration Equipment (332)	453,570	3.30%	95,002	6,870	687			541,015	18
Membrane Filtration Equipment (333)	0							0	19
Other Water Treatment Equipment (334)	243,600	6.00%	47,936	4,153	415			286,968	20
Total Water Treatment Plant	1,010,537		211,167	11,023	1,102	0	0	1,209,579	21
TRANSMISSION AND DISTRIBUTION PLANT									22
Structures and Improvements (341)	248,299	3.20%	21,406					269,705	23
Distribution Reservoirs and Standpipes (342)	2,725,628	1.90%	308,391					3,034,019	24
Transmission and Distribution Mains (343)	14,804,382	1.30%	1,695,310	77,082	7,332	960		16,416,238	25
Services (345)	8,435,737	2.90%	648,750	8,746	1,915	1,165		9,074,991	26
Meters (346)	6,137,204	5.50%	1,073,665	149,739		23,052		7,084,182	27

Water Accumulated Provision for Depreciation - Plant Financed by Utility or Municipality

g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 g If more than one depreciation rate is used, report the average rate in column (c).
 g Enter depreciation rates in decimal form. For example, enter 6.75% as 0.0675

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
Hydrants (348)	2,481,750	2.20%	383,311	93,621	7,832	5,568		2,769,176	28
Other Transmission and Distribution Plant (349)	0	1.55%						0	29
Total Transmission and Distribution Plant	34,833,000		4,130,833	329,188	17,079	30,745	0	38,648,311	30
GENERAL PLANT									31
Structures and Improvements (390)	5,712,696	2.90%	712,526	204,810			(78,653)	6,141,759 *	32
Office Furniture and Equipment (391)	348,486	5.80%	38,746				(1,765)	385,467 *	33
Computer Equipment (391.1)	1,409,905	26.70%	96,250					1,506,155	34
Transportation Equipment (392)	1,791,221	12.00%	326,431	183,522		12,342		1,946,472	35
Stores Equipment (393)	68,134	5.80%	7,222				(726)	74,630 *	36
Tools, Shop and Garage Equipment (394)	422,752	5.80%	58,752			505	(454)	481,555 *	37
Laboratory Equipment (395)	9,199	5.80%						9,199	38
Power Operated Equipment (396)	949,357	5.80%	123,240	182,468		62,348		952,477	39
Communication Equipment (397)	180,403	9.20%	4,833					185,236	40
SCADA Equipment (397.1)	1,331,741	9.20%	320,993				15,333	1,668,067 *	41
Miscellaneous Equipment (398)	0							0	42
Total General Plant	12,223,894		1,688,993	570,800	0	75,195	(66,265)	13,351,017	43
Total accum. prov. directly assignable	62,624,039		7,214,437	1,000,955	20,840	105,940	(58,948)	68,863,673	44
Common Utility Plant Allocated to Water Department	0							0	45
TOTAL ACCUM, PROV, FOR DEPRECIATION	62,624,039		7,214,437	1,000,955	20,840	105,940	(58,948)	68,863,673	46

Water Accumulated Provision for Depreciation - Plant Financed by Utility or Municipality

- g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
- g If more than one depreciation rate is used, report the average rate in column (c).
- g Enter depreciation rates in decimal form. For example, enter 6.75% as 0.0675

Water Accumulated Provision for Depreciation - Plant Financed by Utility or Municipality (Page W-10)**Adjustments are nonzero for one or more accounts, please explain.**

Account 321 - adjustment is for the receipt of insurance proceeds for a damaged pump
Account 325 - Entry to True-up the Accumulated Depreciation for the 2014-2018 period related to the reclassification of SCADA controls erroneously closed this account
Account 390 - adjustment to correct accumulated depreciation for disallowed plant for 2018 depreciation expense that was moved to Acct. 122 - Non-utility plant.
Account 391 - adjustment to correct accumulated depreciation for disallowed plant for 2018 depreciation expense that was moved to Acct. 122 - Non-utility plant.
Account 393 - adjustment to correct accumulated depreciation for disallowed plant for 2018 depreciation expense that was moved to Acct. 122 - Non-utility plant.
Account 394 - adjustment to correct accumulated depreciation for disallowed plant for 2018 depreciation expense that was moved to Acct. 122 - Non-utility plant.
Account 3971 - Entry to True-up the Accumulated Depreciation for the 2014-2018 period related to the reclassification of SCADA controls erroneously closed this account

Water Accumulated Provision for Depreciation - Plant Financed by Contributions

g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 g If more than one depreciation rate is used, report the average rate in column (c).
 g Enter depreciation rates in decimal form. For example, enter 6.75% as 0.0675

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
SOURCE OF SUPPLY PLANT									1
Structures and Improvements (311)	0							0	2
Collecting and Impounding Reservoirs (312)	0							0	3
Lake, River and Other Intakes (313)	0							0	4
Wells and Springs (314)	0							0	5
Supply Mains (316)	0							0	6
Other Water Source Plant (317)	0							0	7
Total Source of Supply Plant	0		0	0	0	0	0	0	8
PUMPING PLANT									9
Structures and Improvements (321)	160,956	3.20%	8,383					169,339	10
Other Power Production Equipment (323)	0							0	11
Electric Pumping Equipment (325)	174,754	4.40%	10,128					184,882	12
Diesel Pumping Equipment (326)	0							0	13
Other Pumping Equipment (328)	0							0	14
Total Pumping Plant	335,710		18,511	0	0	0	0	354,221	15
WATER TREATMENT PLANT									16
Structures and Improvements (331)	0							0	17
Sand or Other Media Filtration Equipment (332)	0							0	18
Membrane Filtration Equipment (333)	0							0	19
Other Water Treatment Equipment (334)	0							0	20
Total Water Treatment Plant	0		0	0	0	0	0	0	21
TRANSMISSION AND DISTRIBUTION PLANT									22
Structures and Improvements (341)	0							0	23
Distribution Reservoirs and Standpipes (342)	8,787	1.90%	271					9,058	24
Transmission and Distribution Mains (343)	13,790,330	1.30%	892,244	46,770	5,982	582		14,630,404	25
Services (345)	9,467,279	2.90%	679,784	8,945	1,098	1,191		10,138,211	26
Meters (346)	9,215	5.50%						9,215	27

Water Accumulated Provision for Depreciation - Plant Financed by Contributions

g Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
 g If more than one depreciation rate is used, report the average rate in column (c).
 g Enter depreciation rates in decimal form. For example, enter 6.75% as 0.0675

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
Hydrants (348)	2,002,586	2.20%	178,366	50,207	3,239	2,985		2,130,491	28
Other Transmission and Distribution Plant (349)	0							0	29
Total Transmission and Distribution Plant	25,278,197		1,750,665	105,922	10,319	4,758	0	26,917,379	30
GENERAL PLANT									31
Structures and Improvements (390)	0							0	32
Office Furniture and Equipment (391)	0							0	33
Computer Equipment (391.1)	0							0	34
Transportation Equipment (392)	0							0	35
Stores Equipment (393)	0							0	36
Tools, Shop and Garage Equipment (394)	0							0	37
Laboratory Equipment (395)	0							0	38
Power Operated Equipment (396)	0							0	39
Communication Equipment (397)	0							0	40
SCADA Equipment (397.1)	0							0	41
Miscellaneous Equipment (398)	0							0	42
Total General Plant	0		0	0	0	0	0	0	43
Total accum. prov. directly assignable	25,613,907		1,769,176	105,922	10,319	4,758	0	27,271,600	44
Common Utility Plant Allocated to Water Department	0							0	45
TOTAL ACCUM, PROV, FOR DEPRECIATION	25,613,907		1,769,176	105,922	10,319	4,758	0	27,271,600	46

Age of Water Mains

g If asset management, capital improvement, or other infrastructure-related documents are not available, the utility should consult other potential sources of information: the year the utility was formed, year of initial build-out area, year in which new developments, subdivisions, etc. were added. This information can be used to develop estimated figures.

g If pipe diameter value is between those offered in the column, choose the diameter that is closest to the actual value.

g Report all pipe larger than 14" in diameter in the 14" category.

Pipe Size (a)	Feet of Main										Total (l)		
	pre-1900 (b)	1901-1920 (c)	1920-1940 (d)	1941-1960 (e)	1961-1970 (f)	1971-1980 (g)	1981-1990 (h)	1991-2000 (i)	2001-2010 (j)	2011-2020 (k)			
0.750			114	339	61	12	123					649	1
1.000			595	1,653	408	364		309	140	12		3,481	2
1.250			464									464	3
1.500			30	1,012	316	97	455	177		209		2,296	4
2.000			22	3,954	63	4	327	452	178	1,240		6,240	5
3.000	38			477	257	387						1,159	6
4.000	10,039	14,292	20,078	27,969	2,299	143	1,682	3,386	733	659		81,280	7
6.000	13,895	54,492	129,697	702,009	284,713	88,632	36,291	33,771	18,806	65,129		1,427,435	8
8.000	2,582	16,680	33,638	99,129	63,956	158,469	154,084	310,481	481,793	355,362		1,676,174	9
10.000	409	4,083	34,244	102,265	55,712	77,013	122,155	126,517	75,233	21,895		619,526	10
12.000	614	9,003	18,280	17,554	54,209	45,137	62,173	135,902	134,410	157,086		634,368	11
14.000	768		44		1,051	33			1,556	2		3,454	12
16.000		442	142	3,536	30,184	40,223	29,841	55,533	62,471	42,873		265,245	13
18.000						25			56			81	14
20.000		856	6,683		10,665	16,922	7,281	32	12,132	2,403		56,974	15
24.000					2,178		38		252			2,468	16
Total	28,345	99,848	244,031	959,897	506,072	427,461	414,450	666,560	787,760	646,870		4,781,294	17

Describe source of information used to develop data:

The source of this information is a report run on data in our GIS System. This information differs from the information provided on Schedule W-21. The total feet reported on this schedule is more than on Schedule W-21. A partial explanation would be that this report was run as of March 16, 2020 and Schedule W-21 contains work completed by December 31, 2019, which results in a timing issue.

Sources of Water Supply - Statistics

- g For Raw Water Withdrawn, use metered volume of untreated water withdrawn from the source.
- g For Finished Water Pumped, use metered volume of water pumped, adjusted for known meter errors. Describe known meter errors in Notes Section.
- g If Finished Water is not metered, use Raw Water Withdrawn and subtract estimated water used in treatment.

Month (a)	Sources of Water Supply (000's gal)						Total Gallons Entering Distribution System (h)	
	Raw Water Withdrawn		Finished Water Pumped		Purchased Water (Imported)			
	Ground Water (b)	Surface Water (c)	Ground Water (d)	Surface Water (e)	Ground Water (f)	Surface Water (g)		
January	710,220		710,220				710,220	1
February	690,471		690,471				690,471	2
March	743,033		743,033				743,033	3
April	740,102		740,102				740,102	4
May	774,987		774,987				774,987	5
June	754,401		754,401				754,401	6
July	845,763		845,763				845,763	7
August	820,855		820,855				820,855	8
September	762,576		762,576				762,576	9
October	737,170		737,170				737,170	10
November	702,330		702,330				702,330	11
December	691,212		691,212				691,212	12
TOTAL	8,973,120	0	8,973,120	0	0	0	8,973,120	13

Water Audit and Other Statistics

- g Where possible, report actual metered values. If water uses are not metered, estimate values for each line based on best available information. For assistance, refer to AWWA M36 Manual . Water Audits and Loss Control Programs.
- g For unbilled, unmetered gallons (line 16), include water used for system operation and maintenance and water used for non-regulated sewer utility.
- g If gallons estimated due to theft, data, and billing errors is unknown, multiply net gallons entering distribution system (line 3) by .0025.

Description (a)	Value (b)
WATER AUDIT STATISTICS	
Finished Water pumped or purchased (000s)	8,973,120
Less: Gallons (000s) sold to wholesale customers (exported water)	96,040
Subtotal: Net gallons (000s) entering distribution system	8,877,080
Less: Gallons (000s) sold to retail customers (billed, metered)	7644039
Less: Gallons (000s) sold to retail customers (billed, unmetered)	32360
Gallons (000s) of Non-Revenue Water	1,200,681
Gallons (000s) of unbilled-metered (including customer use to prevent freezing)	0
Gallons (000s) of unbilled-unmetered (including unmetered flushing, fire protection)	76,112
Subtotal: Unbilled Authorized Consumption	76,112
Total Water Loss	1,124,569
Gallons (000s) estimated due to unauthorized consumption (includes theft) default option	
Gallons (000s) estimated due to data and billing errors	
Gallons (000s) estimated due to customer meter under-registration	0
Subtotal Apparent Losses	0
Gallons (000s) estimated due to reported leakage (mains, services, hydrants, overflows)	25,326
Gallons (000s) estimated due to unreported and background leakage	1,099,243
Subtotal Real Losses (leakage)	1,124,569
Non-Revenue Water as percentage of net water supplied	14%
Total Water Loss as percentage of net water supplied	13%
OTHER STATISTICS	
Maximum gallons (000s) pumped by all methods in any one day during reporting year	31,900
Date of maximum	07/16/2019
Cause of maximum	
Maximum pumpage occurred on a very hot day and we received very little rain in the preceding 10 days.	
Minimum gallons (000s) pumped by all methods in any one day during reporting year	15,910
Date of minimum	12/25/2019
Total KWH used by the utility (including pumping, treatment facilities and other utility operations)	18,929,598
If water is purchased:	
Vendor Name	
Point of Delivery	
Source of purchased water	
Vendor Name (2)	
Point of Delivery (2)	
Source of purchased water (2)	
Vendor Name (3)	
Point of Delivery (3)	
Source of purchased water (3)	
Number of main breaks repaired this year	231
Number of service breaks repaired this year	45

Sources of Water Supply - Well Information

- g Enter characteristics for each of the utility's functional wells (regardless of whether it is in service or not).
- g Do not include abandoned wells on this schedule.
- g All abandoned wells should be retired from the plant accounts and no longer listed in the utility's annual report.
- g Abandoned wells should be permanently filled and sealed per Wisconsin Administrative codes Chapters NR811 and NR812.

Utility Name/ID for Well (a)	DNR Well ID (b)	Depth (feet) (c)	Casing Diameter (inches) (d)	Yield Per Day (gallons) (e)	In Service? (f)	
102 DEMPSEY RD	11	756	22	3,074,000	Yes	1
1133 MOORLAND ROAD	30	800	29	3,442,000	Yes	2
1201 WHEELER RD	13	780	23	3,629,000	Yes	3
1709 N SHERMAN AVE	07	737	16	3,341,000	Yes	4
18 N RANDALL AVE	27	744	29	2,950,000	Yes	5
1925 S PARK ST	18	808	29	2,810,000	Yes	6
201 S HANCOCK ST	17	801	23	3,462,000	Yes	7
2526 LAKE MENDOTA DR	19	718	29	3,372,000	Yes	8
2757 UNIVERSITY AVE	06	750	22	3,610,000	Yes	9
2829 PRAIRIE RD	20	1,068	29	2,910,000	Yes	10
3206 LAKELAND AVE	08	774	16	3,177,000	Yes	11
3900 E WASHINGTON AVE	15	753	22	3,190,000	Yes	12
4502 LEO DR	23	500	12	1,814,000	Yes	13
4724 SPAANEM AVE	09	843	19	2,498,000	Yes	14
4901 TRADEWINDS PARKWAY	31	856	29	3,168,000	Yes	15
5130 UNIVERSITY AVE	14	715	22	2,709,000	Yes	16
5415 QUEENSBRIDGE RD	25	824	29	3,110,000	Yes	17
6706 MINERAL POINT RD	16	1,004	22	3,302,000	Yes	18
801 S WHITNEY WAY	12	986	23	3,312,000	Yes	19
809 E DAYTON ST	24	729	29	2,887,000	Yes	20
8210 OLD SAUK ROAD	28	882	29	3,280,000	Yes	21
829 N THOMPSON DR	29	815	29	3,168,000	Yes	22
910 HIGH POINT RD	26	1,188	29	2,917,000	Yes	23
				71,132,000		24

Sources of Water Supply - Intake Information

--- THIS SCHEDULE NOT APPLICABLE TO THIS UTILITY---

Pumping & Power Equipment

Identification (a)	Location (b)	Pump				Pump Motor or Standby Engine				
		Primary Purpose (c)	Primary Destination (d)	Year Installed (e)	Type (f)	Actual Capacity (gpm) (g)	Year Installed (j)	Type (k)	Horse-power (l)	
060-C-22554	UNIT WELL 6	Primary	Reservoir	2014	Vertical Turbine	2,400	1956	Electric	200	1
061-39692	UNIT WELL 6	Booster	Distribution	2018	Centrifugal	2,100	2018	Electric	150	2
070-14-M-270	UNIT WELL 7	Primary	Reservoir	2015	Vertical Turbine	2,400	2015	Electric	200	3
071-410469	UNIT WELL 7	Booster	Distribution	2015	Centrifugal	2,100	2015	Electric	150	4
071-410470	UNIT WELL 7	Booster	Distribution	2015	Centrifugal	2,100	2015	Electric	150	5
080-59731A	UNIT WELL 8	Primary	Reservoir	2000	Vertical Turbine	1,750	2000	Electric	125	6
081-603866	UNIT WELL 8	Booster	Distribution	1948	Centrifugal	1,400	1948	Electric	150	7
090-2626067	UNIT WELL 9	Primary	Reservoir	2005	Vertical Turbine	1,700	1952	Electric	150	8
091-80187	UNIT WELL 9	Booster	Distribution	1956	Centrifugal	2,000	1956	Electric	100	9
110-11302247	UNIT WELL 11	Primary	Reservoir	2005	Vertical Turbine	2,200	1981	Electric	100	10
111-WAA073851	UNIT WELL 11	Booster	Distribution	1984	Centrifugal	2,100	2012	Electric	150	11
120-520305	UNIT WELL 12	Primary	Reservoir	2006	Vertical Turbine	2,350	1959	Electric	250	12
121-65433	UNIT WELL 12	Booster	Distribution	1959	Centrifugal	2,100	1959	Electric	150	13
130-7077	UNIT WELL 13	Primary	Reservoir	2014	Vertical Turbine	2,400	1959	Electric	250	14
131-A-6-38549	UNIT WELL 13	Booster	Distribution	1960	Centrifugal	2,100	1960	Electric	200	15
140-96-09969	UNIT WELL 14	Primary	Reservoir	2017	Vertical Turbine	2,400	1980	Electric	50	16
141-SAG-43852	UNIT WELL 14	Booster	Distribution	1962	Centrifugal	1,800	1962	Electric	150	17
150-53920A	UNIT WELL 15	Primary	Reservoir	2014	Vertical Turbine	2,200	2014	Electric	150	18
151-53921	UNIT WELL 15	Booster	Distribution	2014	Centrifugal	2,100	2014	Electric	150	19
160-58734	UNIT WELL 16	Primary	Reservoir	2016	Vertical Turbine	2,250	1968	Electric	250	20
161-58735	UNIT WELL 16	Booster	Distribution	1968	Centrifugal	1,650	1968	Electric	100	21
162-58736	UNIT WELL 16	Booster	Distribution	1968	Centrifugal	2,150	1968	Electric	125	22
170-409263	UNIT WELL 17	Primary	Reservoir	2002	Vertical Turbine	2,300	1968	Electric	150	23

Pumping & Power Equipment

Identification (a)	Location (b)	Pump				Pump Motor or Standby Engine				
		Primary Purpose (c)	Primary Destination (d)	Year Installed (e)	Type (f)	Actual Capacity (gpm) (g)	Year Installed (j)	Type (k)	Horse-power (l)	
171-319294	UNIT WELL 17	Booster	Distribution	2014	Centrifugal	1,600	1968	Electric	150	24
172-319295	UNIT WELL 17	Booster	Distribution	2014	Centrifugal	2,100	1968	Electric	200	25
180-98-10089	UNIT WELL 18	Primary	Reservoir	2009	Vertical Turbine	1,700	1971	Electric	200	26
181-A1705102091	UNIT WELL 18	Booster	Distribution	2018	Centrifugal	1,800	2018	Electric	125	27
182-1MA297129G-1-GV	UNIT WELL 18	Booster	Distribution	1971	Centrifugal	2,100	2003	Electric	150	28
190-10588	UNIT WELL 19	Primary	Reservoir	2016	Vertical Turbine	2,400	1974	Electric	150	29
191-731-07982-1-1	UNIT WELL 19	Booster	Distribution	1974	Centrifugal	1,400	1974	Electric	125	30
192-731-07982-3-1	UNIT WELL 19	Booster	Distribution	1974	Centrifugal	1,800	1974	Electric	150	31
193-731-07982-3-2	UNIT WELL 19	Booster	Distribution	1974	Centrifugal	2,100	1974	Electric	150	32
200-73923	UNIT WELL 20	Primary	Reservoir	2011	Vertical Turbine	2,050	2013	Electric	350	33
201-76902	UNIT WELL 20	Booster	Distribution	2013	Centrifugal	2,000	2013	Electric	75	34
202-524190	UNIT WELL 20	Booster	Distribution	2013	Centrifugal	2,000	2013	Electric	75	35
230-385340	UNIT WELL 23	Primary	Reservoir	2015	Vertical Turbine	1,200	1977	Electric	60	36
231-40171	UNIT WELL 23	Booster	Distribution	2014	Centrifugal	750	1962	Electric	60	37
240-	UNIT WELL 24	Primary	Reservoir	2012	Vertical Turbine	2,100	1980	Electric	150	38
241-751661	UNIT WELL 24	Booster	Distribution	1952	Centrifugal	1,225	1952	Electric	100	39
242-756189	UNIT WELL 24	Booster	Distribution	2014	Centrifugal	2,100	2014	Electric	150	40
243-25795	UNIT WELL 24	Booster	Distribution	1975	Centrifugal	3,000	1975	Electric	200	41
250-ME575368	UNIT WELL 25	Primary	Reservoir	2016	Vertical Turbine	1,800	2010	Electric	200	42
251-100468440	UNIT WELL 25	Booster	Distribution	2010	Centrifugal	1,400	2010	Electric	100	43
252-1002446664	UNIT WELL 25	Booster	Distribution	2010	Centrifugal	2,100	2010	Electric	150	44
260-Z2FC14C307T1-1	UNIT WELL 26	Primary	Reservoir	2012	Vertical Turbine	2,200	2015	Electric	350	45
261-P11P2580031R-1	UNIT WELL 26	Booster	Distribution	1988	Centrifugal	1,000	1988	Electric	50	46
262-767430	UNIT WELL 26	Booster	Distribution	1988	Centrifugal	2,000	1988	Electric	100	47

Pumping & Power Equipment

Identification (a)	Location (b)	Pump				Pump Motor or Standby Engine				
		Primary Purpose (c)	Primary Destination (d)	Year Installed (e)	Type (f)	Actual Capacity (gpm) (g)	Year Installed (j)	Type (k)	Horse-power (l)	
270-5KS445DP6005C	UNIT WELL 27	Primary	Reservoir	2012	Vertical Turbine	2,200	1992	Electric	200	48
271-C636/T10TL15R007R-3	UNIT WELL 27	Booster	Distribution	1992	Centrifugal	1,500	1992	Electric	125	49
272-G52703/U1IU2550018R-1	UNIT WELL 27	Booster	Distribution	1992	Centrifugal	2,100	1992	Electric	150	50
280-VD6-7593266-0001R0005	UNIT WELL 28	Primary	Reservoir	2014	Vertical Turbine	2,200	2014	Electric	250	51
281-RSG162401	UNIT WELL 28	Booster	Distribution	2002	Centrifugal	1,400	2002	Electric	125	52
282-RSG162021	UNIT WELL 28	Booster	Distribution	2002	Centrifugal	2,100	2002	Electric	150	53
290-15-M-180	UNIT WELL 29	Primary	Reservoir	2019	Vertical Turbine	2,200	2019	Electric	250	54
291-DC526625	UNIT WELL 29	Booster	Distribution	2005	Centrifugal	2,100	2005	Electric	125	55
292-DC526624	UNIT WELL 29	Booster	Distribution	2005	Centrifugal	2,100	2005	Electric	125	56
300-K0320038851-100R-01	UNIT WELL 30	Primary	Reservoir	2015	Vertical Turbine	2,200	2015	Electric	250	57
301-DC1191159	UNIT WELL 30	Booster	Distribution	2006	Centrifugal	2,100	2006	Electric	150	58
302-DC1191160	UNIT WELL 30	Booster	Distribution	2006	Centrifugal	2,100	2006	Electric	150	59
310-X10-7658378-0002-R-0004	UNIT WELL 31	Primary	Reservoir	2018	Vertical Turbine	2,200	2018	Electric	250	60
311-Y09-797666-0001-R-0003	UNIT WELL 31	Booster	Distribution	2018	Centrifugal	2,100	2018	Electric	150	61
312-Y09-797666-0001-R-0001	UNIT WELL 31	Booster	Distribution	2018	Centrifugal	2,100	2018	Electric	150	62
313-Y09-797666-0001-R-0002	UNIT WELL 31	Booster	Distribution	2018	Centrifugal	2,100	2018	Electric	150	63

Reservoirs, Standpipes and Elevated Tanks

g Enter elevation difference between highest water level in Standpipe or Elevated Tank, (or Reservoir only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Facility Name (a)	Facility ID Site Code (b)	Year Constructed (c)	Type (d)	Primary Material (e)	Elevation Difference in Feet (f)	Total Capacity In Gallons (g)	
Allis Heights	109	1951	Standpipe	Steel	101	3,000,000	1
Blackhawk Tower	228	2018	Elevated Tank	Steel	113	1,000,000	2
Felland Road	229	2007	Reservoir	Concrete	30	6,000,000	3
High Crossing Tower	315	1994	Elevated Tank	Steel	116	500,000	4
High Point Tower	126	1988	Elevated Tank	Steel	133	250,000	5
High Service	106	1926	Reservoir	Concrete	25	6,000,000	6
L.A. Smith Tower	120	2012	Elevated Tank	Steel	131	400,000	7
Lakeview Reservoir	113	2016	Reservoir	Steel	65	750,000	8
Lakeview Tower	313	2016	Elevated Tank	Steel	125	300,000	9
Nichols	124	1975	Reservoir	Concrete	0	4,000,000	10
Nordness	115	1967	Standpipe	Steel	41	3,000,000	11
Sprecher Tower	225	2001	Elevated Tank	Steel	155	500,000	12
Unit Well 06	06	1938	Reservoir	Concrete	16	155,000	13
Unit Well 07	07	2015	Reservoir	Concrete	23	500,000	14
Unit Well 08	08	1944	Reservoir	Concrete	18	140,000	15
Unit Well 11	11	1958	Reservoir	Concrete	15	150,000	16
Unit Well 12	12	1958	Reservoir	Concrete	14	150,000	17
Unit Well 13	13	1960	Reservoir	Concrete	14	150,000	18
Unit Well 14	14	1962	Reservoir	Concrete	14	150,000	19
Unit Well 15	15	1967	Reservoir	Concrete	14	150,000	20
Unit Well 16	16	1968	Reservoir	Concrete	19	279,000	21
Unit Well 17	17	1968	Reservoir	Concrete	15	375,000	22
Unit Well 18	18	1971	Reservoir	Concrete	14	477,000	23
Unit Well 19	19	1974	Reservoir	Concrete	21	3,000,000	24
Unit Well 20	20	1973	Standpipe	Steel	62	4,200,000	25
Unit Well 23	23	1962	Reservoir	Concrete	11	100,000	26
Unit Well 25	25	1983	Reservoir	Concrete	14	325,000	27
Unit Well 26	26	1988	Reservoir	Concrete	23	4,000,000	28
Unit Well 27	27	1992	Reservoir	Concrete	15	315,000	29
Unit Well 28	28	2002	Reservoir	Concrete	15	340,000	30
Unit Well 29	29	2005	Reservoir	Concrete	15	414,000	31
Unit Well 30	30	2006	Reservoir	Concrete	19	414,000	32
Unit Well 31	31	2018	Reservoir	Concrete	35	1,500,000	33

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 06	1938	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	1
UNIT WELL 07	1939	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange x Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	2
UNIT WELL 08	1945	2	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	3
UNIT WELL 09	1951	2	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	4

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 11	1956	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	5
UNIT WELL 12	1957	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	6
UNIT WELL 13	1959	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	7
UNIT WELL 14	1960	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	8

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 15	1965	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	9
UNIT WELL 16	1967	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	10
UNIT WELL 17	1966	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	11
UNIT WELL 18	1968	2	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	12

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 19	1970	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	13
UNIT WELL 20	1973	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	14
UNIT WELL 23	1958	1	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	15
UNIT WELL 24	1979	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	16

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 25	1982	2	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	17
UNIT WELL 26	1987	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	18
UNIT WELL 27	1989	2	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	19
UNIT WELL 28	1998	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	20

Water Treatment Plant

g Provide a generic description for (a). Do not give specific address of location.
 g Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
 g Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Additional Treatment (e)	Fluoridated (f)	Point of Application (g)	Notes (h)
UNIT WELL 29	2002	1	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation x Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange x Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	21
UNIT WELL 30	2003	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	22
UNIT WELL 31	2018	3	_ Ultraviolet Light _ Liquid Chlorine x Gas Chlorine _ Ozone _ Other _ None	_ Flocculation/Sedimentation _ Sand Filtration _ Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange x Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ Other	Yes	Wellhouse	23

Water Mains

- g Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
- g Explain all reported adjustments as a schedule footnote.
- g For main additions reported in column (e), as a schedule footnote:
 Explain how the additions were funded.
 Also report the amount assessed and the feet of main recorded under this method.
 If installed by a developer, explain the basis of recording the cost of the additions, the total amount, and the feet of main recorded under this method.
- g Report all pipe larger than 16" diameter in the 16" category.

Pipe Material (a)	Main Function (b)	Diameter (inches) (c)	Number of Feet			Adjustments Increase or (Decrease) (g)	End of Year (h)	
			First of Year (d)	Added During Year (e)	Retired During Year (f)			
Other Metal	Distribution	1	1,737				1,737	1
Other Metal	Distribution	1 1/2	898				898	2
Other Metal	Distribution	2	4,263		283		3,980	3
Other Metal	Distribution	3	996				996	4
Ductile Iron, Lined (late 1960's to present)	Distribution	4				2	2 *	5
Other Metal	Distribution	4	97,998	27	1,086	(2)	96,937 *	6
Other Plastic	Distribution	4	163				163	7
Ductile Iron, Lined (late 1960's to present)	Distribution	6	28,030			10,251	38,281 *	8
Other Metal	Distribution	6	1,333,502	289	12,554	(10,251)	1,310,986 *	9
Other Plastic	Distribution	6	1,626				1,626	10
Ductile Iron, Lined (late 1960's to present)	Distribution	8	7,227			956	8,183 *	11
Other Metal	Distribution	8	1,574,512	26,548	847	(956)	1,599,257 *	12
Other Plastic	Distribution	8	14,243				14,243	13
Ductile Iron, Lined (late 1960's to present)	Distribution	10	102				102	14
Other Metal	Distribution	10	590,585	2,490	2,197		590,878	15
Other Plastic	Distribution	10	17,677		82		17,595	16
Other Metal	Distribution	12	582,652	8,317	254		590,715	17
Other Plastic	Distribution	12	17,775				17,775	18
Other Metal	Distribution	14	10,329				10,329	19
Other Plastic	Distribution	14	1,521				1,521	20
Other Metal	Distribution	16	246,468				246,468	21
Other Plastic	Distribution	16	1,023				1,023	22
Other Metal	Distribution	20	47,380				47,380	23
Other Plastic	Distribution	20	3,719				3,719	24
Other Metal	Distribution	24	2,154				2,154	25
Other Plastic	Distribution	24	252				252	26
Total Within Municipality			4,586,832	37,671	17,303	0	4,607,200	27
Other Metal	Distribution	2	1,195				1,195	28
Other Metal	Distribution	6	54,196				54,196	29
Other Metal	Distribution	8	19,774				19,774	30
Other Metal	Distribution	10	11,075				11,075	31
Other Metal	Distribution	12	10,467				10,467	32

Water Mains

- g Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
- g Explain all reported adjustments as a schedule footnote.
- g For main additions reported in column (e), as a schedule footnote:
 - Explain how the additions were funded.
 - Also report the amount assessed and the feet of main recorded under this method.
 - If installed by a developer, explain the basis of recording the cost of the additions, the total amount, and the feet of main recorded under this method.
- g Report all pipe larger than 16 inches diameter in the 20 inch category.

Pipe Material (a)	Main Function (b)	Diameter (inches) (c)	Number of Feet			Adjustments Increase or (Decrease) (g)	End of Year (h)	
			First of Year (d)	Added During Year (e)	Retired During Year (f)			
Other Metal	Distribution	16	7,620				7,620	33
Other Metal	Distribution	20	31				31	34
Total Outside Municipality			104,358				104,358	35
Total Utility			4,691,190	37,671	17,303	0	4,711,558	36

Water Mains

- g Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
- g Explain all reported adjustments as a schedule footnote.
- g For main additions reported in column (e), as a schedule footnote:
 - Explain how the additions were funded.
 - Also report the amount assessed and the feet of main recorded under this method.
 - If installed by a developer, explain the basis of recording the cost of the additions, the total amount, and the feet of main recorded under this method.
- g Report all pipe larger than 16" diameter in the 16" category.

Water Mains (Page W-21)

Added During Year total is greater than zero, please explain financing following the criteria listed in the schedule headnotes.

Main additions during the year were financed by the utility, property owners, and developers in accordance with PSC rate schedule X-1

Adjustments are nonzero for one or more accounts, please explain.

In 2017 the CIPP mains were not broken out from the other mains so this adjustment is correcting that error and correctly representing the CIPP mains.

Utility-Owned Water Service Lines

- g The utility's service line is the pipe from the main to and through the curb stop.
- g Explain all reported adjustments as a schedule footnote.
- g Report in column (h) the number of utility-owned service lines included in columns (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
- g For service lines added during the year in column (d), as a schedule footnote:
 - Explain how the additions were financed.
 - If assessed against property owners, explain the basis of the assessments.
 - If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of service lines recorded under this method.
 - If any were financed by application of Cz-1, provide the total amount recorded and the number of service lines recorded under this method.
- g Report service lines separately by diameter and pipe materials.

Pipe Material (a)	Diameter (inches) (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	NOT in Use at End of Year (h)	
Other Metal	0.625	379			(379)	0		1
Unknown - Does Not Contain Lead	0.625				379	379		2
Other Metal	0.750	27,623			(27,623)	0		3
Unknown - Does Not Contain Lead	0.750				27,583	27,583		4
Other Metal	1.000	27,739			(27,739)	0		5
Unknown - Does Not Contain Lead	1.000		423	11	27,739	28,151		6
Other Metal	1.250	12			(12)	0		7
Unknown - Does Not Contain Lead	1.250				12	12		8
Other Metal	1.500	2,166			(2,166)	0		9
Unknown - Does Not Contain Lead	1.500		31	3	2,166	2,194		10
Other Metal	2.000	1,569			(1,569)	0		11
Unknown - Does Not Contain Lead	2.000		5	1	1,569	1,573		12
Other Metal	3.000	147			(147)	0		13
Unknown - Does Not Contain Lead	3.000				146	146		14
Other Metal	4.000	808			(808)	0		15
Other Plastic	4.000	12				12		16
Unknown - Does Not Contain Lead	4.000		4	2	808	810		17
Other Metal	6.000	1,934			(1,934)	0		18
Other Plastic	6.000	8				8		19
Unknown - Does Not Contain Lead	6.000		41	4	1,934	1,971		20
Other Metal	8.000	942			(942)	0		21
Other Plastic	8.000	2				2		22
Unknown - Does Not Contain Lead	8.000		22	1	942	963		23
Other Metal	10.000	50			(50)	0		24
Other Plastic	10.000	1				1		25
Unknown - Does Not Contain Lead	10.000		5		50	55		26
Other Metal	12.000	28			(28)	0		27
Unknown - Does Not Contain Lead	12.000				28	28		28
Utility Total		63,420	531	22	(41)	63,888		29

Utility-Owned Water Service Lines

- g The utility's service line is the pipe from the main to and through the curb stop.
- g Explain all reported adjustments as a schedule footnote.
- g Report in column (h) the number of utility-owned service lines included in columns (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
- g For service lines added during the year in column (d), as a schedule footnote:
 - Explain how the additions were financed.
 - If assessed against property owners, explain the basis of the assessments.
 - If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of service lines recorded under this method.
 - If any were financed by application of Cz-1, provide the total amount recorded and the number of service lines recorded under this method.
- g Report service lines separately by diameter and pipe materials.

Utility-Owned Water Service Lines (Page W-22)

Additions are greater than zero, please explain financing by following criteria listed in the schedule headnotes.

Additions during the year were financed by the utility, property owners, and developers in accordance with PSC rate schedule X-1.

Adjustments are nonzero for one or more accounts, please explain.

"Other Metal" is no longer allowed. Adjusted to make them 0 and adjusted the new category to show these, and the current number we have.

Total Utility-Owned Service Not In Use at End of Year is reported as zero, please explain.

We confirm there are zero utility owned services not in use.

Meters

- g Include in Columns (b-f) meters in stock as well as those in service.
- g Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
- g Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections
- g Totals by size in Column (f) should equal same size totals in Column (s).
- g Explain all reported adjustments as schedule footnote.
- g Do not include station meters in the meter inventory used to complete these tables.

Number of Utility-Owned Meters

Classification of All Meters at End of Year by Customers

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjust. Increase or Decrease (e)	End of Year (f)	Tested During Year (g)	Residential (h)	Commercial (i)	Industrial (j)	Public Authority (k)	Multifamily Residential (l)	Irrigation (m)	Wholesale (n)	Inter-Departmental (o)	Utility Use (p)	Additional Meters (q)	In Stock (r)	Total (s)	
5/8	62,096	1,821	1,325	(335)	62,257	184	56,676	2,266	1	53	1,110	1,959					192	62,257	1
3/4	2,367	47	39	3	2,378	29	541	742	10	43	949	55					38	2,378	2
1	2,108	108	45	43	2,214	71	55	937	19	110	1,018	1					74	2,214	3
1 1/2	1,195	165	139	9	1,230	84		499	3	64	645						19	1,230	4
2	1,038	130	119	22	1,071	98		419	8	94	527						23	1,071	5
3	226	11		9	246	157		90	6	48	98						4	246	6
4	84	1	3	15	97	29		32	3	44	10						8	97	7
6	21		3	8	26	21		3		12	1		9				1	26	* 8
8	4			2	6	3		2		3			1					6	* 9
10	5				5	5				5								5	10
Total	69,144	2,283	1,673	(224)	69,530	681	57,272	4,990	50	476	4,358	2,015	10				359	69,530	11

Meters

- g Include in Columns (b-f) meters in stock as well as those in service.
- g Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
- g Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections
- g Totals by size in Column (f) should equal same size totals in Column (s).
- g Explain all reported adjustments as schedule footnote.
- g Do not include station meters in the meter inventory used to complete these tables.

1. Indicate your residential meter replacement schedule:

Meters tested once every 10 years and replaced as needed

All meters replaced within 20 years of installation

Other schedule as approved by PSC

2. Indicate the method(s) used to read customer meters

Manually - inside the premises or remote register (# of meter: 4)

Automatic meter reading (AMR), drive or walk by technology, wand or touchpad (# of meter: 424)

Advanced Metering Infrastructure (AMI) - fixed network (# of meter: 70615)

Other

Meters

- g Include in Columns (b-f) meters in stock as well as those in service.
- g Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
- g Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections
- g Totals by size in Column (f) should equal same size totals in Column (s).
- g Explain all reported adjustments as schedule footnote.
- g Do not include station meters in the meter inventory used to complete these tables.

Meters (Page W-23)

Adjustments are nonzero for one or more meter sizes, please explain.

The 2018 report was based on the average number of meters in service and not the number in service at the end of the year. We were able to run reports as of the end of 2019 from our customer information system for active meters by customer class and by size. The adjustments that we made reflect the end of the year active meters. The adjustments made in 2019 correct the adjustments made at the end of 2018.

General Footnote

Meter classified under the "Irrigation" customer class are "Duplex" meters per MWU's rate order

Wisconsin Administrative Code requires that meters 1 1/2 and 2 inches be tested or replaced every 4 years. You did not meet these requirements. Please explain your program for testing and replacing meters.

Unable to test all meters due to vacant position

Wisconsin Administrative Code requires that meters 1 inch or smaller be tested every 10 years or replaced every 20 years. You did not meet these requirements. Please explain your program for testing and replacing meters.

Unable to test all meters due to vacant position

Wisconsin Administrative Code requires that meters 6 inches and larger be tested or replaced every year. You did not meet these requirements. Please explain your program for testing and replacing meters.

Unable to test all meters due to vacant position

Hydrants and Distribution System Valves

- g Distinguish between fire and flushing hydrants by lead size.
 Fire hydrants normally have a lead size of 6 inches or greater.
 Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
- g Explain all reported adjustments in the schedule footnotes.
- g Report fire hydrants as within or outside the municipal boundaries.
- g Number of hydrants operated during year means: opened and water withdrawn.
- g Number of distribution valves operated during year means: fully opened and closed (exercised).

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire - Outside Municipality	173				173	1
Fire - Within Municipality	8,944	202	135		9,011	2
Total Fire Hydrants	9,117	202	135	0	9,184	3
Flushing Hydrants	42				42	4

NR810.13(2)(a) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year.

Number of Hydrants operated during year	4,178
Number of Distribution System Valves end of year	26,282
Number of Distribution Valves operated during Year	7,393

List of All Station and Wholesale Meters

- g Definition of Station Meter is any meter in service not used to measure customer consumption.
- g Definition of Wholesale Meter is any meter used to measure sales to other utilities.
- g Retail customer meters should not be included in this inventory.

Purpose (a)	Meter Size (inches) (b)	Location or Description (c)	Type (d)	Date of Last Meter Test (e)	
Station Meter	<= 2-inch	UW 31 CHLORINE SUPPLY METER	Magnetic	04/16/2018	1
Station Meter	<= 2-inch	UW 31 HVAC RETURN METER	Magnetic	04/16/2018	2
Station Meter	4	UW 07 BACKWASH METER	Magnetic	04/15/2015	* 3
Station Meter	4	UW 07 RECYCLE METER	Magnetic	04/15/2015	* 4
Station Meter	4	UW 07 WASTE METER	Magnetic	04/15/2015	* 5
Station Meter	4	UW 29 BACKWASH METER	Magnetic	01/01/2014	* 6
Station Meter	4	UW 29 RECYCLE METER	Magnetic	01/01/2014	* 7
Station Meter	4	UW 29 WASTE METER	Magnetic	01/01/2014	* 8
Station Meter	4	UW 31 WASTE METER	Magnetic	04/16/2018	9
Station Meter	6	UW 31 BACKWASH METER	Magnetic	04/16/2018	10
Station Meter	6	UW 31 RECYCLE METER	Magnetic	04/16/2018	11
Station Meter	8	BPS 106 BYPASS METER	Magnetic	05/08/2014	* 12
Station Meter	8	BPS 118 REVERSE FLOW METER	Magnetic	03/19/2012	* 13
Station Meter	8	BS 128 BOOSTER METER	Magnetic	02/21/2019	14
Station Meter	10	UW 11 BOOSTER METER	Magnetic	09/18/2019	15
Station Meter	10	UW 12 BOOSTER METER	Magnetic	09/16/2019	16
Station Meter	10	UW 13 BOOSTER METER	Magnetic	09/18/2019	17
Station Meter	10	UW 14 BOOSTER METER	Magnetic	09/16/2019	18
Station Meter	10	UW 15 DEEPWELL STRIPPER	Magnetic	06/06/2013	* 19
Station Meter	10	UW 15 DEEPWELL STRIPPER #2	Magnetic	06/06/2013	* 20
Station Meter	10	UW 20 BOOSTER #1 METER	Magnetic	12/04/2013	* 21
Station Meter	10	UW 20 BOOSTER #2 METER	Magnetic	12/04/2013	* 22
Station Meter	10	UW 20 DEEPWELL METER	Magnetic	02/12/2014	* 23
Station Meter	10	UW 23 BOOSTER METER	Magnetic	09/19/2019	24
Station Meter	10	UW 28 BOOSTER METER	Magnetic	09/17/2019	25
Station Meter	12	BPS 118 BOOSTER METER	Magnetic	03/19/2012	* 26
Station Meter	12	BS 115 HIGH ZONE METER	Magnetic	09/20/2019	27
Station Meter	12	BS 115 LOW ZONE METER	Magnetic	09/20/2019	28
Station Meter	12	UW 06 BOOSTER METER	Magnetic	09/16/2019	29
Station Meter	12	UW 06 DEEPWELL METER	Magnetic	09/16/2019	30
Station Meter	12	UW 07 DEEPWELL METER	Magnetic	09/18/2019	31
Station Meter	12	UW 07 FINISH WATER METER	Magnetic	04/15/2015	* 32
Station Meter	12	UW 08 BOOSTER METER	Magnetic	09/18/2019	33
Station Meter	12	UW 09 DEEPWELL METER	Magnetic	09/18/2019	34
Station Meter	12	UW 09 DISCHARGE METER	Magnetic	04/04/2018	35
Station Meter	12	UW 15 BOOSTER METER	Magnetic	06/06/2013	* 36
Station Meter	12	UW 16 DEEPWELL METER	Magnetic	09/16/2019	37
Station Meter	12	UW 18 DEEPWELL METER	Magnetic	09/16/2019	38
Station Meter	12	UW 19 DEEPWELL METER	Other	09/18/2019	* 39

List of All Station and Wholesale Meters

- g Definition of Station Meter is any meter in service not used to measure customer consumption.
- g Definition of Wholesale Meter is any meter used to measure sales to other utilities.
- g Retail customer meters should not be included in this inventory.

Station Meter	12	UW 24 DEEPWELL METER	Magnetic	09/19/2019	40
Station Meter	12	UW 25 DEEPWELL METER	Magnetic	09/19/2019	41
Station Meter	12	UW 26 BOOSTER METER	Magnetic	04/19/2011	* 42
Station Meter	12	UW 26 DEEPWELL METER	Magnetic	01/13/2011	* 43
Station Meter	12	UW 27 DEEPWELL METER	Magnetic	09/17/2019	44
Station Meter	12	UW 29 DEEPWELL METER	Magnetic	09/20/2019	45
Station Meter	12	UW 29 FINISH WATER METER	Magnetic	01/01/2014	* 46
Station Meter	12	UW 30 BOOSTER METER	Magnetic	09/20/2019	47
Station Meter	12	UW 30 DEEPWELL METER	Magnetic	09/20/2019	48
Station Meter	12	UW 31 BOOSTER METER	Magnetic	09/20/2019	49
Station Meter	12	UW 31 FINISH WATER METER	Magnetic	04/16/2018	50
Station Meter	14	UW 24 BOOSTER METER	Magnetic	09/19/2019	51
Station Meter	14	UW 25 BOOSTER METER	Magnetic	09/19/2019	52
Station Meter	14	UW 27 BOOSTER METER	Magnetic	09/17/2019	53
Station Meter	14	UW 29 BOOSTER METER	Magnetic	09/20/2019	54
Station Meter	16	229 FLOW TO RESERVOIR	Magnetic	01/01/2014	* 55
Station Meter	16	BPS 106 BOOSTER METER	Magnetic	05/08/2014	* 56
Station Meter	16	BPS 106 LOW ZONE METER	Magnetic	05/08/2014	* 57
Station Meter	16	UW 07 BOOSTER METER	Magnetic	09/18/2019	58
Station Meter	16	UW 16 BOOSTER METER	Magnetic	09/16/2019	59
Station Meter	16	UW 17 BOOSTER METER	Magnetic	07/12/2017	* 60
Station Meter	16	UW 17 DEEPWELL METER	Magnetic	07/12/2017	* 61
Station Meter	16	UW 18 BOOSTER METER	Magnetic	09/16/2019	62
Station Meter	16	UW 31 DEEPWELL METER	Magnetic	09/20/2019	63
Station Meter	18	UW 19 BOOSTER METER	Magnetic	09/18/2019	64
Wholesale Meter	6	700 UNIVERSITY BAY DR	Turbine	09/10/2019	65
Wholesale Meter	6	FB 2799 RIMROCK RD	Turbine	08/27/2018	66
Wholesale Meter	6	FB 5902 WILLISBURG WAY	Turbine	10/03/2017	67
Wholesale Meter	6	MB 18 OXFORD PL	Turbine	08/01/2018	68
Wholesale Meter	6	MB 2250 SHERMAN AVE	Turbine	08/28/2019	69
Wholesale Meter	6	MB FULLER DR-SHERMAN AVE	Turbine	08/28/2019	70
Wholesale Meter	6	MB SHERIDAN-MACPHERSON	Turbine	10/08/2019	71
Wholesale Meter	6	SH LAKE MENDOTA DR	Turbine	05/28/2019	72
Wholesale Meter	6	SH SHOREWOOD AT TRACKS	Turbine	09/10/2019	73
Wholesale Meter	8	SH LOCUST-MAPLE TERR	Magnetic	02/27/2018	74

List of All Station and Wholesale Meters

- | |
|---|
| <ul style="list-style-type: none">g Definition of Station Meter is any meter in service not used to measure customer consumption.g Definition of Wholesale Meter is any meter used to measure sales to other utilities.g Retail customer meters should not be included in this inventory. |
|---|

List of All Station and Wholesale Meters (Page W-26)

There are one or more meters where Type is "Other," please explain.

Our other meter types are differential meters.

Wisconsin Administrative Code requires that station meters be tested for accuracy at least once every 2 years. The Utility did not meet these requirements. Please explain the Utility's program for testing and replacing meters.

Wholesale meters not tested this year was do to lack of staffing.

Water Conservation Programs

- g List all water conservation-related expenditures for the reporting year. Include administrative costs, customer outreach and education, other program costs, and payments for rebates and other customer incentives. Do not include leak detection, other water loss program costs.
- g If the Commission has approved conservation program expenses, these should be charged to Account 186. Otherwise, these expenses are reported in Account 906 on Schedule W-05 (Account 691 for class D utilities).

Item Description (a)	Expenditures (b)	Number of Rebates (c)	Water Savings Gallons (d)	
Administrative and General Expenses				1
Program Administration	58,380	0	0	2
Customer Outreach & Education	13,081	0	0	3
Other Program Costs	0	0	0	4
Total Administrative and General Expenses	71,461	0	0	5
Customer Incentives				6
Residential Toilets	71,900	716	3,351,038	7
Multifamily/Commercial Toilets	70,037	700	3,276,155	8
Faucets	0	0	0	9
Showerheads	0	0	0	10
Clothes Washers	0	0	0	11
Dishwashers	0	0	0	12
Smart Irrigation Controller	0	0	0	13
Commercial Pre-Rinse Spray Valves	0	0	0	14
Cost Sharing Projects (Nonresidential Customers)	0	0	0	15
Customer Water Audits	0	0	0	16
Other Incentives	0	0	0	17
Total Customer Incentives	141,937	1,416	6,627,193	18
TOTAL CONSERVATION	213,398	1,416	6,627,193	19

Water Customers Served

- g List the number of customer accounts in each municipality for which your utility provides retail general service. Do not include wholesale customers or fire protection accounts.
- g Per Wisconsin state statute, a city, village, town or sanitary district owning water plant or equipment may serve customers outside its corporate limits, including adjoining municipalities. For purposes of this schedule, customers located ~~within Muni Boundary~~ refers to those located inside the jurisdiction that owns the water utility.

Municipality (a)	Customers End of Year (b)	
Blooming Grove (Town)	285	1
Burke (Town)	112	2
Fitchburg (City)	13	3
Madison (City) **	68,179	4
Madison (Town)	797	5
Maple Bluff (Village)	52	6
Mcfarland (Village)	7	7
Middleton (City)	3	8
Middleton (Town)	1	9
Monona (City)	124	10
Shorewood Hills (Village)	69	11
Total - Dane County	69,642	12
Total - Customers Served	69,642	13
Total - Outside Muni Boundary	1,463	14
Total - Within Muni Boundary **	68,179	15

** = Within municipal boundary

Privately-Owned Water Service Lines

- g The privately owned service line is the pipe from the curb stop to the meter.
- g Explain all reported adjustments in columns(f) as a schedule footnote.
- g Report in column (h) the number of privately-owned service lines included in columns (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
- g Separate reporting of service lines by diameter and pipe material.

Pipe Material (a)	Diameter (inches) (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Customer Owned Service Laterals Not in Use at End of Year (i)	Replaced During Year Using Financial Assistance from Utility (h)	
Copper	0.625	6				6			1
Copper	0.750	28,060		247		27,813	26		2
Other Plastic	0.750	3	7			10			3
Ductile Iron, Lined (late 1960's to present)	1.000	2		1		1			4
Galvanized	1.000	3				3			5
Lead	1.000	6		1		5	3		6
Copper	1.000	28,156		53		28,103	32		7
Other Plastic	1.000	1,030	461			1,491	1		8
PVC	1.000	2	1			3			9
Copper	1.250	11				11			10
Copper	1.500	2,253		12		2,241	18		11
Other Plastic	1.500	6	20			26			12
Ductile Iron, Lined (late 1960's to present)	2.000	12	3			15			13
Other Metal	2.000	4			(4)	0			14
Copper	2.000	1,598		2		1,596	15		15
Other Plastic	2.000	3	4			7			16
Unlined Cast Iron (pre-early 1950's)	2.000		4			4			17
PVC	2.000	1				1			18
Lined Cast Iron (mide-1950's to early 1970)	2.500	1				1			19
Copper	2.500	1				1			20
Ductile Iron, Lined (late 1960's to present)	3.000	40				40	3		21
Lined Cast Iron (mide-1950's to early 1970)	3.000	40				40	4		22
Other Metal	3.000	12			(12)	0			23
Copper	3.000	37		1		36	1		24
Unlined Cast Iron (pre-early 1950's)	3.000		12			12			25
Ductile Iron, Lined (late 1960's to present)	4.000	485	4			489	26		26
Lined Cast Iron (mide-1950's to early 1970)	4.000	81		2		79	12		27
Other Metal	4.000	62		1	(61)	0	0		28
Copper	4.000	196		3		193	9		29
Other Plastic	4.000		1			1			30
Unlined Cast Iron (pre-early 1950's)	4.000		61			61	17		31

Privately-Owned Water Service Lines

- g The privately owned service line is the pipe from the curb stop to the meter.
- g Explain all reported adjustments in columns(f) as a schedule footnote.
- g Report in column (h) the number of privately-owned service lines included in columns (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
- g Separate reporting of service lines by diameter and pipe material.

Ductile Iron, Lined (late 1960's to present)	6.000	1,631	15		1,646	248	32	
Galvanized	6.000	1			1		33	
HDPE	6.000	2			2		34	
Lined Cast Iron (mide-1950's to early 1970)	6.000	72	1		71	15	35	
Other Metal	6.000	21	1	(20)	0		36	
Copper	6.000	212	5		217	11	37	
Other Plastic	6.000	5	3		8	1	38	
Unlined Cast Iron (pre-early 1950's)	6.000		20		20	8	39	
PVC	6.000	4	1		5	1	40	
Ductile Iron, Lined (late 1960's to present)	8.000	846	4		850	188	41	
Lined Cast Iron (mide-1950's to early 1970)	8.000	24			24	3	42	
Other Metal	8.000	2		(2)	0		43	
Copper	8.000	103	2		105	7	44	
Other Plastic	8.000	5	3		8	1	45	
Unlined Cast Iron (pre-early 1950's)	8.000		2		2		46	
Ductile Iron, Lined (late 1960's to present)	10.000	46	1		47	4	47	
Lined Cast Iron (mide-1950's to early 1970)	10.000	6			6	1	48	
Copper	10.000	7			7		49	
PVC	10.000	1			1		50	
Ductile Iron, Lined (late 1960's to present)	12.000	21			21	5	51	
Lined Cast Iron (mide-1950's to early 1970)	12.000	5			5	1	52	
Copper	12.000	1			1		53	
Lined Cast Iron (mide-1950's to early 1970)	16.000	1			1	1	54	
Utility Total		65,127	634	325	(99)	65,337	662	55