



# WATER, ELECTRIC, OR JOINT UTILITY ANNUAL REPORT

OF

MILWAUKEE WATER WORKS

841 N BROADWAY RM 409  
MILWAUKEE, WI 53202-3613

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For the Year Ended: DECEMBER 31, 2020

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TO

PUBLIC SERVICE COMMISSION OF WISCONSIN

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

Violation of any provision of the Public Service Commission's rules and regulations, or any provision 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: 04/26/2021

Water Service Started Date: 11/03/1873

DNR Public Water System ID: 24101000

Safe Drinking Water Information System (SDWIS) Total Population Served: 647290

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I **Terry Ignatowski, Water Accounting Manager** of **MILWAUKEE WATER WORKS**, 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: **5/13/2021**

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## Identification and Ownership - Contacts

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**Utility employee in charge of correspondence concerning this report**

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Name: Sergio Elizalde Ortiz

Title: Accountant III

Mailing Address: 841 N. Broadway - Room 409  
Milwaukee, WI 53202

Phone: (414) 286-2081

Email Address: Sergio.ElizaldeOrtiz@milwaukee.gov

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**Accounting firm or consultant preparing this report (if applicable)**

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Name:

Title:

Mailing Address:

Phone:

Email Address:

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**Name and title of utility General Manager (or equivalent)**

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Name: Karen Dettmer

Title: Superintendent

Mailing Address: 841 N. Broadway - Room 409  
Milwaukee, WI 53202

Phone: (414) 286-2801

Email Address: Karen.Dettmer@milwaukee.gov

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

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Name: Jeffrey S. Polenske

Title: Commissioner of Public Works

Mailing Address: 841 N. Broadway - Room 516  
Milwaukee, WI 53202

Phone: (414) 286-3301

Email Address: jpolen@milwaukee.gov

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**Contact person for cybersecurity issues and events**

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Name: David Kaminski

Title: Information Technology Manager

Mailing Address: 841 N. Broadway - Room 409  
Milwaukee, WI 53202

Phone: (414) 286-8253

Email Address: David.Kaminski@milwaukee.gov

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## Identification and Ownership - Governing Authority and Audit Information

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### 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: 07/22/2020

Period covered by most recent audit: 2019

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

Name: Gwen Zech

Title: Manager - Energy and Utilities

Organization Name: Baker Tilly Vichow Krause, LLP

USPS Address: Ten Terrace Ct. PO Box 7398

City State Zip Madison, WI 53707-7398

Telephone: (608) 240-2443

Email Address: gwen.zech@bakertilly.com

### Report Preparation

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

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## Identification and Ownership - Contract Operations

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**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**

## Workforce Diversity

g Whole numbers in the range of 0 to 999,999 are acceptable values for this schedule. Please enter part time employees as a whole number, and use the Footnotes feature to provide information about how many staff are part-time employees.

g Staff classification of various employment categories can vary from utility to utility. Use the Footnotes feature to provide information about how the utility defines these categories.

Category (a)	Employee Count				
	Total (b)	Management (c)	Executive Leadership (d)	Board of Directors (e)	
Total Utility Employees	347	55	11	0	1
Women	82	11	4	0	2
Minorities	143	17	1	0	3
Veterans					4

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## Workforce Diversity

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- g Whole numbers in the range of 0 . 1 are acceptable values for this schedule. Please enter part time employees as a whole number, and use the Footnotes feature to provide information about how many staff are part-time employees.
- g Staff classification of various employment categories can vary from utility to utility. Use the Footnotes feature to provide information about how the utility defines these categories.

### Workforce Diversity (Page xi)

#### General Footnote

Milwaukee Water Works does not collect Veteran data.

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### Income Statement

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			1
Operating Revenues (400)	93,156,931	94,165,533	2
<b>``CdYfUj]b[ `9I dYbgYg.</b>			3
Operation and Maintenance Expense (401-402)	55,217,833	47,270,556	4
Depreciation Expense (403)	16,484,123	15,728,696	5
Amortization Expense (404-407)	0	0	6
Taxes (408)	14,146,951	13,820,222	7
<b>``HcHJ`CdYfUj]b[ `9I dYbgYg</b>	<b>85,848,907</b>	<b>76,819,474</b>	8
<b>``BYhCdYfUj]b[ `bWta Y</b>	<b>7,308,024</b>	<b>17,346,059</b>	9
Income from Utility Plant Leased to Others (412-413)			10
<b>``I H]ImiCdYfUj]b[ `bWta Y</b>	<b>7,308,024</b>	<b>17,346,059</b>	11
<b>OTHER INCOME</b>			12
Income from Merchandising, Jobbing and Contract Work (415-416)	138,800	249,366	13
Income from Nonutility Operations (417)			14
Nonoperating Rental Income (418)			15
Interest and Dividend Income (419)		155,060	16
Miscellaneous Nonoperating Income (421)	5,424,960	4,074,095	17
<b>``HcHJ`Ck Yf`bWta Y</b>	<b>5,563,760</b>	<b>4,478,521</b>	18
<b>``HcHJ`bWta Y</b>	<b>12,871,784</b>	<b>21,824,580</b>	19
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			20
Miscellaneous Amortization (425)	(811,325)	(811,326)	21
Other Income Deductions (426)	4,935,401	5,503,172	22
<b>``HcHJ`A]gW`UbYci g`bWta Y8 YXi Wj]cbg</b>	<b>4,124,076</b>	<b>4,691,846</b>	23
<b>``bWta Y6 YZfY`bhYfYgh7\ Uf[ Yg</b>	<b>8,747,708</b>	<b>17,132,734</b>	24
<b>INTEREST CHARGES</b>			25
Interest on Long-Term Debt (427)	1,016,756	695,067	26
Amortization of Debt Discount and Expense (428)			27
Amortization of Premium on Debt--Cr. (429)			28
Interest on Debt to Municipality (430)	604,481	703,013	29
Other Interest Expense (431)	0	0	30
Interest Charged to Construction--Cr. (432)			31
<b>``HcHJ`bhYfYgh7\ Uf[ Yg</b>	<b>1,621,237</b>	<b>1,398,080</b>	32
<b>``BYh`bWta Y</b>	<b>7,126,471</b>	<b>15,734,654</b>	33
<b>EARNED SURPLUS</b>			34
Unappropriated Earned Surplus (Beginning of Year) (216)	454,966,833	439,206,687	35
Balance Transferred from Income (433)	7,126,471	15,734,654	36
Miscellaneous Credits to Surplus (434)		25,492	37
Miscellaneous Debits to Surplus--Debit (435)			38
Appropriations of Surplus--Debit (436)			39
Appropriations of Income to Municipal Funds--Debit (439)			40
<b>``HcHJ`I bUddfcdf]UHX`9UfbYX`Gi fd`i g`9bX`cZMYU`fE% L</b>	<b>462,093,304</b>	<b>454,966,833</b>	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)	1
<b>UTILITY OPERATING INCOME</b>				1
<b>Operating Revenues (400)</b>				2
Derived	93,156,931		93,156,931	3
<b>Total (Acct. 400)</b>	<b>93,156,931</b>	<b>0</b>	<b>93,156,931</b>	4
<b>Operation and Maintenance Expense (401-402)</b>				5
Derived	55,217,833		55,217,833	6
<b>Total (Acct. 401-402)</b>	<b>55,217,833</b>	<b>0</b>	<b>55,217,833</b>	7
<b>Depreciation Expense (403)</b>				8
Derived	16,484,123		16,484,123	9
<b>Total (Acct. 403)</b>	<b>16,484,123</b>	<b>0</b>	<b>16,484,123</b>	10
<b>Amortization Expense (404-407)</b>				11
Derived	0		0	12
<b>Total (Acct. 404-407)</b>	<b>0</b>	<b>0</b>	<b>0</b>	13
<b>Taxes (408)</b>				14
Derived	14,146,951		14,146,951	15
<b>Total (Acct. 408)</b>	<b>14,146,951</b>	<b>0</b>	<b>14,146,951</b>	16
<b>TOTAL UTILITY OPERATING INCOME</b>	<b>7,308,024</b>	<b>0</b>	<b>7,308,024</b>	17
<b>OTHER INCOME</b>				18
<b>Income from Merchandising, Jobbing and Contract Work (415-416)</b>				19
Derived	138,800	0	138,800	20
<b>Total (Acct. 415-416)</b>	<b>138,800</b>	<b>0</b>	<b>138,800</b>	21
<b>Miscellaneous Nonoperating Income (421)</b>				22
Contributed Plant - Water		5,424,960	5,424,960	23
Impact Fees - Water			0	24
<b>Total (Acct. 421)</b>	<b>0</b>	<b>5,424,960</b>	<b>5,424,960</b>	25
<b>TOTAL OTHER INCOME</b>	<b>138,800</b>	<b>5,424,960</b>	<b>5,563,760</b>	26
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				27
<b>Miscellaneous Amortization (425)</b>				28
Regulatory Liability (253) Amortization	(811,325)		(811,325)	29
<b>Total (Acct. 425)</b>	<b>(811,325)</b>	<b>0</b>	<b>(811,325)</b>	30
<b>Other Income Deductions (426)</b>				31
Depreciation Expense on Contributed Plant - Water		1,716,223	1,716,223	32
MAINTENANCE & NONUTILITY PLANT DEPRECIATION	3,219,178		3,219,178	33
<b>Total (Acct. 426)</b>	<b>3,219,178</b>	<b>1,716,223</b>	<b>4,935,401</b>	34
<b>TOTAL MISCELLANEOUS INCOME DEDUCTIONS</b>	<b>2,407,853</b>	<b>1,716,223</b>	<b>4,124,076</b>	35
<b>INTEREST CHARGES</b>				36
<b>Interest on Long-Term Debt (427)</b>				37
Derived	1,016,756		1,016,756	38
<b>Total (Acct. 427)</b>	<b>1,016,756</b>	<b>0</b>	<b>1,016,756</b>	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)	
<b>Interest on Debt to Municipality (430)</b>				40
Derived	604,481		604,481	41
<b>Total (Acct. 430)</b>	<b>604,481</b>	<b>0</b>	<b>604,481</b>	42
<b>Other Interest Expense (431)</b>				43
Derived	0		0	44
<b>Total (Acct. 431)</b>	<b>0</b>	<b>0</b>	<b>0</b>	45
<b>TOTAL INTEREST CHARGES</b>	<b>1,621,237</b>	<b>0</b>	<b>1,621,237</b>	46
<b>NET INCOME</b>	<b>3,417,734</b>	<b>3,708,737</b>	<b>7,126,471</b>	47
<b>EARNED SURPLUS</b>				48
<b>Unappropriated Earned Surplus (Beginning of Year) (216)</b>				49
Derived	360,534,471	94,432,362	454,966,833	50
<b>Total (Acct. 216)</b>	<b>360,534,471</b>	<b>94,432,362</b>	<b>454,966,833</b>	51
<b>Balance Transferred from Income (433)</b>				52
Derived	3,417,734	3,708,737	7,126,471	53
<b>Total (Acct. 433)</b>	<b>3,417,734</b>	<b>3,708,737</b>	<b>7,126,471</b>	54
<b>UNAPPROPRIATED EARNED SURPLUS (END OF YEAR)</b>	<b>363,952,205</b>	<b>98,141,099</b>	<b>462,093,304</b>	55

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

Particulars (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
<b>Revenues</b>						1
Revenues (account 415)	249,952				<b>249,952</b>	2
<b>Cost and Expenses of Merchandising, Jobbing and Contract Work (416)</b>						3
Cost of merchandise sold					<b>0</b>	4
Payroll	35,515				<b>35,515</b>	5
Materials	75,637				<b>75,637</b>	6
Taxes					<b>0</b>	7
<b>Total costs and expenses</b>	<b>111,152</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111,152</b>	8
<b>Net Income (or loss)</b>	<b>138,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>138,800</b>	9

## 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	93,156,931				93,156,931	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	148,398				148,398	5
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>93,008,533</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>93,008,533</b>	<b>6</b>

### 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	15,195,234		15,195,234	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	45,834		45,834	6
Other nonutility expenses			0	7
Water utility plant accounts	5,004,679		5,004,679	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			0	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			0	18
All other accounts			0	19
<b>Total Payroll</b>	<b>20,245,747</b>	<b>0</b>	<b>20,245,747</b>	<b>20</b>

### 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	345.0	1
Electric		2
Gas		3
Sewer		4

### Balance Sheet

Assets and Othe Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>ASSESTS AND OTHER DEBITS</b>			1
<b>UTILITY PLANT</b>			2
Utility Plant (101)	855,468,455	833,178,920	3
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	314,767,031	300,574,435	4
Utility Plant Acquisition Adjustments (117-118)	0	0	5
Other Utility Plant Adjustments (119)	0	0	6
<b>BYhil H]mD'Ubh</b>	<b>540,701,424</b>	<b>532,604,485</b>	7
<b>OTHER PROPERTY AND INVESTMENTS</b>			8
Nonutility Property (121)	4,293,160	4,293,160	9
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	1,476,614	1,337,467	10
Investment in Municipality (123)	0	0	11
Other Investments (124)	0	0	12
Sinking Funds (125)	0	0	13
Depreciation Fund (126)	0	0	14
Other Special Funds (128)	0	0	15
<b>HcHU' CA Yf DfcdYfImiUbX' =bj Ygfa Ybtg</b>	<b>2,816,546</b>	<b>2,955,693</b>	16
<b>CURRENT AND ACCRUED ASSETS</b>			17
Cash (131)	1,260,627	8,062	18
Special Deposits (134)	0	0	19
Working Funds (135)	1,500	2,300	20
Temporary Cash Investments (136)	19,812,126	21,514,004	21
Notes Receivable (141)	0	0	22
Customer Accounts Receivable (142)	15,099,858	17,291,983	23
Other Accounts Receivable (143)	0	699,114	24
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	524,634	862,350	25
Receivables from Municipality (145)	0	0	26
Plant Materials and Operating Supplies (154)	3,407,942	3,537,799	27
Merchandise (155)	0	0	28
Other Materials and Supplies (156)	0	0	29
Stores Expense (163)	0	0	30
Prepayments (165)	1,926,404	2,035,874	31
Interest and Dividends Receivable (171)	0	0	32
Accrued Utility Revenues (173)	13,699,111	13,912,413	33
Miscellaneous Current and Accrued Assets (174)	8,263,787	14,491,558	34
<b>HcHU' 7 i ffYbhUbX' 5 VVfi YX' 5 ggYfg</b>	<b>62,946,721</b>	<b>72,630,757</b>	35
<b>DEFERRED DEBITS</b>			36
Unamortized Debt Discount and Expense (181)	0	0	37
Extraordinary Property Losses (182)	0	0	38
Preliminary Survey and Investigation Charges (183)	0	0	39
Clearing Accounts (184)	0	0	40
Temporary Facilities (185)	0	0	41
Miscellaneous Deferred Debits (186)	10,148,017	6,722,513	42
<b>HcHU' 8 YZffYX' 8 YV]fg</b>	<b>10,148,017</b>	<b>6,722,513</b>	43
<b>HCH5 @5 GG9 HG' 5 B8 'CH&lt; 9F ' 896 #HG</b>	<b>616,612,708</b>	<b>614,913,448</b>	44



### Balance Sheet

Liabilities and Othe Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>LIABILITIES AND OTHER CREDITS</b>			1
<b>PROPRIETARY CAPITAL</b>			2
Capital Paid in by Municipality (200)	964,415	964,415	3
Appropriated Earned Surplus (215)	0	0	4
Unappropriated Earned Surplus (216)	462,093,304	454,966,833	5
<b>“HcHJ” DfcdfjYUfm7 UdjHJ</b>	<b>463,057,719</b>	<b>455,931,248</b>	6
<b>LONG-TERM DEBT</b>			7
Bonds (221)	77,122,806	60,136,714	8
Advances from Municipality (223)	4,900,190	10,974,201	9
Other Long-Term Debt (224)	0	0	10
<b>“HcHJ” @b[ !HYfa 8 YVh</b>	<b>82,022,996</b>	<b>71,110,915</b>	11
<b>CURRENT AND ACCRUED LIABILITIES</b>			12
Notes Payable (231)	0	0	13
Accounts Payable (232)	3,848,693	3,676,350	14
Payables to Municipality (233)	(22,373,389)	(5,971,026)	15
Customer Deposits (235)	0	0	16
Taxes Accrued (236)	0	0	17
Interest Accrued (237)	288,776	244,585	18
Tax Collections Payable (241)	0	0	19
Miscellaneous Current and Accrued Liabilities (242)	87,333,936	86,676,074	20
<b>“HcHJ” 7i ffYbhUbX’5 VVW! YX’ @UV]’jYg</b>	<b>69,098,016</b>	<b>84,625,983</b>	21
<b>DEFERRED CREDITS</b>			22
Unamortized Premium on Debt (251)	0	0	23
Customer Advances for Construction (252)	0	0	24
Other Deferred Credits (253)	2,433,977	3,245,302	25
<b>“HcHJ” 8 YZffYX’7 fYX]Jg</b>	<b>2,433,977</b>	<b>3,245,302</b>	26
<b>OPERATING RESERVES</b>			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
<b>“HcHJ” CdYfUj[b[ ’F YgYfj Yg</b>	<b>0</b>	<b>0</b>	32
<b>“HCH5 @@56 =@H9 G’5 B8 ’CH&lt;9F ’7 F98 +HG</b>	<b>616,612,708</b>	<b>614,913,448</b>	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)	
<b>First of Year</b>					1
Total Utility Plant - First of Year	833,178,920	0	0	0	2
	<b>833,178,920</b>	<b>0</b>	<b>0</b>	<b>0</b>	3
<b>Plant Accounts</b>					4
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	725,817,559				5
Utility Plant in Service - Contributed Plant (101.2)	111,444,795				6
Utility Plant Purchased or Sold (102)					7
Utility Plant Leased to Others (104)					8
Property Held for Future Use (105)					9
Completed Construction not Classified (106)	3,579,501				10
Construction Work in Progress (107)	14,626,600				11
<b>Total Utility Plant</b>	<b>855,468,455</b>	<b>0</b>	<b>0</b>	<b>0</b>	12
<b>Accumulated Provision for Depreciation and Amortization</b>					13
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	283,361,377				14
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	31,405,654				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
<b>Total Accumulated Provision</b>	<b>314,767,031</b>	<b>0</b>	<b>0</b>	<b>0</b>	21
<b>Accumulated Provision for Depreciation and Amortization</b>					22
Utility Plant Acquisition Adjustments (117)					23
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					24
Other Utility Plant Adjustments (119)					25
<b>Total Other Utility Plant Accounts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	26
<b>Net Utility Plant</b>	<b>540,701,424</b>	<b>0</b>	<b>0</b>	<b>0</b>	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)	270,401,048	0	0	0	270,401,048	1
<b>Credits during year</b>						2
Charged Depreciation Expense (403)	16,484,123				16,484,123	3
Depreciation Expense on Meters Charged to Sewer	2,283,914				2,283,914	4
Salvage	136,343				136,343	5
<b>Total credits</b>	<b>18,904,380</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,904,380</b>	6
<b>Debits during year</b>						7
Book Cost of Plant Retired	5,462,278				5,462,278	8
Cost of Removal	481,773				481,773	9
<b>Total debits</b>	<b>5,944,051</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,944,051</b>	10
<b>Balance end of year (111.1)</b>	<b>283,361,377</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>283,361,377</b>	11

## 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)	30,173,387	0	0	0	<b>30,173,387</b>	1
<b>Credits during year</b>						2
Charged Other Income Deductions (426)	1,716,223				<b>1,716,223</b>	3
Depreciation Expense on Meters Charged to Sewer					<b>0</b>	4
Salvage	16,192				<b>16,192</b>	5
<b>Total credits</b>	<b>1,732,415</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,732,415</b>	6
<b>Debits during year</b>						7
Book Cost of Plant Retired	392,122				<b>392,122</b>	8
Cost of Removal	108,026				<b>108,026</b>	9
<b>Total debits</b>	<b>500,148</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,148</b>	10
<b>Balance end of year (111.2)</b>	<b>31,405,654</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,405,654</b>	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
KILBOURN BOOSTER - BLDGS & FIX	71,738			71,738	2
KILBOURN BOOSTER - PUMP EQUIP	234,678			234,678	3
KILBOURN BOOSTER - TRANS MAINS	53,915			53,915	4
Kilbourn Park Structures & Improvements	13,973			13,973	5
KILBOURN RESERVOIR - LAND	26,056			26,056	6
KILBOURN RESERVOIR PARK	3,254,284			3,254,284	7
KILBOURN SERVICE BLDG - BLDGS & FIX	49,969			49,969	8
KILBOURN SERVICE BLDG - EQUIPMENT	104,730			104,730	9
KILBOURN SERVICE BLDG - IMP GRNDS	13,099			13,099	10
Land - Bluemound Tank Site	6,759			6,759	11
Land - Florist Station	3,766			3,766	12
Land - Howard Treatment Plant	338,960			338,960	13
North Point Parks - Struc. & Improvem.	65,727			65,727	14
North Point Tower	55,506			55,506	15
<b>Total Nonutility Property (121)</b>	<b>4,293,160</b>	<b>0</b>	<b>0</b>	<b>4,293,160</b>	16
Less accum. prov. depr. & amort. (122)	1,337,467	139,147		1,476,614	17
<b>Net Nonutility Property</b>	<b>2,955,693</b>	<b>(139,147)</b>	<b>0</b>	<b>2,816,546</b>	18

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

Description (a)	Amount (b)	
Balance first of year	862,350	1
<b>Additions</b>		2
Provision for uncollectibles during year	(189,318)	3
Collection of accounts previously written off: Utility Customers	0	4
Collection of accounts previously written off: Others	0	5
<b>Total Additions</b>	<b>(189,318)</b>	6
<b>Accounts Written Off</b>		7
Accounts written off during the year: Utility Customers	77,092	8
Accounts written off during the year: Others	71,306	9
<b>Total Accounts Written Off</b>	<b>148,398</b>	10
<b>Balance End of Year</b>	<b>524,634</b>	11

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

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### Accumulated Provision for Uncollectible Accounts-Cr. (Acct. 144) (Page F-12)

#### General Footnote

An annual allowance is calculated for water bill (bankruptcies) and sundry bills based upon the last 10 years open balances.

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### Materials and Supplies

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

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	3,407,942	3,537,799	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
<b>Total Material and Supplies</b>	<b>3,407,942</b>	<b>3,537,799</b>	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)		
<b>Unamortized debt discount &amp; expense (181)</b>				
None				1
				2
<b>Total</b>	<b>0</b>		<b>0</b>	3
<b>Unamortized premium on debt (251)</b>				
None				4
				5
<b>Total</b>	<b>0</b>		<b>0</b>	6

### 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		964,415	1
<b>Balance end of year</b>		<b>964,415</b>	<b>2</b>

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## Capital Paid in by Municipality (Acct. 200)

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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

The \$964,415 consists of the following:

\$800,082 mains and hydrants that were paid by the City of Milwaukee (1974-1991).

\$164,333 donated property for the Cameron Meter Shop by the City of Milwaukee Bureau of Sanitation (2013).

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## 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)	
SDC-Revenue Bond 4851-32	05/23/2018	05/01/2038	1.87%	10,617,888	1
SDC-Revenue Bond 4851-35	06/26/2019	05/01/2039	1.98%	12,328,439	2
SDW-Revenue Bond 4851-08	12/26/2013	05/01/2033	1.93%	4,334,482	3
SDW-Revenue Bond 4851-23	10/22/2014	05/01/2034	1.93%	6,239,392	4
SDW-Revenue Bond 4851-26	01/25/2017	05/01/2036	1.54%	12,665,972	5
SDW-Revenue Bond 4851-27	06/28/2017	05/01/2037	1.87%	5,190,506	6
SDW-Revenue Bonds 4851-36	05/27/2020	05/01/2040	1.76%	17,506,127	7
US Bank Revenue - Series 2016 W-10	12/15/2016	06/01/2036	4.50%	8,240,000	8
<b>Total</b>				<b>77,122,806</b>	<b>9</b>

## 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)	
<b>Advances from Municipality (223)</b>					1
Series 2011-B4	06/09/2011	05/15/2026	3.99%	3,875,000	2
Series 2011-N3	06/09/2011	05/15/2021	3.99%	775,000	3
Series 2016 W-10	12/15/2016	06/01/2036	4.50%	250,190	4
<b>Total for Account 223</b>				<b>4,900,190</b>	5

## Taxes Accrued (Acct. 236)

Description (a)	Amount (b)	
Balance first of year	0	1
Charged water department expense	14,146,951	2
Charged electric department expense		3
Charged gas department expense		4
Charged sewer department expense	651,920	5
<b>Total accruals and other credits</b>	<b>14,798,871</b>	6
County, state and local taxes	13,500,000	7
Social Security taxes	1,199,426	8
PSC Remainder Assessment	99,445	9
Gross Receipts Tax		10
<b>Total payments and other debits</b>	<b>14,798,871</b>	11
<b>Balance end of year</b>	<b>0</b>	12

## 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)	
<b>Bonds (221)</b>	0	0	0	0	1
SDW REVENUE BOND 4851-26	34,289	198,616	200,396	32,509	2
SDW REVENUE BOND 4851-27	16,980	98,667	99,469	16,178	3
SDW REVENUE BOND 4851-32	26,663	203,905	197,515	33,053	4
SDW-REVENUE BOND 4851-08	14,840	85,306	86,240	13,906	5
SDW-REVENUE BOND 4851-23	21,254	122,580	123,815	20,019	6
SDW-REVENUE BOND 4851-35	13,166	217,634	194,635	36,165	7
SDW-REVENUE BOND 4851-36		90,048	42,055	47,993	8
<b>Subtotal Bonds (221)</b>	<b>127,192</b>	<b>1,016,756</b>	<b>944,125</b>	<b>199,823</b>	9
<b>Advances from Municipality (223)</b>	0	0	0	0	10
SERIES 2009-B2	1,350	(1,349)	1	0	11
SERIES 2009-N1	249	876	1,125	0	12
SERIES 2010-B5	1,875	9,375	11,250	0	13
SERIES 2010-N1	1,688	(1,687)	1	0	14
SERIES 2011-B4	24,219	193,750	193,750	24,219	15
SERIES 2011-N3	11,071	58,125	58,125	11,071	16
SERIES 2016-N9		20,000	20,000	0	17
SERIES 2019 W2		43,056	43,056	0	18
SERIES REFUNDING - E	49	(48)	1	0	19
US Bank Line of Credit	76,892	282,383	305,612	53,663	20
<b>Subtotal Advances from Municipality (223)</b>	<b>117,393</b>	<b>604,481</b>	<b>632,921</b>	<b>88,953</b>	21
<b>Other Long-Term Debt (224)</b>	0	0	0	0	22
None				0	23
<b>Subtotal Other Long-Term Debt (224)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	24
<b>Notes Payable (231)</b>	0	0	0	0	25
None				0	26
<b>Subtotal Notes Payable (231)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	27
<b>Customer Deposits (235)</b>	0	0	0	0	28
None				0	29
<b>Subtotal Customer Deposits (235)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	30
<b>Total</b>	<b>244,585</b>	<b>1,621,237</b>	<b>1,577,046</b>	<b>288,776</b>	31

## 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)	
<b>Cash and Working Funds (131 )</b>	0	1
Cash	1,260,627	2
<b>Total (Acct. 131 )</b>	<b>1,260,627</b>	3
<b>Working Funds (135)</b>	0	4
Cashier's Working Fund	1,500	5
<b>Total (Acct. 135)</b>	<b>1,500</b>	6
<b>Temporary Cash Investments (136)</b>	0	7
Money Market and LGIP	19,812,126	8
<b>Total (Acct. 136)</b>	<b>19,812,126</b>	9
<b>Customer Accounts Receivable (142)</b>	0	10
Water	14,688,652	11
Sundry	411,206	12
<b>Total (Acct. 142)</b>	<b>15,099,858</b>	13
<b>Other Accounts Receivable (143)</b>	0	14
Sewer (Non-regulated)		15
Merchandising, jobbing and contract work		16
<b>Total (Acct. 143)</b>	<b>0</b>	17
<b>Prepayments (165)</b>	0	18
2020 Debt Service Transfer	988,125	19
Customer Information System Maintenance	820,346	20
Membership Dues	117,933	21
<b>Total (Acct. 165)</b>	<b>1,926,404</b>	22
<b>Accrued Utility Revenues (173)</b>	0	23
Accrued Accounts Receivable Revenue	13,699,111	24
<b>Total (Acct. 173)</b>	<b>13,699,111</b>	25
<b>Miscellaneous Current and Accrued Assets (174)</b>	0	26
Accrued Assets-Pension	8,263,787	27
<b>Total (Acct. 174)</b>	<b>8,263,787</b>	28
<b>Miscellaneous Deferred Debits (186)</b>	0	29
Advancement to Parking Fund	27,229	30
Deferred Outflow - OPEB	10,102,574	31
Developer Projects	18,214	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.

<b>Total (Acct. 186)</b>	<b>10,148,017</b>	33
<b>Accounts Payable (232 )</b>	0	34
Accounts Payable	3,848,693	35
<b>Total (Acct. 232 )</b>	<b>3,848,693</b>	36
<b>Payables to Municipality (233)</b>	0	37
Due to General Fund - 01	333,381	38
Due to Sewer Maintenance Fund - 49	952,747	39
Due to Sewer User Fund - 46	743,218	40
Equity - Cash Pool	(24,402,735)	41
<b>Total (Acct. 233)</b>	<b>(22,373,389)</b>	42
<b>Miscellaneous Current and Accrued Liabilities (242)</b>	0	43
Other Accrued Expenses and Liabilities	87,333,936	44
<b>Total (Acct. 242)</b>	<b>87,333,936</b>	45
<b>Other Deferred Credits (253)</b>	0	46
Regulatory Liability	2,433,977	47
<b>Total (Acct. 253)</b>	<b>2,433,977</b>	48

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## Balance Sheet Detail - Other Accounts

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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 233 ~~Á~~ Payables to Municipality

Fund 01 is the general fund of the City of Milwaukee. Every pay period, the City Comptroller estimated how much of the Milwaukee Works revenue received during the period should be invested or taken by the General Fund to cover the utility expenses. The City of Milwaukee pays the utility expenses and the utility, in turn, reimburses the City. This includes payroll, fringes, inventory, and accounts payable. This fund also accounts for the solid waste and snow/ice collection.

Fund 46 (Sewer Treatment) and Fund 49 (Sewer Maintenance) amounts consist of revenue collected that is pending transfer to the respective funds.

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### General Footnote

Account 165 ~~Á~~ Prepayments

At year end, by State Statute, the City of Milwaukee must take cash from the Water Works in an amount equal to next year's debt service. The City must also return the cash taken of the previous year for debt service. This debt service transfer includes only the General Obligation bonds and the Refunding issues. The Safe Drinking Water issues are not included in this requirement.

Account 186 ~~Á~~ Deferred Debits

Developer Projects . ~~Á~~ These deferred debits consist of charges for materials and inspection of land developer projects. Land developer additions are governed by the City of Milwaukee Ordinance 146, File 60-368-b, approved 6/30/1962, and Ordinance 679, File 63-225-a, approved 3/5/1964

Advancement to Parking Fund . ~~Á~~ This amount is for the Lincoln Yard fixed assets that were transferred to the Parking Fund in 2012. The agreement (Memorandum of Understanding) is for the Parking Fund to pay the Water Works \$27,228.58 (through 2021) for the land and building.

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### 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)	
<b>Add Average</b>						1
Utility Plant in Service (101.1)	695,276,617				<b>695,276,617</b>	2
Materials and Supplies	3,472,870				<b>3,472,870</b>	3
<b>Less Average</b>						4
Reserve for Depreciation (111.1)	276,881,212				<b>276,881,212</b>	5
Customer Advances for Construction					<b>0</b>	6
Regulatory Liability	2,839,639				<b>2,839,639</b>	7
<b>Average Net Rate Base</b>	<b>419,028,636</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>419,028,636</b>	8
Net Operating Income	7,308,024				<b>7,308,024</b>	9
<b>Net Operating Income as a percent of Average Net Rate Base</b>	<b>1.74%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1.74%</b>	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	3,245,302	0	0	0	<b>3,245,302</b>	1
<b>Credits During Year</b>					<b>0</b>	2
None					<b>0</b>	3
<b>Charges (Deductions)</b>					<b>0</b>	4
Miscellaneous Amortization (425)	811,325				<b>811,325</b>	5
<b>Balance End of Year</b>	<b>2,433,977</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,433,977</b>	6

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## Important Changes During the Year

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**Report changes of any of the following types:**

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1. Acquisitions

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2. Leaseholder changes

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3. Extensions of service

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4. Estimated changes in revenues due to rate changes

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5. Obligations incurred or assumed, excluding commercial paper

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6. Formal proceedings with the Public Service Commission

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7. Any additional matters

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## Water Operating Revenues & Expenses

Description (a)	This Year (b)	Last Year (c)	
<b>Operating Revenues - Sales of Water</b>			1
Sales of Water (460-467)	90,341,297	89,463,008	2
<b>Total Sales of Water</b>	<b>90,341,297</b>	<b>89,463,008</b>	3
<b>Other Operating Revenues</b>			4
Forfeited Discounts (470)	1,052,348	2,754,947	5
Rents from Water Property (472)	380,851	370,638	6
Interdepartmental Rents (473)	0	0	7
Other Water Revenues (474)	1,382,435	1,576,940	8
<b>Total Other Operating Revenues</b>	<b>2,815,634</b>	<b>4,702,525</b>	9
<b>Total Operating Revenues</b>	<b>93,156,931</b>	<b>94,165,533</b>	10
<b>Operation and Maintenance Expenses</b>			11
Source of Supply Expense (600-617)	0	1,703,217	12
Pumping Expenses (620-633)	6,569,515	6,283,694	13
Water Treatment Expenses (640-652)	11,328,563	11,035,247	14
Transmission and Distribution Expenses (660-678)	17,822,436	16,341,019	15
Customer Accounts Expenses (901-906)	922,529	1,414,558	16
Sales Expenses (910)	0	0	17
Administrative and General Expenses (920-932)	18,574,790	10,492,821	18
<b>Total Operation and Maintenance Expenses</b>	<b>55,217,833</b>	<b>47,270,556</b>	19
<b>Other Operating Expenses</b>			20
Depreciation Expense (403)	16,484,123	15,728,696	21
Amortization Expense (404-407)			22
Taxes (408)	14,146,951	13,820,222	23
<b>Total Other Operating Expenses</b>	<b>30,631,074</b>	<b>29,548,918</b>	24
<b>Total Operating Expenses</b>	<b>85,848,907</b>	<b>76,819,474</b>	25
<b>NET OPERATING INCOME</b>	<b>7,308,024</b>	<b>17,346,059</b>	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)	
<b>Unmetered Sales to General Customers (460)</b>				1
Residential (460.1)				2
Commercial (460.2)				3
Industrial (460.3)				4
Public Authority (460.4)	2	13,326	40,252	5
Multifamily Residential (460.5)				6
Irrigation (460.6)				7
<b>Total Unmetered Sales to General Customers (460)</b>	<b>2</b>	<b>13,326</b>	<b>40,252</b>	8
<b>Metered Sales to General Customers (461)</b>				9
Residential (461.1)	137,819	8,488,858	35,045,706	10
Commercial (461.2)	12,554	4,215,643	14,168,060	11
Industrial (461.3)	1,302	2,621,427	5,784,785	12
Public Authority (461.4)	920	1,414,535	3,734,818	13
Multifamily Residential (461.5)	8,778	2,913,131	9,641,924	14
Irrigation (461.6)				15
<b>Total Metered Sales to General Customers (461)</b>	<b>161,373</b>	<b>19,653,594</b>	<b>68,375,293</b>	16
Private Fire Protection Service (462)	3,006		788,505	17
Public Fire Protection Service (463)	16		8,851,092	18
Other Water Sales (465)				19
Sales for Resale (466)	12	7,512,500	12,286,155	20
Interdepartmental Sales (467)				21
<b>Total Sales of Water</b>	<b>164,409</b>	<b>27,179,420</b>	<b>90,341,297</b>	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)	
Brown Deer Water Public Utility	N. 60TH ST. & W. BRADLEY RD.	437,904	748,546	1
Butler Public Water Utility	N. 124TH ST. & W. SILVER SPRING RD.	111,601	176,657	2
City of Cudahy Water Utility	STANDBY CHARGES		3,500	3
Mequon Municipal Water Utility	N.76TH ST. & W. COUNTY LINE RD.	367,911	659,602	4
MILWAUKEE COUNTY WATER UTILITY	N.60TH ST. & W. NORTH AVE.	263,918	471,804	5
New Berlin Water Utility	S. 124TH ST. & W. HOWARD AVE	948,118	1,506,541	6
NORTH SHORE WATER COMMISSION	STANDBY CHARGES		2,700	7
Shorewood Municipal Water Utility	N. DOWNER & E. EDGEWOOD AVE	389,187	663,488	8
Village of Greendale Water Utility	S. 60TH ST. & W. EDGERTON AVE	412,286	790,538	9
Village of Menomonee Falls Water Utility	N. 124TH ST. & W. BRADLEY RD.	1,082,086	1,734,802	10
Wauwatosa Water Utility	W. CLARKE ST. & W.O. N.61 ST.	1,678,539	2,761,373	11
West Allis Municipal Water Utility	S. 77TH & W. PIERCE STREET	1,820,950	2,766,604	12
<b>Total</b>		<b>7,512,500</b>	<b>12,286,155</b>	13



## 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)	
<b>Public Fire Protection Service (463)</b>		1
Amount billed (usually per rate schedule F-1 or Fd-1)	8,642,857	2
Wholesale fire protection billed	208,235	3
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		4
<b>Total Public Fire Protection Service (463)</b>	<b>8,851,092</b>	5
<b>Forfeited Discounts (470)</b>		6
Customer late payment charges	1,052,348	7
<b>Total Forfeited Discounts (470)</b>	<b>1,052,348</b>	8
<b>Rents from Water Property (472)</b>		9
Rent of tower for cellular antennas	380,851	10
<b>Total Rents from Water Property (472)</b>	<b>380,851</b>	11
<b>Interdepartmental Rents (473)</b>		12
None		13
<b>Total Interdepartmental Rents (473)</b>	<b>0</b>	14
<b>Other Water Revenues (474)</b>		15
Return on net investment in meters charged to sewer department	1,045,394	16
Adjustment of Unbilled Accounts Receivables	(213,299)	17
Emergency Hose Connection	1,020	18
Insurance - Net Settlement Fund	334,247	19
Legal Collection Fees	33,666	20
Meter Reset Fees	9,040	21
Missed Appointment Charges	1,680	22
NSF Check Fees	39,585	23
Reconnection Charges	41,950	24
Request for Utility Bill Charges	383	25
Sales of Materias	764	26
Special Billing Charges	56,560	27
Special Meter Reading Charges	13,650	28
West Milwaukee Sewer Billing Fees	17,795	29
<b>Total Other Water Revenues (474)</b>	<b>1,382,435</b>	30

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## Other Operating Revenues (Water)

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- 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 includes accurate descriptions.

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## 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)	
<b>SOURCE OF SUPPLY EXPENSES</b>					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)			0	0	7
Maintenance of Structures and Improvements (611)			0	0	8
Maintenance of Collecting and Impounding Reservoirs (612)			0	0	9
Maintenance of Lake, River and Other Intakes (613)			0	0	10
Maintenance of Wells and Springs (614)			0	0	11
Maintenance of Supply Mains (616)			0	1,703,217	12
Maintenance of Miscellaneous Water Source Plant (617)			0	0	13
<b>Total Source of Supply Expenses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,703,217</b>	<b>14</b>
<b>PUMPING EXPENSES</b>					15
Operation Supervision and Engineering (620)			0	0	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)		5,109,335	5,109,335	4,939,189	19
Pumping Labor and Expenses (624)	396,000	10,092	406,092	414,582	20
Expenses Transferred--Credit (625)			0	0	21
Miscellaneous Expenses (626)		124,358	124,358	211,675	22
Rents (627)			0	0	23
Maintenance Supervision and Engineering (630)	165,491	865	166,356	153,540	24
Maintenance of Structures and Improvements (631)	179,771	134,411	314,182	281,429	25
Maintenance of Power Production Equipment (632)			0	0	26
Maintenance of Pumping Equipment (633)	69,097	380,095	449,192	283,279	27
<b>Total Pumping Expenses</b>	<b>810,359</b>	<b>5,759,156</b>	<b>6,569,515</b>	<b>6,283,694</b>	<b>28</b>
<b>WATER TREATMENT EXPENSES</b>					29
Operation Supervision and Engineering (640)	303,254	162	303,416	351,840	30
Chemicals (641)		1,843,128	1,843,128	1,791,946	31
Operation Labor and Expenses (642)	3,112,014	1,405,003	4,517,017	4,250,522	32
Miscellaneous Expenses (643)	72,943	597,287	670,230	718,530	33
Rents (644)			0	0	34
Maintenance Supervision and Engineering (650)	168,268		168,268	151,206	35
Maintenance of Structures and Improvements (651)	121,135	916,857	1,037,992	1,021,651	36
Maintenance of Water Treatment Equipment (652)	1,808,979	979,533	2,788,512	2,749,552	37
<b>Total Water Treatment Expenses</b>	<b>5,586,593</b>	<b>5,741,970</b>	<b>11,328,563</b>	<b>11,035,247</b>	<b>38</b>
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>					39
Operation Supervision and Engineering (660)	1,465,800	96,282	1,562,082	1,514,158	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)			0	0	41
Transmission and Distribution Lines Expenses (662)	238,369	819,247	1,057,616	1,004,873	42
Meter Expenses (663)	140,162	843,686	983,848	943,237	43
Customer Installations Expenses (664)			0	0	44
Miscellaneous Expenses (665)	627,410	1,524,792	2,152,202	2,143,169	45
Rents (666)		1,265,000	1,265,000	1,275,000	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)		47,279	47,279	328,819	49
Maintenance of Transmission and Distribution Mains (673)	793,546	6,148,247	6,941,793	5,368,619	50
Maintenance of Services (675)	1,935,668	580,177	2,515,845	2,587,105	51
Maintenance of Meters (676)	15,003	14,486	29,489	33,533	52
Maintenance of Hydrants (677)	454,464	491,302	945,766	694,473	53
Maintenance of Miscellaneous Plant (678)	2,312	319,204	321,516	448,033	54
<b>Total Transmission and Distribution Expenses</b>	<b>5,672,734</b>	<b>12,149,702</b>	<b>17,822,436</b>	<b>16,341,019</b>	<b>55</b>
<b>CUSTOMER ACCOUNTS EXPENSES</b>					<b>56</b>
Supervision (901)	89,166		89,166	92,280	57
Meter Reading Expenses (902)	192,100	4,346	196,446	217,050	58
Customer Records and Collection Expenses (903)	275,457	550,536	825,993	805,888	59
Uncollectible Accounts (904)		(189,318)	(189,318)	299,000	60
Miscellaneous Customer Accounts Expenses (905)			0	0	61
Customer Service and Informational Expenses (906)	242		242	340	62
<b>Total Customer Accounts Expenses</b>	<b>556,965</b>	<b>365,564</b>	<b>922,529</b>	<b>1,414,558</b>	<b>63</b>
<b>SALES EXPENSES</b>					<b>64</b>
Sales Expenses (910)			0	0	65
<b>Total Sales Expenses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66</b>
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>					<b>67</b>
Administrative and General Salaries (920)	2,568,583		2,568,583	2,700,849	68
Office Supplies and Expenses (921)		892,193	892,193	806,743	69
Administrative Expenses Transferred--Credit (922)			0	0	70
Outside Services Employed (923)		1,991,934	1,991,934	1,854,205	71
Property Insurance (924)		248,799	248,799	137,936	72
Injuries and Damages (925)		542,126	542,126	448,831	73
Employee Pensions and Benefits (926)		10,747,991	10,747,991	4,212,994	74
Regulatory Commission Expenses (928)		51,042	51,042	27,270	75
Duplicate Charges--Credit (929)			0	0	76
Miscellaneous General Expenses (930)		1,331,875	1,331,875	111,579	77
Rents (931)		185,163	185,163	178,050	78
Maintenance of General Plant (932)		15,084	15,084	14,364	79
<b>Total Administrative and General Expenses</b>	<b>2,568,583</b>	<b>16,006,207</b>	<b>18,574,790</b>	<b>10,492,821</b>	<b>80</b>

## 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)	
<b>TOTAL OPERATION AND MAINTENANCE EXPENSES</b>	15,195,234	40,022,599	55,217,833	47,270,556	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.

904ÁÁUncollectible Accounts

The negative amount is due to updating the calculation of uncollectable accounts.

#### 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.

616ÁÁMaintenance of Supply Mains

Decreased of 100% due to North Point tunnel inspection in 2019

626ÁÁMiscellaneous Expenses

Decrease of 41% due to professional services.

633ÁÁMaintenance of Pumping Equipment

Increase of 59% due switchgear repair in 2020

672ÁÁMaintenance of Distribution Reservoirs and Standpipes

Decrease 86% due to painting the tanks at Florist and Lincoln stations in 2019

673ÁÁMaintenance of Transmission and Dist. Mains

Increase 29% due main break cost.

677ÁÁMaintenance of Hydrants

Increase 36% due to staff time charge in 2020

678ÁÁMaintenance of Miscellaneous Plant

Decrease of 28% due to professional services and temporary staff

924ÁÁProperty Insurance

Increase of 80% due to higher property insurance premiums in 2020

925ÁÁInjuries and Damages

Increase of 21% due to the annual fringe benefits adjustment.

926ÁÁEmployee Pensions and Benefits

Increase of 155% due to pension and OPEB liabilities.

928ÁÁRegulatory Commission Expenses

Increase of 87% due to PSC fees to review the application to construct the new water supply pumping station.

930ÁÁMiscellaneous General Expenses

Increase due to \$ 1,458,048 COVID expenses

## 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	13,500,000	13,300,000	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department	651,920	584,843	2
<b>Net Property Tax Equivalent</b>	<b>12,848,080</b>	<b>12,715,157</b>	<b>3</b>
Social Security	1,199,426	1,013,015	4
PSC Remainder Assessment	99,445	92,050	5
<b>Total Tax Expense</b>	<b>14,146,951</b>	<b>13,820,222</b>	<b>6</b>

## 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: MILWAUKEE(1)**

**SUMMARY OF TAX RATES**

1. State Tax Rate	mills	0.000000
2. County Tax Rate	mills	4.540000
3. Local Tax Rate	mills	10.090000
4. School Tax Rate	mills	10.390000
5. Vocational School Tax Rate	mills	1.130000
6. Other Tax Rate - Local	mills	0.000000
7. Other Tax Rate - Non-Local	mills	1.560000
<b>8. Total Tax Rate</b>	mills	<b>27.710000</b>
9. Less: State Credit	mills	1.550000
<b>11. Net Tax Rate</b>	mills	<b>26.160000</b>

**PROPERTY TAX EQUIVALENT CALCULATION**

<b>12. Local Tax Rate</b>	mills	<b>10.090000</b>
<b>13. Combined School Tax Rate</b>	mills	<b>11.520000</b>
<b>14. Other Tax Rate - Local</b>	mills	<b>0.000000</b>
<b>15. Total Local &amp; School Tax Rate</b>	mills	<b>21.610000</b>
<b>16. Total Tax Rate</b>	mills	<b>27.710000</b>
<b>17. Ratio of Local and School Tax to Total</b>	dec.	<b>0.779863</b>
<b>18. Total Tax Net of State Credit</b>	mills	<b>26.160000</b>
<b>19. Net Local and School Tax Rate</b>	mills	<b>20.401213</b>
20. Utility Plant, Jan 1	\$	833,178,920
21. Materials & Supplies	\$	3,537,799
<b>22. Subtotal</b>	\$	<b>836,716,719</b>
23. Less: Plant Outside Limits	\$	82,246,727
<b>24. Taxable Assets</b>	\$	<b>754,469,992</b>
25. Assessment Ratio	dec.	1.017200
<b>26. Assessed Value</b>	\$	<b>767,446,876</b>
<b>27. Net Local and School Tax Rate</b>	mills	<b>20.401213</b>
<b>28. Tax Equiv. Computed for Current Year</b>	\$	<b>15,656,849</b>

**PROPERTY TAX EQUIVALENT - TOTAL**

**PROPERTY TAX EQUIVALENT CALCULATION**

1. Utility Plant, Jan 1	\$	833,178,920
2. Materials & Supplies	\$	3,537,799
<b>3. Subtotal</b>	\$	<b>836,716,719</b>
4. Less: Plant Outside Limits	\$	82,246,727
<b>5. Taxable Assets</b>	\$	<b>754,469,992</b>
<b>6. Assessed Value</b>	\$	<b>767,446,876</b>
<b>7. Tax Equiv. Computed for Current Year</b>	\$	<b>15,656,849</b>
8. Tax Equivalent per 1994 PSC Report	\$	6,904,063
9. Amount of Lower Tax Equiv. as Authorized by Municipality for Current Year (see notes)	\$	13,500,000
<b>10. Tax Equivalent for Current Year (see notes)</b>	\$	<b>13,500,000</b>



### 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

#### Water Property Tax Equivalent - Detail (Page W-07)

If Other Tax Rate - Local and/or Other Tax Rate - Non-Local are greater than zero, please explain.

Other Tax Rate-Non Local represents the tax charged by the Milwaukee Metropolitan Sewerage District (MMSD).

#### Water Property Tax Equivalent - Total (Page W-07)

##### General Footnote

Other Tax Rate - Non-Local is charged by the Milwaukee Metropolitan Sewerage District (MMSD). MMSD is a special purpose corporation organized under the laws of the State of Wisconsin. It was created in 1982. They report to a governing body that is responsible for the area they service.

Lower Tax Equivalent authorized by municipality is greater than or equal to zero, please explain.

The City of Milwaukee and MWW agreed to pay \$13,500,000.00 in 2020 as part of its adopted budget.

## 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
<b>INTANGIBLE PLANT</b>						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	5
<b>SOURCE OF SUPPLY PLANT</b>						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)	16,080,676				16,080,676	10
Wells and Springs (314)	0				0	11
Supply Mains (316)	7,294,338				7,294,338	12
Other Water Source Plant (317)	0				0	13
<b>Total Source of Supply Plant</b>	<b>23,375,014</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,375,014</b>	14
<b>PUMPING PLANT</b>						15
Land and Land Rights (320)	337,652				337,652	16
Structures and Improvements (321)	9,176,984				9,176,984	17
Other Power Production Equipment (323)	0				0	18
Electric Pumping Equipment (325)	47,474,653				47,474,653	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	0				0	21
<b>Total Pumping Plant</b>	<b>56,989,289</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,989,289</b>	22
<b>WATER TREATMENT PLANT</b>						23
Land and Land Rights (330)	914,137				914,137	24
Structures and Improvements (331)	19,099,133	10,640	10,640		19,099,133	25
Sand or Other Media Filtration Equipment (332)	43,365,216				43,365,216	26
Membrane Filtration Equipment (333)	0				0	27
Other Water Treatment Equipment (334)	65,758,575				65,758,575	28
<b>Total Water Treatment Plant</b>	<b>129,137,061</b>	<b>10,640</b>	<b>10,640</b>	<b>0</b>	<b>129,137,061</b>	29
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						30
Land and Land Rights (340)	29,629				29,629	31
Structures and Improvements (341)	0				0	32
Distribution Reservoirs and Standpipes (342)	8,988,682				8,988,682	33
Transmission and Distribution Mains (343)	312,751,401	51,120,319	2,104,588		361,767,132	34
Services (345)	16,276,764	4,208,344		(340)	20,484,768	35
Meters (346)	46,792,332	3,363,448	759,190		49,396,590	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)	36,796,085	5,802,772	1,327,165		41,271,692	37	
Other Transmission and Distribution Plant (349)	0				0	38	
<b>Total Transmission and Distribution Plant</b>	<b>421,634,893</b>	<b>64,494,883</b>	<b>4,190,943</b>	<b>(340)</b>	<b>481,938,493</b>	39	
<b>GENERAL PLANT</b>							40
Land and Land Rights (389)	133,980				133,980	41	
Structures and Improvements (390)	2,817,841				2,817,841	42	
Office Furniture and Equipment (391)	1,874,143				1,874,143	43	
Computer Equipment (391.1)	6,095,777	21,648	508,031		5,609,394	44	
Transportation Equipment (392)	11,120,717	1,707,046	581,546		12,246,217	45	
Stores Equipment (393)	0				0	46	
Tools, Shop and Garage Equipment (394)	1,686,386	116,580	109,170		1,693,796	47	
Laboratory Equipment (395)	1,549,375	44,104	33,783		1,559,696	48	
Power Operated Equipment (396)	3,514,180		28,165		3,486,015	49	
Communication Equipment (397)	3,037,720	89,865			3,127,585	50	
SCADA Equipment (397.1)	1,769,299	59,736			1,829,035	51	
Miscellaneous Equipment (398)	0				0	52	
<b>Total General Plant</b>	<b>33,599,418</b>	<b>2,038,979</b>	<b>1,260,695</b>	<b>0</b>	<b>34,377,702</b>	53	
<b>Total utility plant in service directly assignable</b>	<b>664,735,675</b>	<b>66,544,502</b>	<b>5,462,278</b>	<b>(340)</b>	<b>725,817,559</b>	54	
Common Utility Plant Allocated to Water Department	0				0	55	
<b>TOTAL UTILITY PLANT IN SERVICE</b>	<b>664,735,675</b>	<b>66,544,502</b>	<b>5,462,278</b>	<b>(340)</b>	<b>725,817,559</b>	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.
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- 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 343 ~~Á~~ Transmission and Distribution Mains  
238,474 feet of Water Main were added

Account 345 ~~Á~~ Services  
474 Services Lines added

Account 346 ~~Á~~ Meters  
9,203 Meters were put in service

Account 348 ~~Á~~ Hydrants  
710 Hydrant were added

Account 392 ~~Á~~ Transportation Equipment  
Vehicles and trucks added various locations

Account 394 ~~Á~~ Tools, Shop and Garage Equipment  
Flow Meter \$7,274  
Configuration Level \$47,500  
Tools \$10,210  
Skid Steer \$19,600  
Lift gate & Crane \$31,995

Account 397 - Communication Equipment  
Infrared Camera \$9,500  
MG Squared External Camera \$11,975  
Mobile Collector Radios \$68,390

Account 397.1 ~~Á~~ SCADA Equipment  
6 Logix Controllers \$59,736

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

Account 343 ~~Á~~ Transmission and Distribution Mains  
242,464 Feet of water mains were retired

Account 346 ~~Á~~ Meters  
5,947 meter were taken out of service

Account 348 ~~Á~~ Hydrants  
697 Hydrants were removed/retired

Account 391.1 ~~Á~~ Computer Equipment  
Retirement of hardware and software at various locations \$508,031

Account 392 ~~Á~~ Transportation Equipment  
Retirement of vehicles, trucks and cars at various locations \$581,546

Account 394 - Tools, Shop and Garage Equipment  
Retirement of obsolete tools and equipment at various locations \$109,170

## Water Utility Plant in Service - Plant Financed by Contributions

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- 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)	
<b>INTANGIBLE PLANT</b>						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	5
<b>SOURCE OF SUPPLY PLANT</b>						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
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	14
<b>PUMPING PLANT</b>						15
Land and Land Rights (320)	0				0	16
Structures and Improvements (321)	0				0	17
Other Power Production Equipment (323)	0				0	18
Electric Pumping Equipment (325)	0				0	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	0				0	21
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	22
<b>WATER TREATMENT PLANT</b>						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
<b>Total Water Treatment Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	29
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						30
Land and Land Rights (340)	0				0	31
Structures and Improvements (341)	0				0	32
Distribution Reservoirs and Standpipes (342)	0				0	33
Transmission and Distribution Mains (343)	80,758,164	424,425	29,378		81,153,211	34
Services (345)	21,144,551		58,321		21,086,230	35
Meters (346)	1,145,109		9,317		1,135,792	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.
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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)	8,181,904	182,764	295,106		<b>8,069,562</b>	37
Other Transmission and Distribution Plant (349)	0				<b>0</b>	38
<b>Total Transmission and Distribution Plant</b>	<b>111,229,728</b>	<b>607,189</b>	<b>392,122</b>	<b>0</b>	<b>111,444,795</b>	39
<b>GENERAL PLANT</b>						40
Land and Land Rights (389)	0				<b>0</b>	41
Structures and Improvements (390)	0				<b>0</b>	42
Office Furniture and Equipment (391)	0				<b>0</b>	43
Computer Equipment (391.1)	0				<b>0</b>	44
Transportation Equipment (392)	0				<b>0</b>	45
Stores Equipment (393)	0				<b>0</b>	46
Tools, Shop and Garage Equipment (394)	0				<b>0</b>	47
Laboratory Equipment (395)	0				<b>0</b>	48
Power Operated Equipment (396)	0				<b>0</b>	49
Communication Equipment (397)	0				<b>0</b>	50
SCADA Equipment (397.1)	0				<b>0</b>	51
Miscellaneous Equipment (398)	0				<b>0</b>	52
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	53
<b>Total utility plant in service directly assignable</b>	<b>111,229,728</b>	<b>607,189</b>	<b>392,122</b>	<b>0</b>	<b>111,444,795</b>	54
Common Utility Plant Allocated to Water Department	0				<b>0</b>	55
<b>TOTAL UTILITY PLANT IN SERVICE</b>	<b>111,229,728</b>	<b>607,189</b>	<b>392,122</b>	<b>0</b>	<b>111,444,795</b>	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") \$\$\$\$zd`YUgYI d`Ujb"-ZUdd`JUV`Yzdfcj JXYVcbgifi Wjcb`U`h cfJnUjcb`UbX'DG7`XcW\_Yh number.

Account 343 - Mains  
238,474 feet of Mains added

Account 348 - Hydrants  
710 hydrants added

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

Account 345 - Services  
358 Service Lines removed/retired

Account 348 - Hydrants  
697 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)	
<b>SOURCE OF SUPPLY PLANT</b>									1
Structures and Improvements (311)	0							0	2
Collecting and Impounding Reservoirs (312)	0							0	3
Lake, River and Other Intakes (313)	8,584,549	1.70%	273,371					8,857,920	4
Wells and Springs (314)	0							0	5
Supply Mains (316)	4,827,612	1.80%	131,298					4,958,910	6
Other Water Source Plant (317)	0							0	7
<b>Total Source of Supply Plant</b>	<b>13,412,161</b>		<b>404,669</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,816,830</b>	8
<b>PUMPING PLANT</b>									9
Structures and Improvements (321)	8,989,126	3.20%	187,858					9,176,984	10
Other Power Production Equipment (323)	0							0	11
Electric Pumping Equipment (325)	19,156,464	4.40%	1,782,192					20,938,656	12
Diesel Pumping Equipment (326)	0							0	13
Other Pumping Equipment (328)	0							0	14
<b>Total Pumping Plant</b>	<b>28,145,590</b>		<b>1,970,050</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,115,640</b>	15
<b>WATER TREATMENT PLANT</b>									16
Structures and Improvements (331)	11,517,967	3.20%	611,172	10,640				12,118,499	17
Sand or Other Media Filtration Equipment (332)	28,622,714	3.30%	1,431,052					30,053,766	18
Membrane Filtration Equipment (333)	0							0	19
Other Water Treatment Equipment (334)	53,723,144	6.00%	3,945,514					57,668,658	20
<b>Total Water Treatment Plant</b>	<b>93,863,825</b>		<b>5,987,738</b>	<b>10,640</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99,840,923</b>	21
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>									22
Structures and Improvements (341)	0							0	23
Distribution Reservoirs and Standpipes (342)	4,253,058	1.90%	170,785					4,423,843	24
Transmission and Distribution Mains (343)	80,018,015	1.30%	4,384,370	2,104,588	19,339			82,278,458	25
Services (345)	475,966	2.00%	367,619				(340)	843,245	26
Meters (346)	17,656,124	5.50%	2,645,195	759,190		68,562		19,610,691	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)	8,810,142	2.20%	858,746	1,327,165	462,434	67,781		7,947,070	28
Other Transmission and Distribution Plant (349)	0							0	29
<b>Total Transmission and Distribution Plant</b>	<b>111,213,305</b>		<b>8,426,715</b>	<b>4,190,943</b>	<b>481,773</b>	<b>136,343</b>	<b>(340)</b>	<b>115,103,307</b>	30
<b>GENERAL PLANT</b>									31
Structures and Improvements (390)	1,302,639	2.90%	81,717					1,384,356	32
Office Furniture and Equipment (391)	1,866,943	5.80%	430					1,867,373	33
Computer Equipment (391.1)	4,978,981	26.70%	408,296	508,031				4,879,246	34
Transportation Equipment (392)	8,146,512	13.30%	804,168	581,546				8,369,134	35
Stores Equipment (393)	0							0	36
Tools, Shop and Garage Equipment (394)	754,706	5.80%	98,025	109,170				743,561	37
Laboratory Equipment (395)	449,726	5.80%	90,163	33,783				506,106	38
Power Operated Equipment (396)	2,292,158	7.50%	257,542	28,165				2,521,535	39
Communication Equipment (397)	2,748,226	15.00%	73,340					2,821,566	40
SCADA Equipment (397.1)	1,226,272	9.20%	165,523					1,391,795	41
Miscellaneous Equipment (398)	0							0	42
<b>Total General Plant</b>	<b>23,766,163</b>		<b>1,979,204</b>	<b>1,260,695</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,484,672</b>	43
<b>Total accum. prov. directly assignable</b>	<b>270,401,044</b>		<b>18,768,376</b>	<b>5,462,278</b>	<b>481,773</b>	<b>136,343</b>	<b>(340)</b>	<b>283,361,372</b>	44
Common Utility Plant Allocated to Water Department	0							0	45
<b>TOTAL ACCUM, PROV, FOR DEPRECIATION</b>	<b>270,401,044</b>		<b>18,768,376</b>	<b>5,462,278</b>	<b>481,773</b>	<b>136,343</b>	<b>(340)</b>	<b>283,361,372</b>	46

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

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- |   |  |
|---|--|
| 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.**

The adjustment is due to and internal audit of the Service Lines Property Ledger

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### 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)	
<b>SOURCE OF SUPPLY PLANT</b>									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
<b>Total Source of Supply Plant</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	8
<b>PUMPING PLANT</b>									9
Structures and Improvements (321)	0							0	10
Other Power Production Equipment (323)	0							0	11
Electric Pumping Equipment (325)	0							0	12
Diesel Pumping Equipment (326)	0							0	13
Other Pumping Equipment (328)	0							0	14
<b>Total Pumping Plant</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	15
<b>WATER TREATMENT PLANT</b>									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
<b>Total Water Treatment Plant</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	21
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>									22
Structures and Improvements (341)	0							0	23
Distribution Reservoirs and Standpipes (342)	0							0	24
Transmission and Distribution Mains (343)	25,309,961	1.30%	1,052,424	29,378	5,200			<b>26,327,807</b>	25
Services (345)	1,149,620	2.00%	422,308	58,321				<b>1,513,607</b>	26
Meters (346)	1,081,264	5.50%	62,725	9,317		1,120		<b>1,135,792</b>	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)	2,632,543	2.20%	178,766	295,106	102,826	15,072		2,428,449	28
Other Transmission and Distribution Plant (349)	0							0	29
<b>Total Transmission and Distribution Plant</b>	<b>30,173,388</b>		<b>1,716,223</b>	<b>392,122</b>	<b>108,026</b>	<b>16,192</b>	<b>0</b>	<b>31,405,655</b>	30
<b>GENERAL PLANT</b>									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
<b>Total General Plant</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	43
<b>Total accum. prov. directly assignable</b>	<b>30,173,388</b>		<b>1,716,223</b>	<b>392,122</b>	<b>108,026</b>	<b>16,192</b>	<b>0</b>	<b>31,405,655</b>	44
Common Utility Plant Allocated to Water Department	0							0	45
<b>TOTAL ACCUM, PROV, FOR DEPRECIATION</b>	<b>30,173,388</b>		<b>1,716,223</b>	<b>392,122</b>	<b>108,026</b>	<b>16,192</b>	<b>0</b>	<b>31,405,655</b>	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 48" diameter in the 60" 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)			
2.000		0	0	0	0	151	386	2,198	3,604	95	<b>6,434</b>	1	
4.000		4,451	13,170	128	847	14,039	7,729	8,166	183	89	<b>48,802</b>	2	
6.000		1,416,380	668,443	154,708	87,439	29,239	24,685	13,891	29,910	24,754	<b>2,449,449</b>	3	
8.000		281,530	755,936	645,649	687,582	361,215	285,086	382,236	483,417	580,351	<b>4,463,002</b>	4	
12.000		180,332	376,523	296,191	175,460	135,491	156,570	100,058	53,513	49,654	<b>1,523,792</b>	5	
16.000		65,026	206,215	298,167	261,929	122,442	70,865	51,406	24,088	31,204	<b>1,131,342</b>	6	
20.000		40,570	14,008	2,081	13,522	2,672	131	201	665	152	<b>74,002</b>	7	
24.000		10,670	7,771	5,390	32,681	5,734	2,909	245	323	10,451	<b>76,174</b>	8	
30.000		48,767	19,926	2,064	18,249	0	171	1,303	1,445	1,277	<b>93,202</b>	9	
36.000		64,449	24,388	11,919	23,363	5,656	4,730	399	494	1,086	<b>136,484</b>	10	
42.000		882	7,162	35,280	38,730	1,042	4,653	11,248	6	6	<b>99,009</b>	11	
48.000		0	23,078	12,134	26,308	0	13	24	151	21	<b>61,729</b>	12	
54.000		0	46,897	46,842	55,544	0	0	13,235	3,408	57	<b>165,983</b>	13	
60.000		0	0	0	20,509	0	0	1,060	0	0	<b>21,569</b>	14	
<b>Total</b>	<b>0</b>	<b>2,113,057</b>	<b>2,163,517</b>	<b>1,510,553</b>	<b>1,442,163</b>	<b>677,681</b>	<b>557,928</b>	<b>585,670</b>	<b>601,207</b>	<b>699,197</b>	<b>10,350,973</b>	15	

Describe source of information used to develop data:

**The Water Main Property Ledger was used to develop the data. It gives a detailed list of water mains by size, type of material, year of installation and retirement, and location (inside and outside of the municipality).**

### 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	
	Raw Water Withdrawn		Finished Water Pumped		Purchased Water (Imported)		Entering Distribution	
	Ground Water (b)	Surface Water (c)	Ground Water (d)	Surface Water (e)	Ground Water (f)	Surface Water (g)	System (h)	
January		2,713,830		2,713,830			<b>2,713,830</b>	1
February		2,578,450		2,578,450			<b>2,578,450</b>	2
March		2,666,850		2,666,850			<b>2,666,850</b>	3
April		2,527,700		2,527,700			<b>2,527,700</b>	4
May		2,667,380		2,667,380			<b>2,667,380</b>	5
June		2,838,260		2,838,260			<b>2,838,260</b>	6
July		3,058,950		3,058,950			<b>3,058,950</b>	7
August		3,059,970		3,059,970			<b>3,059,970</b>	8
September		2,681,560		2,681,560			<b>2,681,560</b>	9
October		2,674,640		2,674,640			<b>2,674,640</b>	10
November		2,507,840		2,507,840			<b>2,507,840</b>	11
December		2,556,860		2,556,860			<b>2,556,860</b>	12
<b>TOTAL</b>	<b>0</b>	<b>32,532,290</b>	<b>0</b>	<b>32,532,290</b>	<b>0</b>	<b>0</b>	<b>32,532,290</b>	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)
<b>WATER AUDIT STATISTICS</b>	
Finished Water pumped or purchased (000s)	32,532,290
Less: Gallons (000s) sold to wholesale customers (exported water)	7,512,500
<b>Subtotal: Net gallons (000s) entering distribution system</b>	<b>25,019,790</b>
Less: Gallons (000s) sold to retail customers (billed, metered)	19653594
Less: Gallons (000s) sold to retail customers (billed, unmetered)	13326
<b>Gallons (000s) of Non-Revenue Water</b>	<b>5,352,870</b>
Gallons (000s) of unbilled-metered (including customer use to prevent freezing)	195,093
Gallons (000s) of unbilled-unmetered (including unmetered flushing, fire protection)	419,415
<b>Subtotal: Unbilled Authorized Consumption</b>	<b>614,508</b>
<b>Total Water Loss</b>	<b>4,738,362</b>
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
<b>Subtotal Apparent Losses</b>	<b>0</b>
Gallons (000s) estimated due to reported leakage (mains, services, hydrants, overflows)	84,136
Gallons (000s) estimated due to unreported and background leakage	4,654,226
<b>Subtotal Real Losses (leakage)</b>	<b>4,738,362</b>
Non-Revenue Water as percentage of net water supplied	21%
Total Water Loss as percentage of net water supplied	19%
<b>OTHER STATISTICS</b>	
Maximum gallons (000s) pumped by all methods in any one day during reporting year	107,060
Date of maximum	08/21/2020
Cause of maximum	
Maximum pumpage occurred during day of high temperature and dry conditions.	
Minimum gallons (000s) pumped by all methods in any one day during reporting year	62,650
Date of minimum	11/19/2020
Total KWH used by the utility (including pumping, treatment facilities and other utility operations)	60,368,084
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	316
Number of service breaks repaired this year	14

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## Sources of Water Supply - Well Information

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- 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.

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



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**Sources of Water Supply - Intake Information**

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Description (a)	Distance From Shore (feet) (b)	Depth Below Surface (feet) (c)	Diameter (inches) (d)	
Linnwood Intake	6,565	62	144	1
Texas Intake	11,767	57	108	2

## Pumping & Power Equipment

Identification (a)	Pump						Pump Motor or Standby Engine			
	Location (b)	Primary Purpose (c)	Primary Destination (d)	Year Installed (e)	Type (f)	Actual Capacity (gpm) (g)	Year Installed (j)	Type (k)	Horse-power (l)	
ADLER-PUMP #1	ADLER STATION	Booster	Distribution	2016	Centrifugal	1,111	2016	Electric	30	1
ADLER-PUMP #2	ADLER STATION	Booster	Distribution	2016	Centrifugal	1,111	2016	Electric	30	2
ADLER-PUMP #3	ADLER STATION	Booster	Distribution	2016	Centrifugal	1,111	2016	Electric	30	3
BLUEMOUND-PUMP #1	BLUEMOUND STATION	Booster	Distribution	1994	Centrifugal	1,201	1994	Electric	40	4
BLUEMOUND-PUMP #2	BLUEMOUND STATION	Booster	Distribution	1994	Centrifugal	1,201	1994	Electric	40	5
BLUEMOUND-PUMP #3	BLUEMOUND STATION	Booster	Distribution	1994	Centrifugal	1,201	1994	Electric	40	6
CAPITOL-PUMP #1	CAPITOL STATION	Booster	Distribution	1998	Centrifugal	694	1998	Electric	15	7
CAPITOL-PUMP #2	CAPITOL STATION	Booster	Distribution	1998	Centrifugal	694	1998	Electric	15	8
CAPITOL-PUMP #3	CAPITOL STATION	Booster	Distribution	1998	Centrifugal	1,389	1998	Electric	30	9
CAPITOL-PUMP #4	CAPITOL STATION	Booster	Distribution	1998	Centrifugal	1,389	1998	Electric	30	10
FLORIST-PUMP #1	FLORIST STATION	Booster	Distribution	1969	Centrifugal	8,400	1969	Electric	250	11
FLORIST-PUMP #2	FLORIST STATION	Booster	Distribution	2013	Centrifugal	6,945	2013	Electric	250	12
FLORIST-PUMP #3	FLORIST STATION	Booster	Distribution	1965	Centrifugal	2,100	1965	Electric	50	13
FLORIST-PUMP #4	FLORIST STATION	Booster	Distribution	1993	Centrifugal	4,900	1993	Electric	350	14
FLORIST-PUMP #5	FLORIST STATION	Booster	Distribution	1965	Centrifugal	4,200	1965	Electric	125	15
FLORIST-PUMP #6	FLORIST STATION	Booster	Distribution	1965	Centrifugal	5,000	1965	Electric	200	16
FLORIST-PUMP #7	FLORIST STATION	Booster	Distribution	1969	Centrifugal	14,000	1969	Electric	500	17
FLORIST-PUMP #8	FLORIST STATION	Booster	Distribution	1965	Centrifugal	9,100	1965	Electric	350	18
GRANGE-PUMP #1	GRANGE STATION	Booster	Distribution	1968	Centrifugal	3,472	1968	Electric	100	19
GRANGE-PUMP #2	GRANGE STATION	Booster	Distribution	1968	Centrifugal	3,472	1968	Electric	100	20
GRANGE-PUMP #3	GRANGE STATION	Booster	Distribution	2011	Centrifugal	8,333	2011	Electric	300	21
GRANGE-PUMP #4	GRANGE STATION	Booster	Distribution	1990	Centrifugal	6,944	1990	Electric	200	22
GRANGE-PUMP #5	GRANGE STATION	Booster	Distribution	1990	Centrifugal	6,944	1990	Electric	200	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)	
HOWARD-PUMP #1	HOWARD STATION	Primary	Treatment	1962	Centrifugal	15,972	1962	Electric	350	24
HOWARD-PUMP #2	HOWARD STATION	Primary	Distribution	2014	Centrifugal	6,944	2014	Electric	200	25
HOWARD-PUMP #4	HOWARD STATION	Primary	Distribution	1962	Centrifugal	19,444	1962	Electric	800	26
HOWARD-PUMP #5	HOWARD STATION	Primary	Treatment	1962	Centrifugal	27,778	1962	Electric	2000	27
HOWARD-PUMP #6	HOWARD STATION	Primary	Treatment	1962	Centrifugal	28,390	1962	Electric	2000	28
HOWARD-PUMP #7	HOWARD STATION	Primary	Treatment	1962	Centrifugal	28,390	1962	Electric	2000	29
HOWARD-PUMP #8	HOWARD STATION	Primary	Treatment	1962	Centrifugal	27,778	1962	Electric	2000	30
LINCOLN-PUMP #1	LINCOLN STATION	Booster	Distribution	1956	Centrifugal	3,472	2019	Electric	300	31
LINCOLN-PUMP #2	LINCOLN STATION	Booster	Distribution	1956	Centrifugal	6,944	1956	Electric	600	32
LINCOLN-PUMP #3	LINCOLN STATION	Booster	Distribution	1956	Centrifugal	6,944	1956	Electric	600	33
LINCOLN-PUMP #4	LINCOLN STATION	Booster	Distribution	1956	Centrifugal	2,320	1956	Electric	200	34
LINNWOOD-PUMP #1	LINNWOOD PLANT	Primary	Treatment	2000	Centrifugal	30,000	2000	Electric	800	35
LINNWOOD-PUMP #2	LINNWOOD PLANT	Primary	Treatment	2000	Centrifugal	30,000	2000	Electric	800	36
LINNWOOD-PUMP #3	LINNWOOD PLANT	Primary	Treatment	1938	Centrifugal	41,300	1938	Electric	450	37
LINNWOOD-PUMP #4	LINNWOOD PLANT	Primary	Treatment	1938	Centrifugal	39,583	1938	Electric	450	38
LINNWOOD-PUMP #5	LINNWOOD PLANT	Primary	Treatment	1938	Centrifugal	34,750	1938	Electric	350	39
LINNWOOD-PUMP #6	LINNWOOD PLANT	Primary	Treatment	1938	Centrifugal	34,750	1938	Electric	350	40
LINNWOOD-PUMP #7	LINNWOOD PLANT	Primary	Treatment	1938	Centrifugal	52,200	1938	Electric	500	41
LINNWOOD-PUMP #8	LINNWOOD PLANT	Primary	Treatment	1956	Centrifugal	69,500	1956	Electric	600	42
LISBON-PUMP #1	LISBON STATION	Booster	Distribution	1976	Centrifugal	4,200	1976	Electric	50	43
LISBON-PUMP #2	LISBON STATION	Booster	Distribution	1976	Centrifugal	4,167	1976	Electric	75	44
LISBON-PUMP #3	LISBON STATION	Booster	Distribution	1976	Centrifugal	4,167	1976	Electric	75	45
NORTHPOINT-PUMP #1	NORTH POINT STATION	Primary	Distribution	1963	Centrifugal	20,800	1963	Electric	2250	46
NORTHPOINT-PUMP #2	NORTH POINT STATION	Primary	Distribution	1963	Centrifugal	20,800	1963	Electric	2250	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)	
NORTHPOINT-PUMP #3	NORTH POINT STATION	Primary	Distribution	1963	Centrifugal	20,800	1963	Electric	2250	48
NORTHPOINT-PUMP #5	NORTH POINT STATION	Primary	Distribution	2005	Centrifugal	5,556	2005	Electric	350	49
NORTHPOINT-PUMP #6	NORTH POINT STATION	Primary	Distribution	2005	Centrifugal	6,950	2005	Electric	450	50
NORTHPOINT-PUMP #7	NORTH POINT STATION	Primary	Distribution	1963	Centrifugal	17,500	1963	Electric	1000	51
OKLAHOMA-PUMP #1	OKLAHOMA STATION	Booster	Distribution	1957	Centrifugal	860	1957	Electric	25	52
OKLAHOMA-PUMP #2	OKLAHOMA STATION	Booster	Distribution	1957	Centrifugal	860	1957	Electric	25	53
OKLAHOMA-PUMP #3	OKLAHOMA STATION	Booster	Distribution	1957	Centrifugal	860	2020	Electric	25	54
OKLAHOMA-PUMP #4	OKLAHOMA STATION	Booster	Distribution	1957	Centrifugal	860	2020	Electric	25	55
RIVERSIDE-PUMP #1A	RIVERSIDE STATION	Primary	Distribution	1991	Centrifugal	17,350	1991	Electric	900	56
RIVERSIDE-PUMP #1B	RIVERSIDE STATION	Primary	Distribution	1969	Centrifugal	17,350	1969	Electric	1750	57
RIVERSIDE-PUMP #2	RIVERSIDE STATION	Primary	Distribution	1969	Centrifugal	17,350	1969	Electric	1750	58
RIVERSIDE-PUMP #4	RIVERSIDE STATION	Primary	Distribution	2008	Centrifugal	17,350	2008	Electric	1750	59
RIVERSIDE-PUMP #5	RIVERSIDE STATION	Primary	Distribution	2015	Centrifugal	17,350	2015	Electric	2000	60
RIVERSIDE-PUMP #6A	RIVERSIDE STATION	Primary	Distribution	2011	Centrifugal	17,350	2011	Electric	1750	61
RIVERSIDE-PUMP #6B	RIVERSIDE STATION	Primary	Distribution	2011	Centrifugal	17,350	2011	Electric	1750	62
TEXAS-PUMP #1	TEXAS STATION	Primary	Treatment	1974	Centrifugal	38,194	1974	Electric	2000	63
TEXAS-PUMP #2	TEXAS STATION	Primary	Treatment	1961	Centrifugal	24,305	1961	Electric	1200	64
TEXAS-PUMP #3	TEXAS STATION	Primary	Treatment	1974	Centrifugal	38,194	1974	Electric	2000	65
TEXAS-PUMP #4	TEXAS STATION	Primary	Treatment	1961	Centrifugal	24,305	1961	Electric	1200	66
TEXAS-PUMP #5	TEXAS STATION	Primary	Treatment	1961	Centrifugal	24,305	1961	Electric	1200	67
TEXAS-PUMP #6	TEXAS STATION	Primary	Treatment	1974	Centrifugal	38,194	1974	Electric	2000	68
TEXAS-PUMP #7	TEXAS STATION	Primary	Treatment	1961	Centrifugal	24,305	1961	Electric	1200	69

## 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)	
FLORIST TANK - #1	S	1965	Standpipe	Concrete	36	12,000,000	1
FLORIST TANK - #2	S	1995	Standpipe	Concrete	36	12,000,000	2
GREENFIELD TANK	ET	1967	Elevated Tank	Steel	187	2,000,000	3
HAWLEY TANK	ET	1989	Elevated Tank	Steel	289	2,000,000	4
LINCOLN TANK - #1	S	1956	Standpipe	Steel	42	6,000,000	5
LINCOLN TANK - #2	S	1957	Standpipe	Steel	42	6,000,000	6

### 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)
HOWARD PLANT	1962	105	_ Ultraviolet Light x Liquid Chlorine _ Gas Chlorine x Ozone _ Other _ None	x Flocculation/Sedimentation x Sand Filtration x Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Other	Yes	After Filtration	1
LINNWOOD PLANT	1939	275	_ Ultraviolet Light x Liquid Chlorine _ Gas Chlorine x Ozone _ Other _ None	x Flocculation/Sedimentation x Sand Filtration x Activated Carbon Filtration _ Membrane Filtration _ Iron Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Other	Yes	After Filtration	2

### 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	2	5,984				5,984	1
Other Metal	Distribution	4	42,006	8	324		41,690	2
Other Plastic	Distribution	4	1,026				1,026	3
Other Metal	Distribution	6	2,485,540	5,747	106,731		2,384,556	4
Other Plastic	Distribution	6	290				290	5
Other Metal	Distribution	8	3,652,671	216,671	120,299		3,749,043	6
Other Plastic	Distribution	8	2,489				2,489	7
Other Metal	Distribution	12	1,320,525	9,973	11,519		1,318,979	8
Other Metal	Transmission	16	956,398	3,270	2,329		957,339	9
Other Plastic	Transmission	16	3,477				3,477	10
Other Metal	Transmission	20	60,249	18	18		60,249	11
Other Plastic	Transmission	20	4,457				4,457	12
Other Metal	Transmission	24	34,685	8	4		34,689	13
Other Plastic	Transmission	24	17,787				17,787	14
Other Metal	Transmission	30	74,899				74,899	15
Other Plastic	Transmission	30	15,183				15,183	16
Other Metal	Transmission	36	102,121				102,121	17
Other Plastic	Transmission	36	29,729				29,729	18
Other Metal	Transmission	42	15,456				15,456	19
Other Plastic	Transmission	42	81,594				81,594	20
Other Metal	Transmission	48	24,490				24,490	21
Other Plastic	Transmission	48	26,437				26,437	22
Other Metal	Transmission	54	65,841				65,841	23
Other Plastic	Transmission	54	73,015				73,015	24
Other Plastic	Transmission	60	21,569				21,569	25
<b>Total Within Municipality</b>			<b>9,117,918</b>	<b>235,695</b>	<b>241,224</b>		<b>9,112,389</b>	26
Other Metal	Distribution	2	450				450	27
Other Metal	Distribution	4	6,086				6,086	28
Other Metal	Distribution	6	65,086	66	610		64,542	29
Other Metal	Distribution	8	709,401	2,665	596		711,470	30
Other Metal	Distribution	12	204,799	48	34		204,813	31
Other Metal	Transmission	16	170,526				170,526	32
Other Metal	Transmission	20	2,735				2,735	33
Other Plastic	Transmission	20	6,561				6,561	34

## 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 36 inch diameter in the 48+ 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	Transmission	24	15,411				<b>15,411</b>	35
Other Plastic	Transmission	24	8,287				<b>8,287</b>	36
Other Plastic	Transmission	30	3,120				<b>3,120</b>	37
Other Metal	Transmission	36	179				<b>179</b>	38
Other Plastic	Transmission	36	4,455				<b>4,455</b>	39
Other Plastic	Transmission	42	1,959				<b>1,959</b>	40
Other Plastic	Transmission	48	10,802				<b>10,802</b>	41
Other Plastic	Transmission	54	27,127				<b>27,127</b>	42
<b>Total Outside Municipality</b>			<b>1,236,984</b>	<b>2,779</b>	<b>1,240</b>		<b>1,238,523</b>	43
<b>Total Utility</b>			<b>10,354,902</b>	<b>238,474</b>	<b>242,464</b>		<b>10,350,912</b>	44



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## Water Mains

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- 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.**

Most main additions were the replacement of existing mains. These are financed from earnings and are included in Schedule W-8 (Plant Financed by Utility). The other additions were either financed by land developer or assessments. These are included in Schedule W-9 (Plant Financed by Contributions).

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### 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)	
Lead	0.375	1				1		1
Copper	0.375	1				1		2
Lead	0.500	166				166		3
Copper	0.500	4				4		4
Lead	0.625	5,696		29		5,667		5
Copper	0.625	91	1			92		6
Lead	0.750	36,142		192		35,950		7
Copper	0.750	33,638	1	3	(35)	33,601		8
Ductile Iron, Lined (late 1960's to present)	1.000		2			2		9
Lead	1.000	31,979		108		31,871		10
Copper	1.000	35,154	421	9	397	35,963		11
Lead	1.250	332		3		329		12
Copper	1.250	5,360		1	(5)	5,354		13
Lead	1.500	100				100		14
Copper	1.500	3,949	4	3	5	3,955		15
Ductile Iron, Lined (late 1960's to present)	2.000	12				12		16
Lead	2.000	10				10		17
Copper	2.000	3,545	8			3,553		18
Unlined Cast Iron (pre-early 1950's)	2.000	933			(3)	930		19
Ductile Iron, Lined (late 1960's to present)	3.000	310		1		309		20
Unlined Cast Iron (pre-early 1950's)	3.000	889		2	(1)	886		21
Ductile Iron, Lined (late 1960's to present)	4.000	1,016	1		(2)	1,015		22
Unlined Cast Iron (pre-early 1950's)	4.000	1,025		3	(1)	1,021		23
Ductile Iron, Lined (late 1960's to present)	6.000	1,812	13	1	(40)	1,784		24
Copper	6.000		14			14		25
Unlined Cast Iron (pre-early 1950's)	6.000	756	1			757		26
Ductile Iron, Lined (late 1960's to present)	8.000	968	6	3	(22)	949		27
Copper	8.000		2			2		28

### 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.

Unlined Cast Iron (pre-early 1950's)	8.000	105		1	106	29
Ductile Iron, Lined (late 1960's to present)	10.000	73		(3)	70	30
Unlined Cast Iron (pre-early 1950's)	10.000	1		1	2	31
Ductile Iron, Lined (late 1960's to present)	12.000	77			77	32
Unlined Cast Iron (pre-early 1950's)	12.000	9			9	33
Ductile Iron, Lined (late 1960's to present)	16.000	10		(1)	9	34
Copper	16.000	1			1	35
Unlined Cast Iron (pre-early 1950's)	16.000	2			2	36
<b>Utility Total</b>		<b>164,167</b>	<b>474</b>	<b>358</b>	<b>291</b>	<b>164,574</b>

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## Utility-Owned Water Service Lines

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- 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.**

The additions were 100% Utility financed.

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

Adjustments are due to restatement of service line size.

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

All Service Lines that are installed can be used are considered active.

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### 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	114,241	6,480	3,937		116,784	4,080	100,209	4,690	275	72	2,635						8,903	<b>116,784</b>	1
3/4	43,848	2,592	1,912		44,528	1,680	36,385	2,663	262	74	2,384						2,760	<b>44,528</b>	2
1	5,757		63		5,694	120	689	2,033	187	186	1,971						628	<b>5,694</b>	3
1 1/2	3,652		35		3,617	317	49	1,341	181	100	1,280						666	<b>3,617</b>	4
2	2,287		0	15	2,302	182	14	941	206	181	406						554	<b>2,302</b>	5
3	740	83	0	421	1,244	343	473	410	84	146	59						72	<b>1,244</b>	6
4	419	15	0	28	462	462		243	55	84	28						52	<b>462</b>	7
6	196	27	0	4	227	227		105	35	50	7		2				28	<b>227</b>	8
8	99	6	0	5	110	110		41	11	22	8		21				7	<b>110</b>	9
10	39		0		39	39		14	6	5			10				4	<b>39</b>	10
12	4		0		4	4							4					<b>4</b>	11
<b>Total</b>	<b>171,282</b>	<b>9,203</b>	<b>5,947</b>	<b>473</b>	<b>175,011</b>	<b>7,564</b>	<b>137,819</b>	<b>12,481</b>	<b>1,302</b>	<b>920</b>	<b>8,778</b>		<b>37</b>				<b>13,674</b>	<b>175,011</b>	12

## 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

Automatic meter reading (AMR), drive or walk by technology, wand or touchpad

Advanced Metering Infrastructure (AMI) - fixed network

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 adjustments are due to an internal audit of the Meter Property Ledger.

**Residential Meters larger than 2 inches are unusual, please explain.**

The residential class is reporting 14 meter at the G<sup>1</sup>/<sub>2</sub> size. This is because of the large mansions that were built along Lake Michigan in the FJH<sup>1</sup>/<sub>2</sub> and FJI<sup>1</sup>/<sub>2</sub>.

**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.**

Milwaukee Water Works has a variance for testing meters. Note PSC Docket 3720-WI-101

**Wisconsin Administrative Code requires that meters 3 and 4 inches be tested or replaced every 2 years. You did not meet these requirements. Please explain your program for testing and replacing meters.**

Milwaukee Water Works has a variance for testing meters. Note PSC Docket 3720-WI-101

## 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	2,816	23	23		2,816	1
Fire - Within Municipality	17,060	687	674		17,073	2
<b>Total Fire Hydrants</b>	<b>19,876</b>	<b>710</b>	<b>697</b>	<b>0</b>	<b>19,889</b>	<b>3</b>
Flushing Hydrants	0				0	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	11,476
Number of Distribution System Valves end of year	50,460
Number of Distribution Valves operated during Year	1,647



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## Hydrants and Distribution System Valves

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- 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).

### Hydrants and Distribution System Valves (Page W-25)

#### General Footnote

##### Main Valves .

The Water Distribution Facility has two exercise programs. One for valves 16" and smaller and one for valves 20" and larger. Larger valve exercising is also in conjunction with feeder main construction. These two programs have generally been successful, even though each valve is not operated within a two year time frame. If we encounter an inoperative valve during a turn off, it is relatively simple to operate the next valve in line to accomplish the turn off while minimizing inconvenience to affected customers.

##### Hydrants .

The Water Works and the Milwaukee Metropolitan Sewerage District (MMSD) entered into an agreement that we could only flush and inspect hydrants when their deep tunnel was below a certain level. MMSD needs to treat the sanitary and storm water before they can return it into Lake Michigan. Because of rain or melting snow, we cannot always flush and inspect hydrants due to this agreement.

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## 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)	
Wholesale Meter	6	N 124th st- Butler-1	Magnetic	11/09/2020	1
Wholesale Meter	6	N 124th st- Butler-2	Magnetic	11/09/2020	2
Wholesale Meter	8	N 124th st Meno. Fall-1	Magnetic	11/11/2020	3
Wholesale Meter	8	N 124th st Meno. Fall-2	Magnetic	11/11/2020	4
Wholesale Meter	8	N 76th st Mequon-1	Magnetic	11/04/2020	5
Wholesale Meter	8	N 76th st Mequon-2	Magnetic	11/04/2020	6
Wholesale Meter	8	N Downer-Shorewood-1	Magnetic	07/06/2020	7
Wholesale Meter	8	N Downer-Shorewood-2	Magnetic	07/06/2020	8
Wholesale Meter	8	W Blanchard-Wauwatosa-1	Magnetic	11/09/2020	9
Wholesale Meter	8	W Blanchard-Wauwatosa-2	Magnetic	11/09/2020	10
Wholesale Meter	8	W Bradley-Brown Deer-1	Magnetic	11/03/2020	11
Wholesale Meter	8	W Bradley-Brown Deer-2	Magnetic	11/03/2020	12
Wholesale Meter	8	W Calumet-Brown Deer-1	Magnetic	11/03/2020	13
Wholesale Meter	8	W Calumet-Brown Deer-2	Magnetic	11/03/2020	14
Wholesale Meter	8	W Crawford - New Berl-1	Magnetic	11/09/2020	15
Wholesale Meter	8	W Crawford - New Berl-2	Magnetic	11/09/2020	16
Wholesale Meter	8	W Edgerton-Greendale-1	Magnetic	11/11/2020	17
Wholesale Meter	8	W Edgerton-Greendale-2	Magnetic	11/11/2020	18
Wholesale Meter	8	W Grange-New Berlin-1	Magnetic	11/09/2020	19
Wholesale Meter	8	W Grange-New Berlin-2	Magnetic	11/09/2020	20
Wholesale Meter	8	W North Av- Milw. County-1	Magnetic	11/09/2020	21
Wholesale Meter	8	W North Av- Milw. County-2	Magnetic	11/09/2020	22
Wholesale Meter	8	W Oakland-Shorewood-1	Turbine	11/13/2020	23
Wholesale Meter	10	N 124th st Meno. Fall-3	Magnetic	11/11/2020	24
Wholesale Meter	10	N 124th st Meno. Fall-4	Magnetic	11/11/2020	25
Wholesale Meter	10	N Glenview-Wauwatosa-1	Magnetic	11/09/2020	26
Wholesale Meter	10	N Glenview-Wauwatosa-2	Magnetic	11/09/2020	27
Wholesale Meter	10	W College-Greendale-1	Magnetic	11/11/2020	28
Wholesale Meter	10	W Edgerton-Greendale-3	Magnetic	11/11/2020	29
Wholesale Meter	10	W National-West Allis-1	Magnetic	11/04/2020	30
Wholesale Meter	10	W National-West Allis-2	Magnetic	11/04/2020	31
Wholesale Meter	10	W Pierce-West Allis-1	Magnetic	11/04/2020	32
Wholesale Meter	10	W Pierce-West Allis-2	Magnetic	11/04/2020	33
Wholesale Meter	12	W Clarke-Wauwatosa-1	Magnetic	11/09/2020	34
Wholesale Meter	12	W Clarke-Wauwatosa-2	Magnetic	11/09/2020	35
Wholesale Meter	12	Wisconsin Av- Milw County-1	Turbine	11/09/2020	36
Wholesale Meter	12	Wisconsin Av- Milw County-2	Turbine	11/09/2020	37

## 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)	
<b>Administrative and General Expenses</b>				1
Program Administration	0	0	0	2
Customer Outreach & Education	0	0	0	3
Other Program Costs	0	0	0	4
<b>Total Administrative and General Expenses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Customer Incentives</b>				6
Residential Toilets	0	0	0	7
Multifamily/Commercial Toilets	0	0	0	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
<b>Total Customer Incentives</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>
<b>TOTAL CONSERVATION</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>

## 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~~ <sup>within</sup> Muni Boundary ~~A~~ refers to those located inside the jurisdiction that owns the water utility.

Municipality (a)	Customers End of Year (b)	
Greenfield (City)	10,619	1
Hales Corners (Village)	1,247	2
Milwaukee (City) **	145,355	3
Saint Francis (City)	2,588	4
West Milwaukee (Village)	1,070	5
<b>Total - Milwaukee County</b>	<b>160,879</b>	<b>6</b>
<b>Total - Customers Served</b>	<b>160,879</b>	<b>7</b>
<b>Total - Outside Muni Boundary</b>	<b>15,524</b>	<b>8</b>
<b>Total - Within Muni Boundary **</b>	<b>145,355</b>	<b>9</b>

\*\* = *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)
Lead	0.375	2				2		1
Copper	0.375	2				2		2
Lead	0.500	169				169		3
Copper	0.500	6				6		4
Lead	0.625	5,794		22		5,772		5
Copper	0.625	588	1			589		6
Lead	0.750	36,440		175		36,265		7
Copper	0.750	35,119	1	3	(35)	35,082		8
Ductile Iron, Lined (late 1960's to present)	1.000		2			2		9
Lead	1.000	31,577		98		31,479		10
Copper	1.000	33,623	420	9	397	34,431		11
Lead	1.250	339		3		336		12
Copper	1.250	6,019		1	(5)	6,013		13
Lead	1.500	84				84		14
Copper	1.500	3,243		3	5	3,245		15
Ductile Iron, Lined (late 1960's to present)	2.000	12				12		16
Lead	2.000	11				11		17
Copper	2.000	3,508	8			3,516		18
Unlined Cast Iron (pre-early 1950's)	2.000	933			(3)	930		19
Ductile Iron, Lined (late 1960's to present)	3.000	310		1		309		20
Unlined Cast Iron (pre-early 1950's)	3.000	889		2	(1)	886		21
Ductile Iron, Lined (late 1960's to present)	4.000	1,016			(2)	1,014		22
Unlined Cast Iron (pre-early 1950's)	4.000	1,025		3	(1)	1,021		23
Ductile Iron, Lined (late 1960's to present)	6.000	1,812	13	1	(40)	1,784		24
Copper	6.000		14			14		25
Unlined Cast Iron (pre-early 1950's)	6.000	756	1			757		26
Ductile Iron, Lined (late 1960's to present)	8.000	968	6	3	(22)	949		27
Copper	8.000		2			2		28
Unlined Cast Iron (pre-early 1950's)	8.000	105				105		29
Ductile Iron, Lined (late 1960's to present)	10.000	73				73		30

