



WATER, ELECTRIC, OR JOINT UTILITY ANNUAL REPORT

OF

MILWAUKEE WATER WORKS

841 N BROADWAY RM 409
MILWAUKEE, WI 53202-3613

For the Year Ended: DECEMBER 31, 2021

TO

PUBLIC SERVICE COMMISSION OF WISCONSIN

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

Violation of any provision of the Wisconsin Public Service Commission Act, Chapter SPS 100, or any rule or order of the Commission, or any provision of the Wisconsin Public Service Commission Act, Chapter SPS 100, or any rule or order of the Commission, is a violation of the provisions of the Wisconsin Public Service Commission Act, Chapter SPS 100, or any rule or order of the Commission, and 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.

Water Service Started Date: 11/03/1873

DNR Public Water System ID: 24101000

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

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: **4/27/2022**

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Identification and Ownership - Contacts

Utility employee in charge of correspondence concerning this report

Name: Terry Ignatowski

Title: Water Accounting Manager

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

Phone: (414) 286-2927

Email Address: Terry.M.Ignatowski@milwaukee.gov

Accounting firm or consultant preparing this report (if applicable)

Name:

Title:

Mailing Address:

Phone:

Email Address:

Name and title of utility General Manager (or equivalent)

Name: Patrick Pauly

Title: Interim Superintendent

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

Phone: (414) 286-2802

Email Address: patrick.w.pauly@milwaukee.gov

Outside contractor responsible for utility operations (if applicable)

Name:

Title:

Mailing Address:

Phone:

Email Address:

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

Name: Jerrel Kruschke

Title: Interim Commissioner of Public Works

Mailing Address: 841 N Broadway - 7th Floor
Milwaukee, WI 53202

Phone: (414) 286-3301

Email Address: jkrusc@milwaukee.gov

Contact person for cybersecurity issues and events

Name: James Zimmer

Title: Information Technology Manager

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

Phone: (414) 286-5540

Email Address: James.Zimmer@milwaukee.gov

Identification and Ownership - Contacts

Identification and Ownership - Governing Authority and Audit Information

Utility Governing Authority

Select the governing authority for this utility.

Reports to utility board/commission

Reports directly to city/village council

Audit Information

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

Date of most recent audit report: 07/29/2021

Period covered by most recent audit: 2020

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

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

Audit

Identification and Ownership - Contract Operations

Do you have any contracts?

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

NO

Workforce Diversity

- g Decimal numbers for part time employees are acceptable values for this schedule. Please enter part time employees as a decimal based on the number of hours worked/2080 hours for a fiscal year. An employee who works 30% of full time would be recorded as .30.
- g Use the Footnotes feature to provide an explanation for any variance with the number of employees listed in Schedule F-06 and 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. Additional information on classifying employees can be found in the help document.

Category (a)	Employee Count			
	Total (b)	Management (c)	Executive Leadership (d)	
Total Utility Employees	329.00	50.00	10.00	1
Women	72.00	9.00	2.00	2
Minorities	139.00	16.00	0.00	3
Veterans	0.00	0.00	0.00	4

Workforce Diversity

- g Decimal numbers for part time employees are acceptable values for this schedule. Please enter part time employees as a decimal based on the number of hours worked/2080 hours for a fiscal year. An employee who works 30% of full time would be recorded as .30.
- g Use the Footnotes feature to provide an explanation for any variance with the number of employees listed in Schedule F-06 and 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. Additional information on classifying employees can be found in the help document.

Workforce Diversity (Page xi)

General Footnote

Milwaukee Water Works does not collect Veteran data.

Income Statement

Description (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			1
Operating Revenues (400)	95,158,506	93,156,931	2
''CdYfUjbl '9I dYbgYg.			3
Operation and Maintenance Expense (401-402)	58,291,270	55,217,833	4
Depreciation Expense (403)	17,883,983	16,484,123	5
Amortization Expense (404-407)	0	0	6
Taxes (408)	14,124,220	14,146,951	7
''HcHJ' CdYfUjbl '9I dYbgYg	90,299,473	85,848,907	8
''BYhCdYfUjbl 'bWta Y	4,859,033	7,308,024	9
Income from Utility Plant Leased to Others (412-413)			10
''I H]ImiCdYfUjbl 'bWta Y	4,859,033	7,308,024	11
OTHER INCOME			12
Income from Merchandising, Jobbing and Contract Work (415-416)	144,742	138,800	13
Income from Nonutility Operations (417)			14
Nonoperating Rental Income (418)			15
Interest and Dividend Income (419)	8,741		16
Miscellaneous Nonoperating Income (421)	117,822	5,424,960	17
''HcHJ' CH Yf 'bWta Y	271,305	5,563,760	18
''HcHJ' 'bWta Y	5,130,338	12,871,784	19
MISCELLANEOUS INCOME DEDUCTIONS			20
Miscellaneous Amortization (425)	(811,325)	(811,325)	21
Other Income Deductions (426)	1,828,213	4,935,401	22
''HcHJ' A]gW' UbYci g' bWta Y8 YXi Wjcbg	1,016,888	4,124,076	23
''bWta Y6 YZfY 'bhYfYgh7\ Uf[Yg	4,113,450	8,747,708	24
INTEREST CHARGES			25
Interest on Long-Term Debt (427)	1,427,920	1,016,756	26
Amortization of Debt Discount and Expense (428)			27
Amortization of Premium on Debt--Cr. (429)			28
Interest on Debt to Municipality (430)	411,490	604,481	29
Other Interest Expense (431)	0	0	30
Interest Charged to Construction--Cr. (432)			31
''HcHJ' 'bhYfYgh7\ Uf[Yg	1,839,410	1,621,237	32
''BYi'bWta Y	2,274,040	7,126,471	33
EARNED SURPLUS			34
Unappropriated Earned Surplus (Beginning of Year) (216)	462,093,304	454,966,833	35
Balance Transferred from Income (433)	2,274,040	7,126,471	36
Miscellaneous Credits to Surplus (434)		0	37
Miscellaneous Debits to Surplus--Debit (435)			38
Appropriations of Surplus--Debit (436)			39
Appropriations of Income to Municipal Funds--Debit (439)			40
''HcHJ' i bUddfcdf]UHx'9UfbYX'Gi fd' i g'9bX'cZMYU' fE% L	464,367,344	462,093,304	41

Income Statement Account Details

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

Description (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
UTILITY OPERATING INCOME				1
Operating Revenues (400)				2
Derived	95,158,506		95,158,506	3
Total (Acct. 400)	95,158,506	0	95,158,506	4
Operation and Maintenance Expense (401-402)				5
Derived	58,291,270		58,291,270	6
Total (Acct. 401-402)	58,291,270	0	58,291,270	7
Depreciation Expense (403)				8
Derived	17,883,983		17,883,983	9
Total (Acct. 403)	17,883,983	0	17,883,983	10
Amortization Expense (404-407)				11
Derived	0		0	12
Total (Acct. 404-407)	0	0	0	13
Taxes (408)				14
Derived	14,124,220		14,124,220	15
Total (Acct. 408)	14,124,220	0	14,124,220	16
TOTAL UTILITY OPERATING INCOME	4,859,033	0	4,859,033	17
OTHER INCOME				18
Income from Merchandising, Jobbing and Contract Work (415-416)				19
Derived	144,742	0	144,742	20
Total (Acct. 415-416)	144,742	0	144,742	21
Interest and Dividend Income (419)				22
LGIP	8,741		8,741	23
Total (Acct. 419)	8,741	0	8,741	24
Miscellaneous Nonoperating Income (421)				25
Contributed Plant - Water		48,908	48,908	26
Impact Fees - Water			0	27
COVID Grant Funds Offset by O&M Expense	68,914		68,914	28
Total (Acct. 421)	68,914	48,908	117,822	29
TOTAL OTHER INCOME	222,397	48,908	271,305	30
MISCELLANEOUS INCOME DEDUCTIONS				31
Miscellaneous Amortization (425)				32
Regulatory Liability (253) Amortization	(811,325)		(811,325)	33
Total (Acct. 425)	(811,325)	0	(811,325)	34
Other Income Deductions (426)				35
Depreciation Expense on Contributed Plant - Water		1,712,773	1,712,773	36
MAINTENANCE & NONUTILITY PLANT DEPRECIATION	115,440		115,440	37
Total (Acct. 426)	115,440	1,712,773	1,828,213	38
TOTAL MISCELLANEOUS INCOME DEDUCTIONS	(695,885)	1,712,773	1,016,888	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)	
INTEREST CHARGES				40
Interest on Long-Term Debt (427)				41
Derived	1,427,920		1,427,920	42
Total (Acct. 427)	1,427,920	0	1,427,920	43
Interest on Debt to Municipality (430)				44
Derived	411,490		411,490	45
Total (Acct. 430)	411,490	0	411,490	46
Other Interest Expense (431)				47
Derived	0		0	48
Total (Acct. 431)	0	0	0	49
TOTAL INTEREST CHARGES	1,839,410	0	1,839,410	50
NET INCOME	3,937,905	(1,663,865)	2,274,040	51
EARNED SURPLUS				52
Unappropriated Earned Surplus (Beginning of Year) (216)				53
Derived	376,026,317	86,066,987	462,093,304	54
Total (Acct. 216)	376,026,317	86,066,987	462,093,304	55
Balance Transferred from Income (433)				56
Derived	3,937,905	(1,663,865)	2,274,040	57
Total (Acct. 433)	3,937,905	(1,663,865)	2,274,040	58
UNAPPROPRIATED EARNED SURPLUS (END OF YEAR)	379,964,222	84,403,122	464,367,344	59

Income Statement Account Details

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

Income Statement Account Details (Page F-02)

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

The developers revenue (\$48,908) for some projects have not been completed yet. Also, this account includes a federal grant for COVID-19 reimbursement (\$68,914).

General Footnote

The 2020 PSC Annual Report was amended to record the COVID 19 and Lead Service Lines (LSL) grants under 216.1 Earnings (rather than 216.2 - Contributions) because the Milwaukee Water Works received funds to offset these expenses (per PSC instructions in September of 2021). The 2021 PSC Report also reports COVID and LSL grants under 216.1 Earnings. Note F-3 for LSL revenue and costs.

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

Particulars (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Revenues						1
Revenues (account 415)	3,809,498				3,809,498	2
Cost and Expenses of Merchandising, Jobbing and Contract Work (416)						3
Cost of merchandise sold					0	4
Payroll	34,405				34,405	5
Materials	94,732				94,732	6
Taxes					0	7
Other (List by major classes)						8
Lead Service Lines (LSL)	3,535,619				3,535,619 *	9
Total costs and expenses	3,664,756	0	0	0	3,664,756	10
Net Income (or loss)	144,742	0	0	0	144,742	11

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

Income from Merchandising, Jobbing & Contract Work (Accts. 415-416) (Page F-03)

General Footnote

The Milwaukee Water Works received a grant (\$3,535,619) from the City of Milwaukee for reimbursement of replaced lead service lines (LSL). The costs associated with the replacement of the service lines was \$3,535,619 in 2021.

Revenue from merchandising, jobbing, and contract work was \$273,879. The costs associated with this work was \$34,405 for labor and \$94,732 for materials.

The total revenue for F-3 is \$3,809,498 (3,535,619 plus 273,879).

Revenues Subject to Wisconsin Remainder Assessment

g Ü^] [| 0^222^ ^&••a^ Á Á&ç^ |æ^ Á^ç^} ~^Á^ ab&0q Á á &[]•á Á^ { æá^!Áæ•^••{ ^} ç^ i^ ~ æ ç Á á ËÜççÁ Á Jí È í ÇDæ á Á á È
 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	95,158,506				95,158,506	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	182,726				182,726	5
Revenues subject to Wisconsin Remainder Assessment	94,975,780	0	0	0	94,975,780	6

Distribution of Total Payroll

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

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	16,771,521		16,771,521	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	34,405		34,405	6
Other nonutility expenses	17,516		17,516	7
Water utility plant accounts	4,177,216		4,177,216	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
Total Payroll	21,000,658	0	21,000,658	20

Full-Time Employees (FTE)

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

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

Industry (a)	FTE (b)	
Water	341.0	1
Electric		2
Gas		3
Sewer		4

Balance Sheet

Assets and Othe Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
ASSESTS AND OTHER DEBITS			1
UTILITY PLANT			2
Utility Plant (101)	878,407,191	855,468,455	3
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	331,803,580	314,767,031	4
Utility Plant Acquisition Adjustments (117-118)	0	0	5
Other Utility Plant Adjustments (119)	0	0	6
BYhil h]mD'Ubh	546,603,611	540,701,424	7
OTHER PROPERTY AND INVESTMENTS			8
Nonutility Property (121)	4,293,160	4,293,160	9
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	1,615,760	1,476,614	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
HcHU' CA Yf DfcdYfmiUbX' bJ Ygfa Ybtg	2,677,400	2,816,546	16
CURRENT AND ACCRUED ASSETS			17
Cash (131)	377,018	1,260,627	18
Special Deposits (134)	0	0	19
Working Funds (135)	1,000	1,500	20
Temporary Cash Investments (136)	45,931,256	19,812,126	21
Notes Receivable (141)	0	0	22
Customer Accounts Receivable (142)	15,882,663	15,099,858	23
Other Accounts Receivable (143)	0	0	24
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	436,908	524,634	25
Receivables from Municipality (145)	0	0	26
Plant Materials and Operating Supplies (154)	3,448,212	3,407,942	27
Merchandise (155)	0	0	28
Other Materials and Supplies (156)	0	0	29
Stores Expense (163)	0	0	30
Prepayments (165)	137,000	1,926,404	31
Interest and Dividends Receivable (171)	0	0	32
Accrued Utility Revenues (173)	13,900,443	13,699,111	33
Miscellaneous Current and Accrued Assets (174)	5,580,516	8,263,787	34
HcHU' 7 i ffYbhiUbX' 5 VVfi YX' 5 ggYfg	84,821,200	62,946,721	35
DEFERRED DEBITS			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)	7,851,308	10,148,017	42
HcHU' 8 YZffYX' 8 YV]fg	7,851,308	10,148,017	43
HCH5 @5 GG9 HG' 5 B8 'CH< 9F ' 896 #HG	641,953,519	616,612,708	44

Balance Sheet

Liabilities and Othe Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
LIABILITIES AND OTHER CREDITS			1
PROPRIETARY CAPITAL			2
Capital Paid in by Municipality (200)	964,415	964,415	3
Appropriated Earned Surplus (215)	0	0	4
Unappropriated Earned Surplus (216)	464,367,344	462,093,304	5
“HcHJ” DfcdfjYUfm7 UdjHJ	465,331,759	463,057,719	6
LONG-TERM DEBT			7
Bonds (221)	101,008,012	77,122,806	8
Advances from Municipality (223)	222,713	4,900,190	9
Other Long-Term Debt (224)	0	0	10
“HcHJ” @cbj !HYfa 8 YVh	101,230,725	82,022,996	11
CURRENT AND ACCRUED LIABILITIES			12
Notes Payable (231)	0	0	13
Accounts Payable (232)	4,571,784	3,848,693	14
Payables to Municipality (233)	(19,383,749)	(22,373,389)	15
Customer Deposits (235)	0	0	16
Taxes Accrued (236)	0	0	17
Interest Accrued (237)	322,324	288,776	18
Tax Collections Payable (241)	0	0	19
Miscellaneous Current and Accrued Liabilities (242)	88,258,024	87,333,936	20
“HcHJ” 7i ffYbhUbX’5 VWw! YX’ @UVj]HjYg	73,768,383	69,098,016	21
DEFERRED CREDITS			22
Unamortized Premium on Debt (251)	0	0	23
Customer Advances for Construction (252)	0	0	24
Other Deferred Credits (253)	1,622,652	2,433,977	25
“HcHJ” 8 YZffYX’7 fYX]Jg	1,622,652	2,433,977	26
OPERATING RESERVES			27
Property Insurance Reserve (261)	0	0	28
Injuries and Damages Reserve (262)	0	0	29
Pensions and Benefits Reserve (263)	0	0	30
Miscellaneous Operating Reserves (265)	0	0	31
“HcHJ” CdYfUj]b[F YgYfj Yg	0	0	32
“HCH5 @@56 =@H9 G’5 B8 CH<9F’7 F98 #HG	641,953,519	616,612,708	33

Net Utility Plant

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

Particulars (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	
First of Year					1
Total Utility Plant - First of Year	855,468,455	0	0	0	2
	855,468,455	0	0	0	3
Plant Accounts					4
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	750,396,506				5
Utility Plant in Service - Contributed Plant (101.2)	116,867,786				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)					10
Construction Work in Progress (107)	11,142,899				11
Total Utility Plant	878,407,191	0	0	0	12
Accumulated Provision for Depreciation and Amortization					13
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	299,169,629				14
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	32,633,951				15
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					16
Accumulated Provision for Depreciation of Property Held for Future Use (113)					17
Accumulated Provision for Amortization of Utility Plant in Service (114)					18
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					19
Accumulated Provision for Amortization of Property Held for Future Use (116)					20
Total Accumulated Provision	331,803,580	0	0	0	21
Accumulated Provision for Depreciation and Amortization					22
Utility Plant Acquisition Adjustments (117)					23
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					24
Other Utility Plant Adjustments (119)					25
Total Other Utility Plant Accounts	0	0	0	0	26
Net Utility Plant	546,603,611	0	0	0	27

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

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

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

Description (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Balance First of Year (111.1)	283,361,377	0	0	0	283,361,377	1
Credits during year						2
Charged Depreciation Expense (403)	17,883,983				17,883,983	3
Depreciation Expense on Meters Charged to Sewer	1,717,918				1,717,918	4
Salvage	68,926				68,926	5
Total credits	19,670,827	0	0	0	19,670,827	6
Debits during year						7
Book Cost of Plant Retired	3,706,565				3,706,565	8
Cost of Removal	156,010				156,010	9
Total debits	3,862,575	0	0	0	3,862,575	10
Balance end of year (111.1)	299,169,629	0	0	0	299,169,629	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)	31,405,654	0	0	0	31,405,654	1
Credits during year						2
Charged Other Income Deductions (426)	1,712,773				1,712,773	3
Depreciation Expense on Meters Charged to Sewer					0	4
Salvage	5,329				5,329	5
Total credits	1,718,102	0	0	0	1,718,102	6
Debits during year						7
Book Cost of Plant Retired	404,713				404,713	8
Cost of Removal	19,763				19,763	9
Water Meters-Over Depreciation	65,329				65,329	10
Total debits	489,805	0	0	0	489,805	11
Balance end of year (111.2)	32,633,951	0	0	0	32,633,951	12

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
Total Nonutility Property (121)	4,293,160	0	0	4,293,160	16
Less accum. prov. depr. & amort. (122)	1,476,614	139,146		1,615,760	17
Net Nonutility Property	2,816,546	(139,146)	0	2,677,400	18

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

Description (a)	Amount (b)	
Balance first of year	524,634	1
Additions		2
Provision for uncollectibles during year	95,000 *	3
Collection of accounts previously written off: Utility Customers	0	4
Collection of accounts previously written off: Others	0	5
Total Additions	95,000	6
Accounts Written Off		7
Accounts written off during the year: Utility Customers	57,127	8
Accounts written off during the year: Others	125,599	9
Total Accounts Written Off	182,726	10
Balance End of Year	436,908	11

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

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

General Footnote

An annual allowance is calculated for water bills (bankruptcies) and sundry bills (fire hydrant damages).

Materials and Supplies

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

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	3,448,212	3,407,942	2
Sewer utility (154)			3
Heating utility (154)			4
Gas utility (154)			5
Merchandise (155)			6
Other materials & supplies (156)			7
Stores expense (163)			8
Total Material and Supplies	3,448,212	3,407,942	9

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

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

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
None				1
				2
Total	0		0	3
Unamortized premium on debt (251)				
None				4
				5
Total	0		0	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
Balance end of year		964,415	2

Capital Paid in by Municipality (Acct. 200)

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

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

General Footnote

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 Milwaukee Bureau of Sanitation (2013).

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%	10,116,276	1
SDC-Revenue Bond 4851-35	06/26/2019	05/01/2039	1.98%	11,787,663	2
SDW-Revenue Bond 4851-08	12/26/2013	05/01/2033	1.93%	4,037,859	3
SDW-Revenue Bond 4851-23	10/22/2014	05/01/2034	1.93%	5,846,831	4
SDW-Revenue Bond 4851-26	01/25/2017	05/01/2036	1.54%	11,961,826	5
SDW-Revenue Bond 4851-27	06/28/2017	05/01/2037	1.87%	4,928,324	6
SDW-Revenue Bonds 4851-36	05/27/2020	05/01/2040	1.76%	21,744,645	7
SDW-Revenue Bonds 4851-37	05/26/2021	06/01/2036	1.49%	22,794,588	8
US Bank Revenue - Series 2016 W-10	12/15/2016	06/01/2036	4.50%	7,790,000	9
Total				101,008,012	10

Notes Payable & Miscellaneous Long-Term Debt

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

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances from Municipality (223)					1
Series 2016 W-10	12/15/2016	06/01/2036	450.00%	222,713	2
Total for Account 223				222,713	3

Taxes Accrued (Acct. 236)

Description (a)	Amount (b)	
Balance first of year	0	1
Charged water department expense	14,124,220	2
Charged electric department expense		3
Charged gas department expense		4
Charged sewer department expense	610,481	5
Total accruals and other credits	14,734,701	6
County, state and local taxes	13,459,000	7
Social Security taxes	1,166,976	8
PSC Remainder Assessment	108,725	9
Gross Receipts Tax		10
Total payments and other debits	14,734,701	11
Balance end of year	0	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)	
Bonds (221)	0	0	0	0	1
Bond Issuance Costs		1,000	1,000	0	2
SDW REVENUE BOND 4851-26	32,509	187,827	189,634	30,702	3
SDW REVENUE BOND 4851-27	16,178	93,793	94,611	15,360	4
SDW REVENUE BOND 4851-32	33,053	192,341	193,865	31,529	5
SDW-REVENUE BOND 4851-08	13,906	79,632	80,584	12,954	6
SDW-REVENUE BOND 4851-23	20,019	115,070	116,330	18,759	7
SDW-REVENUE BOND 4851-35	36,165	222,927	238,750	20,342	8
SDW-REVENUE BOND 4851-36	47,993	365,805	350,013	63,785	9
SDW-REVENUE BOND 4851-37		169,525	127,143	42,382	10
Subtotal Bonds (221)	199,823	1,427,920	1,391,930	235,813	11
Advances from Municipality (223)	0	0	0	0	12
SERIES 2011-B4	24,219	169,531	96,875	96,875	13
SERIES 2011-N3	11,071	27,683	19,375	19,379	14
US Bank Line of Credit	53,663	214,276	297,682	(29,743)	15
Subtotal Advances from Municipality (223)	88,953	411,490	413,932	86,511	16
Other Long-Term Debt (224)	0	0	0	0	17
Bond Issuance Costs		0	0	0	18
Subtotal Other Long-Term Debt (224)	0	0	0	0	19
Notes Payable (231)	0	0	0	0	20
None				0	21
Subtotal Notes Payable (231)	0	0	0	0	22
Customer Deposits (235)	0	0	0	0	23
None				0	24
Subtotal Customer Deposits (235)	0	0	0	0	25
Total	288,776	1,839,410	1,805,862	322,324	26

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)	
Cash and Working Funds (131)	0	1
Cash	377,018	2
Total (Acct. 131)	377,018	3
Working Funds (135)	0	4
Cashier's Working Fund	1,000	5
Total (Acct. 135)	1,000	6
Temporary Cash Investments (136)	0	7
Money Market and LGIP	45,931,256	8
Total (Acct. 136)	45,931,256	9
Customer Accounts Receivable (142)	0	10
Water	15,580,628	11
Sundry	302,035	12
Total (Acct. 142)	15,882,663	13
Other Accounts Receivable (143)	0	14
Sewer (Non-regulated)		15
Merchandising, jobbing and contract work		16
Total (Acct. 143)	0	17
Prepayments (165)	0	18
Customer Information System Maintenance	137,000	19
Total (Acct. 165)	137,000	20
Accrued Utility Revenues (173)	0	21
Accrued Accounts Receivable Revenue	13,900,443	22
Total (Acct. 173)	13,900,443	23
Miscellaneous Current and Accrued Assets (174)	0	24
Accrued Assets-Pension	5,580,516	25
Total (Acct. 174)	5,580,516	26
Miscellaneous Deferred Debits (186)	0	27
Deferred Outflow - OPEB	7,841,822	28
Developer Projects	9,486 *	29
Total (Acct. 186)	7,851,308	30
Accounts Payable (232)	0	31
Accounts Payable	4,571,784	32

Balance Sheet Detail - Other Accounts

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

Total (Acct. 232)	4,571,784	33
Payables to Municipality (233)	0	34
Due to General Fund - 01	1,392,662 *	35
Due to Sewer Maintenance Fund - 49	1,953,908	36
Due to Sewer User Fund - 46	1,683,513	37
Equity - Cash Pool	(24,413,832)	38
Total (Acct. 233)	(19,383,749)	39
Miscellaneous Current and Accrued Liabilities (242)	0	40
Other Accrued Expenses and Liabilities	88,258,024	41
Total (Acct. 242)	88,258,024	42
Other Deferred Credits (253)	0	43
Regulatory Liability	1,622,652	44
Total (Acct. 253)	1,622,652	45

Balance Sheet Detail - Other Accounts

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

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

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

Account 233 - 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 Water Works revenue received during the period should be invested or taken by the General Fund to cover the utility's expenses. The City of Milwaukee pays the utility's expenses and the utility, in turn, reimburses the City. This includes payroll, fringes, inventory, and accounts payable. The general fund also includes the equity-cash pool account. The solid waste and snow/ice collection fees are also accounted for in this fund.

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

General Footnote

Account 186 - Deferred Debits

Developer Projects - 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.

Account 165 - Prepayments

At year end, by state statute, the City of Milwaukee must take cash from the Water Works in an amount, equal to next years 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. There are no general obligation bonds at the end of 2021.

Return on Rate Base Computation

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

Average Rate Base (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Add Average						1
Utility Plant in Service (101.1)	738,107,032				738,107,032	2
Materials and Supplies	3,428,077				3,428,077	3
Less Average						4
Reserve for Depreciation (111.1)	291,265,503				291,265,503	5
Customer Advances for Construction					0	6
Regulatory Liability	2,028,314				2,028,314	7
Average Net Rate Base	448,241,292	0	0	0	448,241,292	8
Net Operating Income	4,859,033				4,859,033	9
Net Operating Income as a percent of Average Net Rate Base	1.08%	N/A	N/A	N/A	1.08%	10

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

Description (a)	Water (b)	Electric (c)	Gas (d)	Sewer (e)	Total (f)	
Balance First of Year	2,433,977	0	0	0	2,433,977	1
Credits During Year					0	2
None					0	3
Charges (Deductions)					0	4
Miscellaneous Amortization (425)	811,325				811,325	5
Balance End of Year	1,622,652	0	0	0	1,622,652	6

Important Changes During the Year

Report changes of any of the following types:

1. Acquisitions

2. Leaseholder changes

3. Extensions of service

4. Estimated changes in revenues due to rate changes

5. Obligations incurred or assumed, excluding commercial paper
SDW - Revenue Bond 4851-37 was added in 2021 for 22.8 M.

6. Formal proceedings with the Public Service Commission

The Milwaukee Water Works received a water rate application from the Public Service Commission of Wisconsin in August of 2021. This is for a conventional rate case (Docket 3720-WR-109). The rate case is pending at this time.

7. Any additional matters

Water Operating Revenues & Expenses

Description (a)	This Year (b)	Last Year (c)	
Operating Revenues - Sales of Water			1
Sales of Water (460-467)	90,572,495	90,341,297	2
Total Sales of Water	90,572,495	90,341,297	3
Other Operating Revenues			4
Forfeited Discounts (470)	2,668,895	1,052,348	5
Rents from Water Property (472)	397,494	380,851	6
Interdepartmental Rents (473)	0	0	7
Other Water Revenues (474)	1,519,622	1,382,435	8
Total Other Operating Revenues	4,586,011	2,815,634	9
Total Operating Revenues	95,158,506	93,156,931	10
Operation and Maintenance Expenses			11
Source of Supply Expense (600-617)	0	0	12
Pumping Expenses (620-633)	8,215,262	6,569,515	13
Water Treatment Expenses (640-652)	12,001,467	11,328,563	14
Transmission and Distribution Expenses (660-678)	19,629,582	17,822,436	15
Customer Accounts Expenses (901-906)	1,098,632	922,529	16
Sales Expenses (910)	0	0	17
Administrative and General Expenses (920-932)	17,346,327	18,574,790	18
Total Operation and Maintenance Expenses	58,291,270	55,217,833	19
Other Operating Expenses			20
Depreciation Expense (403)	17,883,983	16,484,123	21
Amortization Expense (404-407)			22
Taxes (408)	14,124,220	14,146,951	23
Total Other Operating Expenses	32,008,203	30,631,074	24
Total Operating Expenses	90,299,473	85,848,907	25
NET OPERATING INCOME	4,859,033	7,308,024	26

Water Operating Revenues - Sales of Water

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

Description (a)	Average No. Customer (b)	Thousand of Gallons of Water Sold (c)	Amount (d)	
Unmetered Sales to General Customers (460)				1
Residential (460.1)				2
Commercial (460.2)				3
Industrial (460.3)				4
Public Authority (460.4)	2	12,438	40,252	5
Multifamily Residential (460.5)				6
Irrigation (460.6)				7
Total Unmetered Sales to General Customers (460)	2	12,438	40,252	8
Metered Sales to General Customers (461)				9
Residential (461.1)	137,846	8,329,328	34,643,090	10
Commercial (461.2)	12,600	4,413,519	14,750,967	11
Industrial (461.3)	1,291	2,753,671	5,987,677	12
Public Authority (461.4)	919	1,430,332	3,763,760	13
Multifamily Residential (461.5)	8,767	2,868,402	9,507,699	14
Irrigation (461.6)				15
Total Metered Sales to General Customers (461)	161,423	19,795,252	68,653,193	16
Private Fire Protection Service (462)	3,030		797,114	17
Public Fire Protection Service (463)	16		8,890,694	18
Other Water Sales (465)				19
Sales for Resale (466)	12	7,442,728	12,191,242	20
Interdepartmental Sales (467)				21
Total Sales of Water	164,483	27,250,418	90,572,495	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.	464,348	793,088	1
Butler Public Water Utility	N.124TH ST. & W. SILVER SPRING RD	105,270	166,838	2
City of Cudahy Water Utility	STANDBY CHARGES		3,500	3
Mequon Municipal Water Utility	N.76TH ST. & W. COUNTY LINE RD.	396,531	710,488	4
MILWAUKEE COUNTY WATER UTILITY	N.60TH ST. & W. NORTH AVE.	255,167	456,596	5
New Berlin Water Utility	S. 124TH ST. & W. HOWARD AVE	959,317	1,524,207	6
NORTH SHORE WATER COMMISSION	STANDBY CHARGES		2,700	7
Shorewood Municipal Water Utility	N. DOWNER & E. EDGEWOOD AVE	368,052	628,172	8
Village of Greendale Water Utility	S. 60TH ST. & W. EDGERTON AVE	425,816	816,041	9
Village of Menomonee Falls Water Utility	N. 124TH ST. & W. BRADLEY RD.	1,078,026	1,728,344	10
Wauwatosa Water Utility	W. CLARKE ST. & W.O. N.61 ST.	1,665,087	2,739,435	11
West Allis Municipal Water Utility	S. 77TH & W. PIERCE STREET	1,725,114	2,621,833	12
Total		7,442,728	12,191,242	13

Sales for Resale (Acct. 466)

Use a separate line for each delivery point.

Sales for Resale (Acct. 466) (Page W-03)

General Footnote

Milwaukee County Water Utility was moved to Wauwatosa on 12/02/2021.

Other Operating Revenues (Water)

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

Description (a)	Amount (b)	
Public Fire Protection Service (463)		1
Amount billed (usually per rate schedule F-1 or Fd-1)	8,683,296	2
Wholesale fire protection billed	207,398	3
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		4
Total Public Fire Protection Service (463)	8,890,694	5
Forfeited Discounts (470)		6
Customer late payment charges	2,668,895	7
Total Forfeited Discounts (470)	2,668,895	8
Rents from Water Property (472)		9
Rent of tower for cellular antennas	397,494	10
Total Rents from Water Property (472)	397,494	11
Interdepartmental Rents (473)		12
None		13
Total Interdepartmental Rents (473)	0	14
Other Water Revenues (474)		15
Return on net investment in meters charged to sewer department	1,057,319 *	16
Adjustment of Unbilled Accounts Receivable	201,332 *	17
Legal Collection Fees	52,200 *	18
Meter Reset Fees	6,550	19
Missed Appointment Charges	2,940	20
NSF Check Fees	76,334 *	21
Reconnection Charges	43,650 *	22
Request For Utility Bill Charges	219	23
Sale of Materials	1,483	24
Special Billing Charges	54,530 *	25
Special Meter Reading Charges	17,130 *	26
West Milwaukee Sewer Billing Fees	5,935	27
Total Other Water Revenues (474)	1,519,622	28

Other Operating Revenues (Water)

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

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

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

PSC 474-Other Revenues

The adjustment of the unbilled accounts receivable is needed to accrue revenue earned in 2021 that will not be billed out until 2022.

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- g Class C and class D report all expenses in Other Expense (column c).

Description (a)	Labor Expense (b)	Other Expense (c)	Total This Year (d)	Last Year (e)	
SOURCE OF SUPPLY EXPENSES					1
Operation Supervision and Engineering (600)			0	0	2
Operation Labor and Expenses (601)			0	0	3
Purchased Water (602)			0	0	4
Miscellaneous Expenses (603)			0	0	5
Rents (604)			0	0	6
Maintenance Supervision and Engineering (610)			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	0	12
Maintenance of Miscellaneous Water Source Plant (617)			0	0	13
Total Source of Supply Expenses	0	0	0	0	14
PUMPING EXPENSES					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)		6,405,633	6,405,633	5,109,335 *	19
Pumping Labor and Expenses (624)	282,112	55,283	337,395	406,092 *	20
Expenses Transferred--Credit (625)			0	0	21
Miscellaneous Expenses (626)		80,120	80,120	124,358 *	22
Rents (627)			0	0	23
Maintenance Supervision and Engineering (630)	160,768		160,768	166,356	24
Maintenance of Structures and Improvements (631)	194,990	427,476	622,466	314,182 *	25
Maintenance of Power Production Equipment (632)			0	0	26
Maintenance of Pumping Equipment (633)	134,307	474,573	608,880	449,192 *	27
Total Pumping Expenses	772,177	7,443,085	8,215,262	6,569,515	28
WATER TREATMENT EXPENSES					29
Operation Supervision and Engineering (640)	390,120		390,120	303,416 *	30
Chemicals (641)		2,037,249	2,037,249	1,843,128	31
Operation Labor and Expenses (642)	3,230,587	1,173,684	4,404,271	4,517,017	32
Miscellaneous Expenses (643)	40,490	690,378	730,868	670,230	33
Rents (644)			0	0	34
Maintenance Supervision and Engineering (650)	160,831		160,831	168,268	35
Maintenance of Structures and Improvements (651)	275,751	1,020,621	1,296,372	1,037,992 *	36
Maintenance of Water Treatment Equipment (652)	1,909,275	1,072,481	2,981,756	2,788,512	37
Total Water Treatment Expenses	6,007,054	5,994,413	12,001,467	11,328,563	38
TRANSMISSION AND DISTRIBUTION EXPENSES					39
Operation Supervision and Engineering (660)	1,492,905	96,790	1,589,695	1,562,082	40

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- 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)	420,579	846,256	1,266,835	1,057,616	* 42
Meter Expenses (663)	190,307	1,338,238	1,528,545	983,848	* 43
Customer Installations Expenses (664)			0	0	44
Miscellaneous Expenses (665)	682,807	1,290,823	1,973,630	2,152,202	45
Rents (666)		1,265,000	1,265,000	1,265,000	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)		57,825	57,825	47,279	* 49
Maintenance of Transmission and Distribution Mains (673)	946,769	6,692,867	7,639,636	6,941,793	50
Maintenance of Services (675)	1,793,131	922,777	2,715,908	2,515,845	51
Maintenance of Meters (676)	15,258	21,648	36,906	29,489	52
Maintenance of Hydrants (677)	480,462	684,755	1,165,217	945,766	* 53
Maintenance of Miscellaneous Plant (678)		390,385	390,385	321,516	* 54
Total Transmission and Distribution Expenses	6,022,218	13,607,364	19,629,582	17,822,436	55
CUSTOMER ACCOUNTS EXPENSES					
Supervision (901)	89,932		89,932	89,166	57
Meter Reading Expenses (902)	183,092	8,280	191,372	196,446	58
Customer Records and Collection Expenses (903)	356,295	365,855	722,150	825,993	59
Uncollectible Accounts (904)		95,000	95,000	(189,318)	60
Miscellaneous Customer Accounts Expenses (905)			0	0	61
Customer Service and Informational Expenses (906)	124	54	178	242	62
Total Customer Accounts Expenses	629,443	469,189	1,098,632	922,529	63
SALES EXPENSES					
Sales Expenses (910)			0	0	65
Total Sales Expenses	0	0	0	0	66
ADMINISTRATIVE AND GENERAL EXPENSES					
Administrative and General Salaries (920)	3,250,688		3,250,688	2,568,583	* 68
Office Supplies and Expenses (921)		471,478	471,478	892,193	* 69
Administrative Expenses Transferred--Credit (922)			0	0	70
Outside Services Employed (923)		1,719,037	1,719,037	1,991,934	71
Property Insurance (924)		269,041	269,041	248,799	72
Injuries and Damages (925)		423,444	423,444	542,126	* 73
Employee Pensions and Benefits (926)		10,774,448	10,774,448	10,747,991	74
Regulatory Commission Expenses (928)		15,754	15,754	51,042	* 75
Duplicate Charges--Credit (929)			0	0	76
Miscellaneous General Expenses (930)	89,941	134,921	224,862	1,331,875	* 77
Rents (931)		165,204	165,204	185,163	78
Maintenance of General Plant (932)		32,371	32,371	15,084	* 79
Total Administrative and General Expenses	3,340,629	14,005,698	17,346,327	18,574,790	80

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- g Class C and class D report all expenses in Other Expense (column c).

Description (a)	Labor Expense (b)	Other Expense (c)	Total This Year (d)	Last Year (e)	
TOTAL OPERATION AND MAINTENANCE EXPENSES	16,771,521	41,519,749	58,291,270	55,217,833	81

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- g Class C and class D report all expenses in Other Expense (column c).

Water Operation & Maintenance Expenses (Page W-05)

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- g Class C and class D report all expenses in Other Expense (column c).

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.

Operation Expenses -

PSC 623-Power for Pumping
Increase due to a combination of more pumpage and WE Engeries rate increase

PSC 624-Pumping Labor and Expenses
Decrease due to staff time charged

PSC 626-Pumping Miscellaneous Expenses
Decrease due to supplies

PSC 640-Treatment Supervision
Increase due to staff time charged

PSC 662-Distribution Lines Expense
Increase due to staff time charged and supplies

PSC 663-Distribution Meter Expenses
Increase due to cross connection charges

PSC 920-Administration Labor
Increase due to staff time charged

PSC 921-Administration Office Supplies
Decrease due to computer expenses and office supplies

PSC 925-Administration Injuries and Damages
Decrease due to workers compensation claims

PSC 928-Administration PSC Expenses
Decrease due to PSC fees to review the Waukesha application in 2020

PSC 930-Administration General Expenses
Decrease due to COVID 19 charges

Maintenance Expenses -

PSC 631-Pumping Structures
Increase due to painting work

PSC 633-Pumping Equipment
Increase due to repairs of pump equipment

PSC 651-Treatment Structures
Increase due to masonry and painting work

PSC 672-Distribution Tanks
Increase due to a tank inspection

PSC 677-Distribution Hydrants
Increase due to staff time charged and supplies

PSC 678-Distribution Miscellaneous Plant
Increase due to repairs of equipment

PSC 932-General Plant
Increase due to maintenance of equipment

Water Operation & Maintenance Expenses

- g Fully explain each expense account that has a difference between This Year and the previous three year average that is greater than 15 percent and \$10,000 (class AB), 15 percent and \$5,000 (class C), 15 percent and \$1,000 (class D). Include a breakdown of costs that contributed to the difference.
- g Class C and class D report all expenses in Other Expense (column c).

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	13,459,000	13,500,000	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department	610,481	651,920	2
Net Property Tax Equivalent	12,848,519	12,848,080	3
Social Security	1,166,975	1,199,426	4
PSC Remainder Assessment	108,726	99,445	5
Total Tax Expense	14,124,220	14,146,951	6

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.

COUNTY: MILWAUKEE(1)

SUMMARY OF TAX RATES

1. State Tax Rate	mills	0.000000
2. County Tax Rate	mills	4.730000
3. Local Tax Rate	mills	10.160000
4. School Tax Rate	mills	10.190000
5. Vocational School Tax Rate	mills	1.110000
6. Other Tax Rate - Local	mills	0.000000
7. Other Tax Rate - Non-Local	mills	1.640000
8. Total Tax Rate	mills	27.830000
9. Less: State Credit	mills	1.560000
11. Net Tax Rate	mills	26.270000

PROPERTY TAX EQUIVALENT CALCULATION

12. Local Tax Rate	mills	10.160000
13. Combined School Tax Rate	mills	11.300000
14. Other Tax Rate - Local	mills	0.000000
15. Total Local & School Tax Rate	mills	21.460000
16. Total Tax Rate	mills	27.830000
17. Ratio of Local and School Tax to Total	dec.	0.771110
18. Total Tax Net of State Credit	mills	26.270000
19. Net Local and School Tax Rate	mills	20.257068
20. Utility Plant, Jan 1	\$	855,468,455
21. Materials & Supplies	\$	3,407,942
22. Subtotal	\$	858,876,397
23. Less: Plant Outside Limits	\$	82,985,575
24. Taxable Assets	\$	775,890,822
25. Assessment Ratio	dec.	0.907500
26. Assessed Value	\$	704,120,921
27. Net Local and School Tax Rate	mills	20.257068
28. Tax Equiv. Computed for Current Year	\$	14,263,420

PROPERTY TAX EQUIVALENT - TOTAL

PROPERTY TAX EQUIVALENT CALCULATION

1. Utility Plant, Jan 1	\$	855,468,455
2. Materials & Supplies	\$	3,407,942
3. Subtotal	\$	858,876,397
4. Less: Plant Outside Limits	\$	82,985,575
5. Taxable Assets	\$	775,890,822
6. Assessed Value	\$	704,120,921
7. Tax Equiv. Computed for Current Year	\$	14,263,420
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)	\$	13,459,000
10. Tax Equivalent for Current Year (see notes)	\$	13,459,000

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)

General Footnote

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). 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 serve.

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

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

The City of Milwaukee and the Milwaukee Water Works agreed to pay \$13,459,000 in 2021 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)	
INTANGIBLE PLANT						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
Total Intangible Plant	0	0	0	0	0	5
SOURCE OF SUPPLY PLANT						6
Land and Land Rights (310)	0				0	7
Structures and Improvements (311)	0				0	8
Collecting and Impounding Reservoirs (312)	0				0	9
Lake, River and Other Intakes (313)	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
Total Source of Supply Plant	23,375,014	0	0	0	23,375,014	14
PUMPING PLANT						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		92,432	(1,698,632)	45,683,589 *	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	0				0	21
Total Pumping Plant	56,989,289	0	92,432	(1,698,632)	55,198,225	22
WATER TREATMENT PLANT						23
Land and Land Rights (330)	914,137				914,137	24
Structures and Improvements (331)	19,099,133	364,608			19,463,741 *	25
Sand or Other Media Filtration Equipment (332)	43,365,216	788,100	267,967		43,885,349 *	26
Membrane Filtration Equipment (333)	0				0	27
Other Water Treatment Equipment (334)	65,758,575				65,758,575	28
Total Water Treatment Plant	129,137,061	1,152,708	267,967	0	130,021,802	29
TRANSMISSION AND DISTRIBUTION PLANT						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)	361,767,132	20,619,338	866,037	(4,089,839)	377,430,594 *	34
Services (345)	20,484,768	4,078,725			24,563,493 *	35
Meters (346)	49,396,590	3,178,000	894,122		51,680,468 *	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)	41,271,692	2,236,572	715,266		42,792,998 *	37
Other Transmission and Distribution Plant (349)	0				0	38
Total Transmission and Distribution Plant	481,938,493	30,112,635	2,475,425	(4,089,839)	505,485,864	39
GENERAL PLANT						40
Land and Land Rights (389)	133,980				133,980	41
Structures and Improvements (390)	2,817,841	66,041			2,883,882 *	42
Office Furniture and Equipment (391)	1,874,143				1,874,143	43
Computer Equipment (391.1)	5,609,394	231,146	370,238		5,470,302 *	44
Transportation Equipment (392)	12,246,217	1,134,139	143,094		13,237,262 *	45
Stores Equipment (393)	0				0	46
Tools, Shop and Garage Equipment (394)	1,693,796	176,691	41,459		1,829,028 *	47
Laboratory Equipment (395)	1,559,696	107,824	62,058		1,605,462 *	48
Power Operated Equipment (396)	3,486,015	1,092,799	56,050		4,522,764 *	49
Communication Equipment (397)	3,127,585		197,842		2,929,743 *	50
SCADA Equipment (397.1)	1,829,035				1,829,035	51
Miscellaneous Equipment (398)	0				0	52
Total General Plant	34,377,702	2,808,640	870,741	0	36,315,601	53
Total utility plant in service directly assignable	725,817,559	34,073,983	3,706,565	(5,788,471)	750,396,506	54
Common Utility Plant Allocated to Water Department	0				0	55
TOTAL UTILITY PLANT IN SERVICE	725,817,559	34,073,983	3,706,565	(5,788,471)	750,396,506	56

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

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

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

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

PSC 331-Treatment Structures
Expand Data Center at Linnwood Plant
Expand Data Center at Howard Plant
Water Quality Lab Upgrade at Linnwood Plant

PSC 332-Treatment Equipment
Flocculator Basin #1 Upgrade at Howard Plant

PSC 343-Water Mains
Added 107,753 feet

PSC 345-Water Services
Added 556 services

PSC 346-Water Meters
Added 8,673 meters

PSC 348-Fire Hydrants
Added 352 hydrants

PSC 390-General Structures
Electrical Upgrade at Meter Shop

PSC 391.1-Computer Equipment
Added various hardware and software

PSC 392-Transportation Equipment
Added various vehicles at various locations

PSC 394-Tools and Shop Equipment
Added portable pumps and other field and shop equipment

PSC 395-Laboratory Equipment
Added an Ion Chromatograph and other equipment

PSC 396-Power Operated Equipment
Added Backhoes/Loaders

General Footnote

PSC 325 - Pumping Equipment
Adjust Howard Pumping Station plant of \$1,698,632 (2015 grant of \$1,283,631 and 2016 grant of \$415,001) from Utility Plant Financed by Operations (101.1) to Utility Plant Contributed (101.2). These grants were recorded incorrectly in previous years. Approved by the PSC in September of 2021.

PSC 343 - Water Mains
Adjust water mains plant of \$4,089,839 (2017 grant of \$1,342,035 and 2018 grant of \$2,747,804) from Utility Plant Financed by Operations (101.1) to Utility Plant Contributed (101.2). These grants were recorded incorrectly in previous years. Approved by the PSC in September of 2021.

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](#)

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

PSC 325-Pumping Equipment
Pump #7 at Texas Station

PSC 332-Treatment Equipment
Flocculator equipment at Howard Plant

PSC 343-Water Mains
Retired 107,819 feet

PSC 346-Water Meters
Retired 8,955 meters

PSC 348-Fire Hydrants
Retired 333 hydrants

PSC 391.1-Computer Equipment
Retired various hardware and software

PSC 392-Transportation Equipment
Retired various vehicles from various locations

PSC 395-Laboratory Equipment
Retired a spectrophotometer and other lab equipment

PSC 396-Power Operated Equipment
Retired Backhoes/Loaders

PSC 397-Communication Equipment
Retired radios and other communication equipment

Water Utility Plant in Service - Plant Financed by Contributions

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

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	
INTANGIBLE PLANT						1
Organization (301)	0				0	2
Franchises and Consents (302)	0				0	3
Miscellaneous Intangible Plant (303)	0				0	4
Total Intangible Plant	0	0	0	0	0	5
SOURCE OF SUPPLY PLANT						6
Land and Land Rights (310)	0				0	7
Structures and Improvements (311)	0				0	8
Collecting and Impounding Reservoirs (312)	0				0	9
Lake, River and Other Intakes (313)	0				0	10
Wells and Springs (314)	0				0	11
Supply Mains (316)	0				0	12
Other Water Source Plant (317)	0				0	13
Total Source of Supply Plant	0	0	0	0	0	14
PUMPING PLANT						15
Land and Land Rights (320)	0				0	16
Structures and Improvements (321)	0				0	17
Other Power Production Equipment (323)	0				0	18
Electric Pumping Equipment (325)	0			1,698,632	1,698,632 *	19
Diesel Pumping Equipment (326)	0				0	20
Other Pumping Equipment (328)	0				0	21
Total Pumping Plant	0	0	0	1,698,632	1,698,632	22
WATER TREATMENT PLANT						23
Land and Land Rights (330)	0				0	24
Structures and Improvements (331)	0				0	25
Sand or Other Media Filtration Equipment (332)	0				0	26
Membrane Filtration Equipment (333)	0				0	27
Other Water Treatment Equipment (334)	0				0	28
Total Water Treatment Plant	0	0	0	0	0	29
TRANSMISSION AND DISTRIBUTION PLANT						30
Land and Land Rights (340)	0				0	31
Structures and Improvements (341)	0				0	32
Distribution Reservoirs and Standpipes (342)	0				0	33
Transmission and Distribution Mains (343)	81,153,211	39,233	190,106	4,089,839	85,092,177 *	34
Services (345)	21,086,230		39,553		21,046,677	35
Meters (346)	1,135,792		38,813		1,096,979	36

Water Utility Plant in Service - Plant Financed by Contributions

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

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (d)	Adjustments Increase or (Decrease) (e)	Balance End of Year (f)	
Hydrants (348)	8,069,562		136,241		7,933,321 *	37
Other Transmission and Distribution Plant (349)	0				0	38
Total Transmission and Distribution Plant	111,444,795	39,233	404,713	4,089,839	115,169,154	39
GENERAL PLANT						40
Land and Land Rights (389)	0				0	41
Structures and Improvements (390)	0				0	42
Office Furniture and Equipment (391)	0				0	43
Computer Equipment (391.1)	0				0	44
Transportation Equipment (392)	0				0	45
Stores Equipment (393)	0				0	46
Tools, Shop and Garage Equipment (394)	0				0	47
Laboratory Equipment (395)	0				0	48
Power Operated Equipment (396)	0				0	49
Communication Equipment (397)	0				0	50
SCADA Equipment (397.1)	0				0	51
Miscellaneous Equipment (398)	0				0	52
Total General Plant	0	0	0	0	0	53
Total utility plant in service directly assignable	111,444,795	39,233	404,713	5,788,471	116,867,786	54
Common Utility Plant Allocated to Water Department	0				0	55
TOTAL UTILITY PLANT IN SERVICE	111,444,795	39,233	404,713	5,788,471	116,867,786	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)

General Footnote

PSC 325-Pumping Equipment and PSC 343-Water Mains-

Adjust \$5,788,471 from Utility Plant Financed by Utility (101.1) to Utility Plant Contributed (101.2) due to recording grants incorrectly in previous years. Note W-8 for further details. Approved by PSC in September of 2021.

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

PSC 343 Mains and PSC 348 Hydrants -

Retired mains and hydrants of various amounts.

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

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

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
SOURCE OF SUPPLY PLANT									1
Structures and Improvements (311)	0							0	2
Collecting and Impounding Reservoirs (312)	0							0	3
Lake, River and Other Intakes (313)	8,857,920	1.70%	273,372					9,131,292	4
Wells and Springs (314)	0							0	5
Supply Mains (316)	4,958,910	1.80%	131,298					5,090,208	6
Other Water Source Plant (317)	0							0	7
Total Source of Supply Plant	13,816,830		404,670	0	0	0	0	14,221,500	8
PUMPING PLANT									9
Structures and Improvements (321)	9,176,984	3.20%						9,176,984	10
Other Power Production Equipment (323)	0							0	11
Electric Pumping Equipment (325)	20,938,656	4.40%	1,782,193	92,432				22,628,417	12
Diesel Pumping Equipment (326)	0							0	13
Other Pumping Equipment (328)	0							0	14
Total Pumping Plant	30,115,640		1,782,193	92,432	0	0	0	31,805,401	15
WATER TREATMENT PLANT									16
Structures and Improvements (331)	12,118,499	3.20%	617,005					12,735,504	17
Sand or Other Media Filtration Equipment (332)	30,053,766	3.30%	1,439,635	267,967	58,000			31,167,434	18
Membrane Filtration Equipment (333)	0							0	19
Other Water Treatment Equipment (334)	57,668,658	6.00%	3,945,515					61,614,173	20
Total Water Treatment Plant	99,840,923		6,002,155	267,967	58,000	0	0	105,517,111	21
TRANSMISSION AND DISTRIBUTION PLANT									22
Structures and Improvements (341)	0							0	23
Distribution Reservoirs and Standpipes (342)	4,423,843	1.90%	170,785					4,594,628	24
Transmission and Distribution Mains (343)	82,278,458	1.30%	4,831,370	866,037	37,695			86,206,096	25
Services (345)	843,245	2.00%	450,483					1,293,728	26
Meters (346)	19,610,691	5.50%	2,779,620	894,122		61,570		21,557,759	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)	7,947,070	2.20%	924,706	715,266	60,315	7,356		8,103,551	28
Other Transmission and Distribution Plant (349)	0							0	29
Total Transmission and Distribution Plant	115,103,307		9,156,964	2,475,425	98,010	68,926	0	121,755,762	30
GENERAL PLANT									31
Structures and Improvements (390)	1,384,356	2.90%	82,676					1,467,032	32
Office Furniture and Equipment (391)	1,867,373	5.80%	430					1,867,803	33
Computer Equipment (391.1)	4,879,246	26.70%	442,044	370,238				4,951,052	34
Transportation Equipment (392)	8,369,134	13.30%	993,107	143,094				9,219,147	35
Stores Equipment (393)	0							0	36
Tools, Shop and Garage Equipment (394)	743,561	5.80%	102,162	41,459				804,264	37
Laboratory Equipment (395)	506,106	5.80%	91,790	62,058				535,838	38
Power Operated Equipment (396)	2,521,535	7.50%	295,365	56,050				2,760,850	39
Communication Equipment (397)	2,821,566	15.00%	80,079	197,842				2,703,803	40
SCADA Equipment (397.1)	1,391,795	9.20%	168,271					1,560,066	41
Miscellaneous Equipment (398)	0							0	42
Total General Plant	24,484,672		2,255,924	870,741	0	0	0	25,869,855	43
Total accum. prov. directly assignable	283,361,372		19,601,906	3,706,565	156,010	68,926	0	299,169,629	44
Common Utility Plant Allocated to Water Department	0							0	45
TOTAL ACCUM, PROV, FOR DEPRECIATION	283,361,372		19,601,906	3,706,565	156,010	68,926	0	299,169,629	46

Water Accumulated Provision for Depreciation - Plant Financed by Contributions

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

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	Book Cost of Plant Retired (e)	Cost of Removal (f)	Salvage (g)	Adjustments Increase or (Decrease) (h)	Balance End of Year (i)	
SOURCE OF SUPPLY PLANT									1
Structures and Improvements (311)	0							0	2
Collecting and Impounding Reservoirs (312)	0							0	3
Lake, River and Other Intakes (313)	0							0	4
Wells and Springs (314)	0							0	5
Supply Mains (316)	0							0	6
Other Water Source Plant (317)	0							0	7
Total Source of Supply Plant	0		0	0	0	0	0	0	8
PUMPING PLANT									9
Structures and Improvements (321)	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
Total Pumping Plant	0		0	0	0	0	0	0	15
WATER TREATMENT PLANT									16
Structures and Improvements (331)	0							0	17
Sand or Other Media Filtration Equipment (332)	0							0	18
Membrane Filtration Equipment (333)	0							0	19
Other Water Treatment Equipment (334)	0							0	20
Total Water Treatment Plant	0		0	0	0	0	0	0	21
TRANSMISSION AND DISTRIBUTION PLANT									22
Structures and Improvements (341)	0							0	23
Distribution Reservoirs and Standpipes (342)	0							0	24
Transmission and Distribution Mains (343)	26,327,807	1.30%	1,054,011	190,106	8,274			27,183,438	25
Services (345)	1,513,607	2.00%	421,329	39,553				1,895,383	26
Meters (346)	1,135,792	5.50%	61,401	38,813		3,929	(65,330)	1,096,979 *	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)	2,428,449	2.20%	176,032	136,241	11,489	1,400		2,458,151	28
Other Transmission and Distribution Plant (349)	0							0	29
Total Transmission and Distribution Plant	31,405,655		1,712,773	404,713	19,763	5,329	(65,330)	32,633,951	30
GENERAL PLANT									31
Structures and Improvements (390)	0							0	32
Office Furniture and Equipment (391)	0							0	33
Computer Equipment (391.1)	0							0	34
Transportation Equipment (392)	0							0	35
Stores Equipment (393)	0							0	36
Tools, Shop and Garage Equipment (394)	0							0	37
Laboratory Equipment (395)	0							0	38
Power Operated Equipment (396)	0							0	39
Communication Equipment (397)	0							0	40
SCADA Equipment (397.1)	0							0	41
Miscellaneous Equipment (398)	0							0	42
Total General Plant	0		0	0	0	0	0	0	43
Total accum. prov. directly assignable	31,405,655		1,712,773	404,713	19,763	5,329	(65,330)	32,633,951	44
Common Utility Plant Allocated to Water Department	0							0	45
TOTAL ACCUM, PROV, FOR DEPRECIATION	31,405,655		1,712,773	404,713	19,763	5,329	(65,330)	32,633,951	46

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

Water Accumulated Provision for Depreciation - Plant Financed by Contributions (Page W-12)

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

PSC 346 - Water Meters

This account (sub asset #1152) became fully depreciated in 2021.

Age of Water Mains

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

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

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

Pipe Size (a)	Feet of Main											Total (m)		
	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)	2021-2030 (l)			
2.000		0	0	0	0	151	386	2,198	3,604	95			6,434	1
4.000		4,451	13,170	128	847	14,039	7,729	8,166	183	89	39		48,841	2
6.000		1,410,073	667,057	131,309	87,384	29,198	24,634	13,825	29,869	24,610	5,507		2,423,466	3
8.000		280,860	752,379	582,934	686,996	361,198	285,022	381,605	483,013	579,999	94,914		4,488,920	4
12.000		180,249	376,341	289,921	175,455	135,491	156,570	100,058	53,485	49,635	6,553		1,523,758	5
16.000		65,022	205,566	298,017	261,929	122,442	70,865	51,402	24,088	31,204	740		1,131,275	6
20.000		40,570	14,008	2,081	13,522	2,672	131	201	665	152			74,002	7
24.000		10,670	7,771	5,390	32,681	5,734	2,909	245	323	10,451			76,174	8
30.000		48,767	19,926	2,064	18,249	0	171	1,303	1,445	1,277			93,202	9
36.000		64,449	24,388	11,919	23,363	5,656	4,730	399	494	1,086			136,484	10
42.000		882	7,162	35,280	38,730	1,042	4,653	11,248	6	6			99,009	11
48.000		0	23,078	12,134	26,308	0	13	24	151	21			61,729	12
54.000		0	46,897	46,842	55,544	0	0	13,235	3,408	57			165,983	13
60.000		0	0	0	20,509	0	0	1,060	0	0			21,569	14
Total	0	2,105,993	2,157,743	1,418,019	1,441,517	677,623	557,813	584,969	600,734	698,682	107,753		10,350,846	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		2,614,180		2,614,180			2,614,180	1
February		2,591,540		2,591,540			2,591,540	2
March		2,801,800		2,801,800			2,801,800	3
April		2,629,460		2,629,460			2,629,460	4
May		2,804,750		2,804,750			2,804,750	5
June		3,106,380		3,106,380			3,106,380	6
July		3,154,470		3,154,470			3,154,470	7
August		3,145,390		3,145,390			3,145,390	8
September		2,905,790		2,905,790			2,905,790	9
October		2,806,570		2,806,570			2,806,570	10
November		2,605,680		2,605,680			2,605,680	11
December		2,677,460		2,677,460			2,677,460	12
TOTAL	0	33,843,470	0	33,843,470	0	0	33,843,470	13

Water Audit and Other Statistics

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

Description (a)	Value (b)	
WATER AUDIT STATISTICS		1
Finished Water pumped or purchased (000s)	33,843,470	2
Less: Gallons (000s) sold to wholesale customers (exported water)	7,442,728	3
Subtotal: Net gallons (000s) entering distribution system	26,400,742	4
Less: Gallons (000s) sold to retail customers (billed, metered)	19795252	6
Less: Gallons (000s) sold to retail customers (billed, unmetered)	12438	7
Gallons (000s) of Non-Revenue Water	6,593,052	8
Gallons (000s) of unbilled-metered (including customer use to prevent freezing)	248,647	9
Gallons (000s) of unbilled-unmetered (including unmetered flushing, fire protection)	454,754	10
Subtotal: Unbilled Authorized Consumption	703,401	11
Total Water Loss	5,889,651	12
Gallons (000s) estimated due to unauthorized consumption (includes theft) default option	0	14
Gallons (000s) estimated due to data and billing errors	0	15
Gallons (000s) estimated due to customer meter under-registration	0	16
Subtotal Apparent Losses	0	17
Gallons (000s) estimated due to reported leakage (mains, services, hydrants, overflows)	51,625	18
Gallons (000s) estimated due to unreported and background leakage	5,838,026	19
Subtotal Real Losses (leakage)	5,889,651	20
Non-Revenue Water as percentage of net water supplied	25%	21
Total Water Loss as percentage of net water supplied	22%	22
OTHER STATISTICS		23
Maximum gallons (000s) pumped by all methods in any one day during reporting year	119,876	24
Date of maximum	07/26/2021	25
Cause of maximum		26
A hot and dry summer day		27
Minimum gallons (000s) pumped by all methods in any one day during reporting year	76,543	28
Date of minimum	12/25/2021	29
Total KWH used by the utility (including pumping, treatment facilities and other utility operations)	63,863,319	30
If water is purchased:		31
Vendor Name		32
Point of Delivery		33
Source of purchased water		34
Vendor Name (2)		35
Point of Delivery (2)		36
Source of purchased water (2)		37
Vendor Name (3)		38
Point of Delivery (3)		39
Source of purchased water (3)		40
Number of main breaks repaired this year	428	41
Number of service breaks repaired this year	20	42
Does the utility have an asset management plan?	Yes	43

Sources of Water Supply - Well Information

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

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

Sources of Water Supply - Intake Information

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)	Location (b)	Pump						Pump Motor or Standby Engine				
		DNR Well Id (c)	Primary Purpose (d)	Primary Destination (e)	Year Installed (f)	Type (g)	Actual Capacity (gpm) (h)	Year Installed (i)	Year Actual Capacity Determined (j)	Type (k)	Horsepower (l)	
ADLER-PUMP #1	ADLER STATION		Booster	Distribution	2016	Centrifugal	1,111	2016	2016	Electric	30	1
ADLER-PUMP #2	ADLER STATION		Booster	Distribution	2016	Centrifugal	1,111	2016	2016	Electric	30	2
ADLER-PUMP #3	ADLER STATION		Booster	Distribution	2016	Centrifugal	1,111	2016	2016	Electric	30	3
BLUEMOUND-PUMP #1	BLUEMOUND STATION		Booster	Distribution	1994	Centrifugal	1,201	1994	1994	Electric	40	4
BLUEMOUND-PUMP #2	BLUEMOUND STATION		Booster	Distribution	1994	Centrifugal	1,201	1994	1994	Electric	40	5
BLUEMOUND-PUMP #3	BLUEMOUND STATION		Booster	Distribution	1994	Centrifugal	1,201	1994	1994	Electric	40	6
CAPITOL-PUMP #1	CAPITOL STATION		Booster	Distribution	1998	Centrifugal	694	1998	1998	Electric	15	7
CAPITOL-PUMP #2	CAPITOL STATION		Booster	Distribution	1998	Centrifugal	694	1998	1998	Electric	15	8
CAPITOL-PUMP #3	CAPITOL STATION		Booster	Distribution	1998	Centrifugal	1,389	1998	1998	Electric	30	9
CAPITOL-PUMP #4	CAPITOL STATION		Booster	Distribution	1998	Centrifugal	1,389	1998	1998	Electric	30	10
FLORIST-PUMP #1	FLORIST STATION		Booster	Distribution	1969	Centrifugal	8,400	1969	1969	Electric	250	11
FLORIST-PUMP #2	FLORIST STATION		Booster	Distribution	2013	Centrifugal	6,945	2013	2013	Electric	250	12
FLORIST-PUMP #3	FLORIST STATION		Booster	Distribution	1965	Centrifugal	2,100	1965	1965	Electric	50	13
FLORIST-PUMP #4	FLORIST STATION		Booster	Distribution	1993	Centrifugal	4,900	1993	1993	Electric	350	14
FLORIST-PUMP #5	FLORIST STATION		Booster	Distribution	1965	Centrifugal	4,200	1965	1965	Electric	125	15
FLORIST-PUMP #6	FLORIST STATION		Booster	Distribution	1965	Centrifugal	5,000	1965	1965	Electric	200	16
FLORIST-PUMP #7	FLORIST STATION		Booster	Distribution	1969	Centrifugal	14,000	1969	1969	Electric	500	17
FLORIST-PUMP #8	FLORIST STATION		Booster	Distribution	1965	Centrifugal	9,100	1965	1965	Electric	350	18
GRANGE-PUMP #1	GRANGE STATION		Booster	Distribution	1968	Centrifugal	3,472	1968	1968	Electric	100	19
GRANGE-PUMP #2	GRANGE STATION		Booster	Distribution	1968	Centrifugal	3,472	1968	1968	Electric	100	20
GRANGE-PUMP #3	GRANGE STATION		Booster	Distribution	2011	Centrifugal	8,333	2011	2011	Electric	300	21
GRANGE-PUMP #4	GRANGE STATION		Booster	Distribution	1990	Centrifugal	6,944	1990	1990	Electric	200	22
GRANGE-PUMP #5	GRANGE STATION		Booster	Distribution	1990	Centrifugal	6,944	1990	1990	Electric	200	23

Pumping & Power Equipment

Identification (a)	Location (b)	Pump						Pump Motor or Standby Engine				
		DNR Well Id (c)	Primary Purpose (d)	Primary Destinatio n (e)	Year Installed (f)	Type (g)	Actual Capacity (gpm) (h)	Year Installed (i)	Year Actual Capacity Determined (j)	Type (k)	Horse- power (l)	
HOWARD-PUMP #1	HOWARD STATION		Primary	Treatment	1962	Centrifugal	15,972	1962	1962	Electric	350	24
HOWARD-PUMP #2	HOWARD STATION		Primary	Distribution	2014	Centrifugal	6,944	2014	2014	Electric	200	25
HOWARD-PUMP #4	HOWARD STATION		Primary	Distribution	1962	Centrifugal	19,444	1962	1962	Electric	800	26
HOWARD-PUMP #5	HOWARD STATION		Primary	Treatment	1962	Centrifugal	27,778	1962	1962	Electric	2000	27
HOWARD-PUMP #6	HOWARD STATION		Primary	Treatment	1962	Centrifugal	28,390	1962	1962	Electric	2000	28
HOWARD-PUMP #7	HOWARD STATION		Primary	Treatment	1962	Centrifugal	28,390	1962	1962	Electric	2000	29
HOWARD-PUMP #8	HOWARD STATION		Primary	Treatment	1962	Centrifugal	27,778	1962	1962	Electric	2000	30
LINCOLN-PUMP #1	LINCOLN STATION		Booster	Distribution	1956	Centrifugal	3,472	2019	2019	Electric	300	31
LINCOLN-PUMP #2	LINCOLN STATION		Booster	Distribution	1956	Centrifugal	6,944	1956	1956	Electric	600	32
LINCOLN-PUMP #3	LINCOLN STATION		Booster	Distribution	1956	Centrifugal	6,944	1956	1956	Electric	600	33
LINCOLN-PUMP #4	LINCOLN STATION		Booster	Distribution	1956	Centrifugal	2,320	1956	1956	Electric	200	34
LINNWOOD-PUMP #1	LINNWOOD PLANT		Primary	Treatment	2000	Centrifugal	30,000	2000	2000	Electric	800	35
LINNWOOD-PUMP #2	LINNWOOD PLANT		Primary	Treatment	2000	Centrifugal	30,000	2000	2000	Electric	800	36
LINNWOOD-PUMP #3	LINNWOOD PLANT		Primary	Treatment	1938	Centrifugal	41,300	1938	1938	Electric	450	37
LINNWOOD-PUMP #4	LINNWOOD PLANT		Primary	Treatment	1938	Centrifugal	39,583	1938	1938	Electric	450	38
LINNWOOD-PUMP #5	LINNWOOD PLANT		Primary	Treatment	1938	Centrifugal	34,750	1938	1938	Electric	350	39
LINNWOOD-PUMP #6	LINNWOOD PLANT		Primary	Treatment	1938	Centrifugal	34,750	1938	1938	Electric	350	40
LINNWOOD-PUMP #7	LINNWOOD PLANT		Primary	Treatment	1938	Centrifugal	52,200	1938	1938	Electric	500	41
LINNWOOD-PUMP #8	LINNWOOD PLANT		Primary	Treatment	1956	Centrifugal	69,500	1956	1956	Electric	600	42
LISBON-PUMP #1	LISBON STATION		Booster	Distribution	1976	Centrifugal	4,200	1976	1976	Electric	50	43
LISBON-PUMP #2	LISBON STATION		Booster	Distribution	1976	Centrifugal	4,167	1976	1976	Electric	75	44
LISBON-PUMP #3	LISBON STATION		Booster	Distribution	1976	Centrifugal	4,167	1976	1976	Electric	75	45
NORTHPOINT-PUMP #1	NORTH POINT STATION		Primary	Distribution	1963	Centrifugal	20,800	1963	1963	Electric	2250	46

Pumping & Power Equipment

Identification (a)	Location (b)	Pump					Pump Motor or Standby Engine					
		DNR Well Id (c)	Primary Purpose (d)	Primary Destination (e)	Year Installed (f)	Type (g)	Actual Capacity (gpm) (h)	Year Installed (i)	Year Actual Capacity Determined (j)	Type (k)	Horsepower (l)	
NORTHPOINT-PUMP #2	NORTH POINT STATION		Primary	Distribution	1963	Centrifugal	20,800	1963	1963	Electric	2250	47
NORTHPOINT-PUMP #3	NORTH POINT STATION		Primary	Distribution	1963	Centrifugal	20,800	1963	1963	Electric	2250	48
NORTHPOINT-PUMP #5	NORTH POINT STATION		Primary	Distribution	2005	Centrifugal	5,556	2005	2005	Electric	350	49
NORTHPOINT-PUMP #6	NORTH POINT STATION		Primary	Distribution	2005	Centrifugal	6,950	2005	2005	Electric	450	50
NORTHPOINT-PUMP #7	NORTH POINT STATION		Primary	Distribution	1963	Centrifugal	17,500	1963	1963	Electric	1000	51
OKLAHOMA-PUMP #1	OKLAHOMA STATION		Booster	Distribution	1957	Centrifugal	860	1957	1957	Electric	25	52
OKLAHOMA-PUMP #2	OKLAHOMA STATION		Booster	Distribution	1957	Centrifugal	860	1957	1957	Electric	25	53
OKLAHOMA-PUMP #3	OKLAHOMA STATION		Booster	Distribution	1957	Centrifugal	860	1957	1957	Electric	25	54
OKLAHOMA-PUMP #4	OKLAHOMA STATION		Booster	Distribution	1957	Centrifugal	860	1957	1957	Electric	25	55
RIVERSIDE-PUMP #1A	RIVERSIDE STATION		Primary	Distribution	1991	Centrifugal	17,350	1991	1991	Electric	900	56
RIVERSIDE-PUMP #1B	RIVERSIDE STATION		Primary	Distribution	1969	Centrifugal	17,350	1969	1969	Electric	1750	57
RIVERSIDE-PUMP #2	RIVERSIDE STATION		Primary	Distribution	1969	Centrifugal	17,350	1969	1969	Electric	1750	58
RIVERSIDE-PUMP #4	RIVERSIDE STATION		Primary	Distribution	2008	Centrifugal	17,350	2008	2008	Electric	1750	59
RIVERSIDE-PUMP #5	RIVERSIDE STATION		Primary	Distribution	2015	Centrifugal	17,350	2015	2015	Electric	2000	60
RIVERSIDE-PUMP #6A	RIVERSIDE STATION		Primary	Distribution	2011	Centrifugal	17,350	2011	2011	Electric	1750	61
RIVERSIDE-PUMP #6B	RIVERSIDE STATION		Primary	Distribution	2011	Centrifugal	17,350	2011	2011	Electric	1750	62
TEXAS-PUMP #1	TEXAS STATION		Primary	Treatment	1974	Centrifugal	38,194	1974	1974	Electric	2000	63
TEXAS-PUMP #2	TEXAS STATION		Primary	Treatment	1961	Centrifugal	24,305	1961	1961	Electric	1200	64
TEXAS-PUMP #3	TEXAS STATION		Primary	Treatment	1974	Centrifugal	38,194	1974	1974	Electric	2000	65
TEXAS-PUMP #4	TEXAS STATION		Primary	Treatment	1961	Centrifugal	24,305	1961	1961	Electric	1200	66
TEXAS-PUMP #5	TEXAS STATION		Primary	Treatment	1961	Centrifugal	24,305	1961	1961	Electric	1200	67
TEXAS-PUMP #6	TEXAS STATION		Primary	Treatment	1974	Centrifugal	38,194	1974	1974	Electric	2000	68
TEXAS-PUMP #7	TEXAS STATION		Primary	Treatment	1961	Centrifugal	24,305	1961	1961	Electric	1200	69

Pumping & Power Equipment

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 _ Ion Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ 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 _ Ion Exchange _ Iron/Manganese _ Nitrate Removal _ Radium Removal _ Corrosion _ 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	41,690	39			41,729	2
Other Plastic	Distribution	4	1,026				1,026	3
Other Metal	Distribution	6	2,384,556	5,507	31,429		2,358,634	4
Other Plastic	Distribution	6	290				290	5
Other Metal	Distribution	8	3,749,043	94,826	68,893		3,774,976	6
Other Plastic	Distribution	8	2,489				2,489	7
Other Metal	Distribution	12	1,318,979	6,549	6,582		1,318,946	8
Other Metal	Transmission	16	957,339	740	807		957,272	9
Other Plastic	Transmission	16	3,477				3,477	10
Other Metal	Transmission	20	60,249				60,249	11
Other Plastic	Transmission	20	4,457				4,457	12
Other Metal	Transmission	24	34,689				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
Total Within Municipality			9,112,389	107,661	107,711		9,112,339	26
Other Metal	Distribution	2	450				450	27
Other Metal	Distribution	4	6,086				6,086	28
Other Metal	Distribution	6	64,542				64,542	29
Other Metal	Distribution	8	711,470	88	103		711,455	30
Other Metal	Distribution	12	204,813	4	5		204,812	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 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	Transmission	24	15,411				15,411	35
Other Plastic	Transmission	24	8,287				8,287	36
Other Plastic	Transmission	30	3,120				3,120	37
Other Metal	Transmission	36	179				179	38
Other Plastic	Transmission	36	4,455				4,455	39
Other Plastic	Transmission	42	1,959				1,959	40
Other Plastic	Transmission	48	10,802				10,802	41
Other Plastic	Transmission	54	27,127				27,127	42
Total Outside Municipality			1,238,523	92	108		1,238,507	43
Total Utility			10,350,912	107,753	107,819		10,350,846	44

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" diameter in the 36" 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 the Utility). The other additions were either financed by land developers or assessments. These are included in Schedule W-9 (Plant Financed by Contributions).

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)	0		1
Copper	0.375	1	1		1	3		2
Lead	0.500	166			(37)	129		3
Copper	0.500	4			35	39		4
Lead	0.625	5,667			(515)	5,152		5
Copper	0.625	92			481	573		6
Lead	0.750	35,950		87	(1,556)	34,307		7
Copper	0.750	33,601	1		1,382	34,984		8
Ductile Iron, Lined (late 1960's to present)	1.000	2			43	45		9
Lead	1.000	31,871		66	(988)	30,817		10
Copper	1.000	35,963	475		771	37,209		11
Lead	1.250	329			(10)	319		12
Copper	1.250	5,354	2		4	5,360		13
Lead	1.500	100			(17)	83		14
Copper	1.500	3,955	39		14	4,008		15
Ductile Iron, Lined (late 1960's to present)	2.000	12			(3)	9		16
Lead	2.000	10			0	10		17
Copper	2.000	3,553	4		(12)	3,545		18
Unlined Cast Iron (pre-early 1950's)	2.000	930			1	931		19
Ductile Iron, Lined (late 1960's to present)	3.000	309	1		(276)	34		20
Unlined Cast Iron (pre-early 1950's)	3.000	886			272	1,158		21
Ductile Iron, Lined (late 1960's to present)	4.000	1,015			812	1,827		22
Unlined Cast Iron (pre-early 1950's)	4.000	1,021	2	1	(815)	207		23
Ductile Iron, Lined (late 1960's to present)	6.000	1,784	5	2	(1,018)	769		24
Copper	6.000	14	13		34	61		25
Unlined Cast Iron (pre-early 1950's)	6.000	757			982	1,739		26
Ductile Iron, Lined (late 1960's to present)	8.000	949	2	2	(650)	299		27
Copper	8.000	2	10		20	32		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	106			629	735	29
Ductile Iron, Lined (late 1960's to present)	10.000	70	1		(55)	16	30
Unlined Cast Iron (pre-early 1950's)	10.000	2			55	57	31
Ductile Iron, Lined (late 1960's to present)	12.000	77			(50)	27	32
Unlined Cast Iron (pre-early 1950's)	12.000	9			50	59	33
Ductile Iron, Lined (late 1960's to present)	16.000	9			(7)	2	34
Copper	16.000	1			(1)	0	35
Unlined Cast Iron (pre-early 1950's)	16.000	2			8	10	36
Utility Total		164,574	556	158	(417)	164,555	37

Utility-Owned Water Service Lines

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

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

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

The additions were 100% Utility financed.

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

Adjustments are due to restatement of service line size.

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.

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	116,784	6,264	6,493		116,555	6,571	100,168	4,713	270	74	2,625						8,705	116,555	1
3/4	44,528	2,160	1,922		44,766	2,431	36,403	2,660	261	73	2,385						2,984	44,766	2
1	5,694	240	434		5,500	322	737	2,034	186	185	1,971						387	5,500	3
1 1/2	3,617		99		3,518	672	50	1,343	180	101	1,279						565	3,518	4
2	2,302			154	2,456	538	15	948	206	182	406						699	2,456	5
3	1,244		3		1,241	632		424	82	144	532						59	1,241	6
4	462	2	4		460	274		250	55	83	27						45	460	7
6	227	1	0	8	236	236		106	34	50	7		2				37	236	8
8	110	6	0	8	124	124		44	11	22	8		21				18	124	9
10	39		0	3	42	42		15	6	5			10				6	42	10
12	4		0		4	4							4					4	11
Total	175,011	8,673	8,955	173	174,902	11,846	137,373	12,537	1,291	919	9,240		37				13,505	174,902	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 (# of meter: 6)

Automatic meter reading (AMR), drive or walk by technology, wand or touchpad (# of meter: 174896)

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 property ledger.

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

The large meters were installed in mansions that were built along Lake Michigan in the 1930's and 1940's.

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.

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	17	17	483	3,299 *	1
Fire - Within Municipality	17,073	335	316	(524)	16,568 *	2
Total Fire Hydrants	19,889	352	333	(41)	19,867	3
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	12,488
Number of Distribution System Valves end of year	50,545
Number of Distribution Valves operated during Year	1,494

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).

Hydrants and Distribution System Valves (Page W-25)

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

An internal audit showed that the hydrant count needed to be adjusted between Milwaukee and the suburbs.

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 egenerally 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.

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	11/05/2021	1
Wholesale Meter	6	N 124TH ST-BUTLER 2	Magnetic	11/05/2021	2
Wholesale Meter	8	N 124TH ST-MENOMONEE FALLS 1	Magnetic	11/17/2021	3
Wholesale Meter	8	N 124TH ST-MENOMONEE FALLS 2	Magnetic	11/17/2021	4
Wholesale Meter	8	N 76TH ST-MEQUON 1	Magnetic	11/09/2021	5
Wholesale Meter	8	N 76TH ST-MEQUON 2	Magnetic	11/09/2021	6
Wholesale Meter	8	N BLANCHARD ST- WAUWATOSA 2	Magnetic	11/08/2021	7
Wholesale Meter	8	N DOWNER-SHOREWOOD 1	Magnetic	11/09/2021	8
Wholesale Meter	8	N DOWNER-SHOREWOOD 2	Magnetic	11/09/2021	9
Wholesale Meter	8	W BLANCHARD ST- WAUWATOSA 1	Magnetic	11/08/2021	10
Wholesale Meter	8	W BRADLEY RD-BROWN DEER 1	Magnetic	11/16/2021	11
Wholesale Meter	8	W BRADLEY RD-BROWN DEER 2	Magnetic	11/16/2021	12
Wholesale Meter	8	W Calumet-Brown Deer 1	Magnetic	11/16/2021	13
Wholesale Meter	8	W CALUMET-BROWN DEER 2	Magnetic	11/16/2021	14
Wholesale Meter	8	W CRAWFORD ST-NEW BERLIN 1	Magnetic	11/16/2021	15
Wholesale Meter	8	W CRAWFORD ST-NEW BERLIN 2	Magnetic	11/16/2021	16
Wholesale Meter	8	W EDGERTON AVE- GREENDALE 1	Magnetic	11/05/2021	17
Wholesale Meter	8	W EDGERTON AVE- GREENDALE 2	Magnetic	11/05/2021	18
Wholesale Meter	8	W GRANGE AVE-NEW BERLIN 1	Magnetic	11/16/2021	19
Wholesale Meter	8	W GRANGE AVE-NEW BERLIN 2	Magnetic	11/16/2021	20
Wholesale Meter	8	W NORTH AVE 1	Magnetic	11/18/2021	21
Wholesale Meter	8	W NORTH AVE 2	Magnetic	11/18/2021	22
Wholesale Meter	8	W OAKLAND AVE-SHOREWOOD 1	Turbine	11/10/2021	23
Wholesale Meter	10	N 124TH ST-MENOMONEE FALLS 1	Magnetic	11/17/2021	24
Wholesale Meter	10	N 124TH ST-MENOMONEE FALLS 2	Magnetic	11/17/2021	25
Wholesale Meter	10	N GLENVIEW-WAUWATOSA 1	Magnetic	11/10/2021	26
Wholesale Meter	10	N GLENVIEW-WAUWATOSA 2	Magnetic	11/10/2021	27
Wholesale Meter	10	W COLLEGE AVE-GREENDALE 1	Magnetic	11/05/2021	28
Wholesale Meter	10	W EDGERTON AVE- GREENDALE 1	Magnetic	11/05/2021	29
Wholesale Meter	10	W NATIONAL AVE-WEST ALLIS 1	Magnetic	06/25/2021	30
Wholesale Meter	10	W NATIONAL AVE-WEST ALLIS 2	Magnetic	07/02/2021	31

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.

Wholesale Meter	10	W PIERCE ST-WEST ALLIS 1	Magnetic	07/02/2021	32
Wholesale Meter	10	W PIERCE ST-WEST ALLIS 2	Magnetic	07/02/2021	33
Wholesale Meter	12	W CLARKE ST-WAUWATOSA 1	Magnetic	11/10/2021	34
Wholesale Meter	12	W CLARKE ST-WAUWATOSA 2	Magnetic	11/10/2021	35
Wholesale Meter	12	WISCONSIN AVE-MILW COUNTY 1	Turbine	11/16/2021	36
Wholesale Meter	12	WISCONSIN AVE-MILW COUNTY 2	Turbine	11/16/2021	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)	
Administrative and General Expenses				1
Program Administration	0	0	0	2
Customer Outreach & Education	0	0	0	3
Other Program Costs	0	0	0	4
Total Administrative and General Expenses	0	0	0	5
Customer Incentives				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
Total Customer Incentives	0	0	0	18
TOTAL CONSERVATION	0	0	0	19

Water Customers Served

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

Municipality (a)	Customers End of Year (b)	
Greenfield (City)	10,622	1
Hales Corners (Village)	1,246	2
Milwaukee (City) **	145,406	3
Saint Francis (City)	2,592	4
West Milwaukee (Village)	1,072	5
Total - Milwaukee County	160,938	6
Total - Customers Served	160,938	7
Total - Outside Muni Boundary	15,532	8
Total - Within Muni Boundary **	145,406	9

** = *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)	0			1
Copper	0.375	2	1			3			2
Lead	0.500	169			(40)	129			3
Copper	0.500	6			33	39			4
Lead	0.625	5,772			(620)	5,152			5
Copper	0.625	589			(16)	573			6
Lead	0.750	36,265		74	(1,888)	34,303			7
Copper	0.750	35,082	1		(99)	34,984			8
Ductile Iron, Lined (late 1960's to present)	1.000	2			42	44			9
Lead	1.000	31,479		58	(605)	30,816			10
Copper	1.000	34,431	475		2,303	37,209			11
Lead	1.250	336			(17)	319			12
Copper	1.250	6,013	2		(655)	5,360			13
Lead	1.500	84			(1)	83			14
Copper	1.500	3,245	39		722	4,006			15
Ductile Iron, Lined (late 1960's to present)	2.000	12			(5)	7			16
Lead	2.000	11			1	12			17
Copper	2.000	3,516	4		24	3,544			18
Unlined Cast Iron (pre-early 1950's)	2.000	930			(94)	836			19
Ductile Iron, Lined (late 1960's to present)	3.000	309	1		(279)	31			20
Unlined Cast Iron (pre-early 1950's)	3.000	886			145	1,031			21
Ductile Iron, Lined (late 1960's to present)	4.000	1,014	2		(816)	200			22
Unlined Cast Iron (pre-early 1950's)	4.000	1,021			607	1,628			23
Ductile Iron, Lined (late 1960's to present)	6.000	1,784	5	1	(1,036)	752			24
Copper	6.000	14	13		34	61			25
Unlined Cast Iron (pre-early 1950's)	6.000	757			822	1,579			26
Ductile Iron, Lined (late 1960's to present)	8.000	949	2		(658)	293			27
Copper	8.000	2	10		20	32			28
Unlined Cast Iron (pre-early 1950's)	8.000	105			582	687			29
Ductile Iron, Lined (late 1960's to present)	10.000	73	1		(58)	16			30

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.

Unlined Cast Iron (pre-early 1950's)	10.000	1		52	53		31
Ductile Iron, Lined (late 1960's to present)	12.000	77		(50)	27		32
Unlined Cast Iron (pre-early 1950's)	12.000	9		45	54		33
Ductile Iron, Lined (late 1960's to present)	16.000	10			10		34
Unlined Cast Iron (pre-early 1950's)	16.000	2			2		35
Utility Total		164,959	556	133	(1,507)	163,875	36

Water Residential Customer Data – Disconnection, Arrears, and Tax Roll

- g For disconnection notices sent to residential customers for non-payment, report only the 10-day disconnection notice (e.g., printed on bill, separate mailed notice, etc.) for residential customers, and do not count subsequent reminders, such as 5-day notices, door tags or other personal contact attempts.
- g For residential customers, include any account that includes a service being used primarily for residential living, including multifamily residential.
- g For residential arrears, include billed amounts past due and unpaid.

	Description (a)	Amount (b)
Disconnections		
1.	Total number of disconnection notices sent to residential customers for non-payment during the year	82,583
2.	Total number of residential disconnections of service performed for non-payment during the year	0
Arrears		
1.	Total number of residential customers with arrears as of December 31	28,870
2.	Total dollar amount of residential customer arrears as of December 31	4,296,758
Tax Roll		
1.	Total number of residential customers with arrears placed on the tax roll	15,551
2.	Total dollar amount of residential arrears placed on the tax roll	7,684,327
	Footnotes	No