



3013 (02-05-09)

**ANNUAL REPORT**

OF

**Name:** MILWAUKEE WATER WORKSPrincipal Office: 841 N. BROADWAY ROOM 409  
MILWAUKEE, WI 53202-3687

For the Year Ended: DECEMBER 31, 2008

**WATER, ELECTRIC, OR JOINT UTILITY  
TO  
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854  
Madison, WI 53707-7854  
(608) 266-3766

*This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.*

## GENERAL RULES FOR REPORTING

1. Prepare the report in conformity with the Uniform System of Accounts prescribed by the Public Service Commission of Wisconsin.
2. Numeric items shall contain digits (0-9). A minus sign "-" shall be entered in the software program to indicate negative values. Parentheses shall not be used for numeric items. The program will convert the minus sign to parentheses for hard copy annual report purposes. Negative values may not be allowed for certain entries in the annual report due to restrictions contained in the software program.
3. The annual report should be complete in itself in all particulars. Reference to reports of former years should not be made to take the place of required entries except as otherwise specifically authorized.
4. Whenever schedules call for data from the previous year, the data reported must be based upon those shown by the annual report of the previous year or an appropriate explanation given why different data is being reported for the current year. Where available, use an adjustment column.
5. All dollar amounts will be reported in whole dollars.
6. Wherever information is required to be shown as text, the information shall be shown in the space provided using other than account titles. In each case, the information shall be properly identified. Footnote capability is included in the annual report software program and shall be utilized where necessary to further explain particulars of a schedule.

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## SIGNATURE PAGE

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I MENBERE MEDHIN of  
(Person responsible for accounts)

MILWAUKEE WATER WORKS, certify that I  
(Utility Name)

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.

\_\_\_\_\_  
(Signature of person responsible for accounts)      03/31/2009  
(Date)

WATER ACCOUNTING MANAGER  
(Title)

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## IDENTIFICATION AND OWNERSHIP

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**Exact Utility Name:** MILWAUKEE WATER WORKS  
**Utility Address:** 841 N. BROADWAY ROOM 409  
MILWAUKEE, WI 53202-3687

**When was utility organized?** 4/18/1871  
**Report any change in name:**  
**Effective Date:**  
**Utility Web Site:** www.mpw.net

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

**Name:** TIM IGNATOWSKI  
**Title:** ACCOUNTANT III  
**Office Address:**  
841 NORTH BROADWAY RM 409  
MILWAUKEE, WI 53202-3687

**Telephone:** (414) 286 - 2435  
**Fax Number:** (414) 286 - 0531  
**Email Address:** timothy.ignatowski@milwaukee.gov

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

**Name:** JEFFREY MANTES  
**Title:** COMMISSIONER OF PUBLIC WORKS  
**Office Address:**  
841 N BROADWAY - ROOM 516  
MILWAUKEE, WI 53202

**Telephone:**  
**Fax Number:**  
**Email Address:** jeffrey.mantes@milwaukee.gov

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**Are records of utility audited by individuals or firms, other than utility employee?** YES

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

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**Name:** JEFFREY MARKERT  
**Title:** PARTNER  
**Office Address:** KPMG  
777 E. WISCONSIN AVE  
MILWAUKEE, WI 53202

**Telephone:** (312) 665 - 5306  
**Fax Number:**  
**Email Address:** jmarkert@kpmg.com  
**Date of most recent audit report:** 7/30/2008  
**Period covered by most recent audit:** 2007

### IDENTIFICATION AND OWNERSHIP

**Names and titles of utility management including manager or superintendent:**

**Name:** CARRIE LEWIS

**Title:** SUPERINTENDENT

**Office Address:**

841 N BROADWAY - ROOM 409  
MILWAUKEE, WI 53202-3687

**Telephone:** (414) 286 - 2801

**Fax Number:** (414) 286 - 2672

**Email Address:** carrie.lewis@milwaukee.gov

**Name of utility commission/committee:** PUBLIC WORKS COMMITTEE

**Names of members of utility commission/committee:**

MR ROBERT J BAUMAN, ALDERMAN

MR ROBERT G DONOVAN, ALDERMAN

MR JOSEPH A DUDZIK, ALDERMAN

MR ROBERT W PUENTE, ALDERMAN

MR WILLE C WADE, ALDERMAN

**Is sewer service rendered by the utility?** NO

**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes?** NO

**Date of Ordinance:** [REDACTED]

**Are any of the utility 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., operation of water or sewer treatment plant)?** NO

**Provide the following information regarding the provider(s) of contract services:**

**Firm Name:**

**Contact Person:**

**Title:**

**Telephone:**

**Fax Number:**

**Email Address:**

**Contract/Agreement beginning-ending dates:**

**Provide a brief description of the nature of Contract Operations being provided:**

## INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	68,699,100	67,996,727	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	46,125,116	43,688,789	2
Depreciation Expense (403)	10,371,144	10,196,554	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	9,471,090	8,624,472	5
<b>Total Operating Expenses</b>	<b>65,967,350</b>	<b>62,509,815</b>	
<b>Net Operating Income</b>	<b>2,731,750</b>	<b>5,486,912</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	6
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	186,007	249,496	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	669,909	1,707,141	10
Miscellaneous Nonoperating Income (421)	710,576	2,178,361	11
<b>Total Other Income</b>	<b>1,566,492</b>	<b>4,134,998</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	(811,326)	(811,326)	12
Other Income Deductions (426)	1,263,780	1,127,792	13
<b>Total Miscellaneous Income Deductions</b>	<b>452,454</b>	<b>316,466</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	280,167	303,495	14
Amortization of Debt Discount and Expense (428)	0	0	15
Amortization of Premium on Debt--Cr. (429)	0	0	16
Interest on Debt to Municipality (430)	901,065	1,070,240	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	0	0	19
<b>Total Interest Charges</b>	<b>1,181,232</b>	<b>1,373,735</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	374,246,173	366,317,011	20
Balance Transferred from Income (433)	2,664,556	7,931,709	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	258,012	2,547	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
<b>Total Unappropriated Earned Surplus End of Year (216)</b>	<b>376,652,717</b>	<b>374,246,173</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. 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.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>UTILITY OPERATING INCOME</b>				
<b>Operating Revenues (400):</b>				
Derived	68,699,100	0	68,699,100	1
<b>Total (Acct. 400):</b>	<b>68,699,100</b>	<b>0</b>	<b>68,699,100</b>	
<b>Operation and Maintenance Expense (401-402):</b>				
Derived	46,125,116	0	46,125,116	2
<b>Total (Acct. 401-402):</b>	<b>46,125,116</b>	<b>0</b>	<b>46,125,116</b>	
<b>Depreciation Expense (403):</b>				
Derived	10,371,144	0	10,371,144	3
<b>Total (Acct. 403):</b>	<b>10,371,144</b>	<b>0</b>	<b>10,371,144</b>	
<b>Amortization Expense (404-407):</b>				
Derived	0	0	0	4
<b>Total (Acct. 404-407):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Taxes (408):</b>				
Derived	9,471,090	0	9,471,090	5
<b>Total (Acct. 408):</b>	<b>9,471,090</b>	<b>0</b>	<b>9,471,090</b>	
<b>Revenues from Utility Plant Leased to Others (412):</b>				
NONE			0	6
<b>Total (Acct. 412):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>				
NONE			0	7
<b>Total (Acct. 413):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL UTILITY OPERATING INCOME:</b>	<b>2,731,750</b>	<b>0</b>	<b>2,731,750</b>	
<b>OTHER INCOME</b>				
<b>Income from Merchandising, Jobbing and Contract Work (415-416):</b>				
Derived	186,007	0	186,007	8
<b>Total (Acct. 415-416):</b>	<b>186,007</b>	<b>0</b>	<b>186,007</b>	
<b>Income from Nonutility Operations (417):</b>				
NONE			0	9
<b>Total (Acct. 417):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>				
NONE			0	10
<b>Total (Acct. 418):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Interest and Dividend Income (419):</b>				
LGIP AND CD	669,909		669,909	11
<b>Total (Acct. 419):</b>	<b>669,909</b>	<b>0</b>	<b>669,909</b>	
<b>Miscellaneous Nonoperating Income (421):</b>				
Contributed Plant - Water		710,576	710,576	12
<b>Total (Acct. 421):</b>	<b>0</b>	<b>710,576</b>	<b>710,576</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. 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.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>OTHER INCOME</b>				
Miscellaneous Nonoperating Incoms (421):				
NONE			0	13
<b>Total (Acct. 421):</b>	0	0	0	
<b>TOTAL OTHER INCOME:</b>	<b>855,916</b>	<b>710,576</b>	<b>1,566,492</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
Miscellaneous Amortization (425):				
Regulatory Liability (253) Amortization	(811,326)	0	(811,326)	14
NONE			0	15
<b>Total (Acct. 425):</b>	<b>(811,326)</b>	<b>0</b>	<b>(811,326)</b>	
Other Income Deductions (426):				
Depreciation Expense on Contributed Plant - Water	0	1,011,980	1,011,980	16
<b>Total (Acct. 426):</b>	<b>0</b>	<b>1,011,980</b>	<b>1,011,980</b>	
Other Income Deductions (426):				
MAINTENANCE & NONUTILITY PLANT DEPRECIATION	251,800		251,800	17
<b>Total (Acct. 426):</b>	<b>251,800</b>	<b>0</b>	<b>251,800</b>	
<b>TOTAL MISCELLANEOUS INCOME DEDUCTIONS:</b>	<b>(569,526)</b>	<b>1,011,980</b>	<b>452,454</b>	
<b>INTEREST CHARGES</b>				
Interest on Long-Term Debt (427):				
Derived	280,167	0	280,167	18
<b>Total (Acct. 427):</b>	<b>280,167</b>	<b>0</b>	<b>280,167</b>	
Amortization of Debt Discount and Expense (428):				
NONE			0	19
<b>Total (Acct. 428):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Amortization of Premium on Debt--Cr. (429):				
NONE			0	20
<b>Total (Acct. 429):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Interest on Debt to Municipality (430):				
Derived	901,065	0	901,065	21
<b>Total (Acct. 430):</b>	<b>901,065</b>	<b>0</b>	<b>901,065</b>	
Other Interest Expense (431):				
Derived	0	0	0	22
<b>Total (Acct. 431):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Interest Charged to Construction--Cr. (432):				
NONE			0	23
<b>Total (Acct. 432):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL INTEREST CHARGES:</b>	<b>1,181,232</b>	<b>0</b>	<b>1,181,232</b>	
<b>NET INCOME:</b>	<b>2,965,960</b>	<b>(301,404)</b>	<b>2,664,556</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

1. 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.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>EARNED SURPLUS</b>				
<b>Unappropriated Earned Surplus (Beginning of Year) (216):</b>				
Derived	311,638,657	62,607,516	374,246,173	24
<b>Total (Acct. 216):</b>	<b>311,638,657</b>	<b>62,607,516</b>	<b>374,246,173</b>	
<b>Balance Transferred from Income (433):</b>				
Derived	2,965,960	(301,404)	2,664,556	25
<b>Total (Acct. 433):</b>	<b>2,965,960</b>	<b>(301,404)</b>	<b>2,664,556</b>	
<b>Miscellaneous Credits to Surplus (434):</b>				
NONE			0	26
<b>Total (Acct. 434):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Miscellaneous Debits to Surplus--Debit (435):</b>				
EMPLOYEE RELATIONS ADMINISTRATION CHARGE FOR 2007	258,012		258,012	* 27
<b>Total (Acct. 435)--Debit:</b>	<b>258,012</b>	<b>0</b>	<b>258,012</b>	
<b>Appropriations of Surplus--Debit (436):</b>				
Detail appropriations to (from) account 215			0	28
<b>Total (Acct. 436)--Debit:</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Appropriations of Income to Municipal Funds--Debit (439):</b>				
NONE			0	29
<b>Total (Acct. 439)--Debit:</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>UNAPPROPRIATED EARNED SURPLUS (END OF YEAR):</b>	<b>314,346,605</b>	<b>62,306,112</b>	<b>376,652,717</b>	

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## DETAILS OF INCOME STATEMENT ACCOUNTS

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**Details of Income Statement Accounts (Page F-02)**

**If amount of Miscellaneous Debits to Surplus (Acct 435) exceeds \$10,000, please explain fully.**

**The administration charge for 2007 was received from the Department of Employee Relations after the 2007 PSC Annual Report was filed.**

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**INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)**

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	355,941				355,941	1
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold					0	2
Payroll	78,086				78,086	3
Materials	91,848				91,848	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
<b>Total costs and expenses</b>	<b>169,934</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>169,934</b>	
<b>Net income (or loss)</b>	<b>186,007</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>186,007</b>	



**DISTRIBUTION OF TOTAL PAYROLL**

1. Amounts charged to Utility Financed and to Contributed Plant accounts should be combined and reported in plant or accumulated depreciation accounts.
2. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
3. 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.
4. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	15,820,375	0	15,820,375	1
Electric operating expenses	0	0	0	2
Gas operating expenses	0	0	0	3
Heating operating expenses	0	0	0	4
Sewer operating expenses	0	0	0	5
Merchandising and jobbing	78,086	0	78,086	6
Other nonutility expenses	12,300	0	12,300	7
Water utility plant accounts	1,443,988	0	1,443,988	8
Electric utility plant accounts	0	0	0	9
Gas utility plant accounts	0	0	0	10
Heating utility plant accounts	0	0	0	11
Sewer utility plant accounts	0	0	0	12
Accum. prov. for depreciation of water plant	0	0	0	13
Accum. prov. for depreciation of electric plant	0	0	0	14
Accum. prov. for depreciation of gas plant	0	0	0	15
Accum. prov. for depreciation of heating plant	0	0	0	16
Accum. prov. for depreciation of sewer plant	0	0	0	17
Clearing accounts	0	0	0	18
All other accounts	0	0	0	19
<b>Total Payroll</b>	<b>17,354,749</b>	<b>0</b>	<b>17,354,749</b>	

**FULL-TIME EMPLOYEES (FTE)**

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 tenth. If an employee works part time for more than one industry then determine FTE based on estimate of hours worked per industry.

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 .4 for electric, .3 for water and .2 for sewer.

Industry (a)	FTE (b)	
Water	314.0	1
Electric		2
Gas		3
Sewer		4

**BALANCE SHEET**

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>UTILITY PLANT</b>			
Utility Plant (101)	566,082,963	554,143,089	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	187,892,964	179,722,635	2
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
<b>Total Net Utility Plant</b>	<b>378,189,999</b>	<b>374,420,454</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	6,164,237	5,603,586	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	783,405	2,926,193	6
<b>Net Nonutility Property</b>	<b>5,380,832</b>	<b>2,677,393</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Sinking Funds (125)	0		9
Depreciation Fund (126)	0		10
Other Special Funds (128)	0		11
<b>Total Other Property and Investments</b>	<b>5,380,832</b>	<b>2,677,393</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash (131)	488,780	613,288	12
Special Deposits (134)	19,060,428	28,566,137	13
Working Funds (135)	2,900	2,900	14
Temporary Cash Investments (136)			15
Notes Receivable (141)	0	0	16
Customer Accounts Receivable (142)	13,602,980	12,599,871	17
Other Accounts Receivable (143)	0	0	18
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	19
Receivables from Municipality (145)	0	0	20
Plant Materials and Operating Supplies (154)	2,330,995	2,345,026	21
Merchandise (155)	0	0	22
Other Materials and Supplies (156)	0	0	23
Stores Expense (163)	0	0	24
Prepayments (165)	3,286,937	3,897,702	25
Interest and Dividends Receivable (171)	34,331	131,354	26
Accrued Utility Revenues (173)	9,667,942	9,769,917	27
Miscellaneous Current and Accrued Assets (174)			28
<b>Total Current and Accrued Assets</b>	<b>48,475,293</b>	<b>57,926,195</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	0	0	29
Extraordinary Property Losses (182)	0		30
Preliminary Survey and Investigation Charges (183)	0		31
Clearing Accounts (184)	0		32
Temporary Facilities (185)	0		33
Miscellaneous Deferred Debits (186)	285,631	103,166	34
<b>Total Deferred Debits</b>	<b>285,631</b>	<b>103,166</b>	
<b>Total Assets and Other Debits</b>	<b>432,331,756</b>	<b>435,127,208</b>	

**BALANCE SHEET**

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>PROPRIETARY CAPITAL</b>			
Capital Paid in by Municipality (200)	800,082	800,082	35
Appropriated Earned Surplus (215)			36
Unappropriated Earned Surplus (216)	376,652,717	374,246,173	37
<b>Total Proprietary Capital</b>	<b>377,452,799</b>	<b>375,046,255</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221)	10,315,301	11,206,602	38
Advances from Municipality (223)	17,444,433	20,319,203	39
Other Long-Term Debt (224)	0	0	40
<b>Total Long-Term Debt</b>	<b>27,759,734</b>	<b>31,525,805</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	41
Accounts Payable (232)	2,984,921	2,117,646	42
Payables to Municipality (233)	6,514,434	8,634,264	43
Customer Deposits (235)			44
Taxes Accrued (236)	0	0	45
Interest Accrued (237)	313,234	345,337	46
Tax Collections Payable (241)			47
Miscellaneous Current and Accrued Liabilities (242)	5,136,748	4,476,690	48
<b>Total Current and Accrued Liabilities</b>	<b>14,949,337</b>	<b>15,573,937</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0	0	49
Customer Advances for Construction (252)			50
Other Deferred Credits (253)	12,169,885	12,981,211	51
<b>Total Deferred Credits</b>	<b>12,169,885</b>	<b>12,981,211</b>	
<b>OPERATING RESERVES</b>			
Property Insurance Reserve (261)			52
Injuries and Damages Reserve (262)			53
Pensions and Benefits Reserve (263)			54
Miscellaneous Operating Reserves (265)			55
<b>Total Operating Reserves</b>	<b>0</b>	<b>0</b>	
<b>Total Liabilities and Other Credits</b>	<b>432,331,755</b>	<b>435,127,208</b>	

## NET UTILITY PLANT

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)	Sewer (c)	Gas (d)	Electric (e)	
<b>First of Year:</b>					
Total Utility Plant - First of Year	554,143,089	0	0	0	1
<i>(Should agree with Util. Plant Jan. 1 in Property Tax Equivalent Schedule)</i>					
<b>Plant Accounts:</b>					
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	462,025,148	0	0	0	2
Utility Plant in Service - Contributed Plant (101.2)	81,905,982	0	0	0	3
Utility Plant Purchased or Sold (102)					4
Utility Plant Leased to Others (104)					5
Property Held for Future Use (105)					6
Completed Construction not Classified (106)					7
Construction Work in Progress (107)	22,151,833				8
<b>Total Utility Plant</b>	<b>566,082,963</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Accumulated Provision for Depreciation and Amortization:</b>					
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	168,220,371	0	0	0	9
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	19,672,593	0	0	0	10
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					11
Accumulated Provision for Depreciation of Property Held for Future Use (113)					12
Accumulated Provision for Amortization of Utility Plant in Service (114)					13
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					14
Accumulated Provision for Amortization of Property Held for Future Use (116)					15
<b>Total Accumulated Provision</b>	<b>187,892,964</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Other Utility Plant Accounts:</b>					
Utility Plant Acquisition Adjustments (117)					16
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					17
Other Utility Plant Adjustments (119)					18
<b>Total Other Utility Plant Accounts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>378,189,999</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT  
ON UTILITY PLANT FINANCED BY UTILITY OPERATION  
OR BY THE MUNICIPALITY (ACCT. 111.1)**

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

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. 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.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year (111.1)	160,560,296				160,560,296	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged depreciation expense (403)	10,371,144				10,371,144	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	1,733,978				1,733,978	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	156,278				156,278	10
Other credits (specify):						11
					0	12
					0	13
					0	14
					0	15
<b>Total credits</b>	<b>12,261,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,261,400</b>	<b>16</b>
<b>Debits during year</b>						<b>17</b>
Book cost of plant retired	4,468,678				4,468,678	18
Cost of removal	132,647				132,647	19
Other debits (specify):						20
					0	21
					0	22
					0	23
					0	24
<b>Total debits</b>	<b>4,801,325</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,801,325</b>	<b>25</b>
<b>Balance end of year (111.1)</b>	<b>168,220,371</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>168,220,371</b>	<b>26</b>
Footnotes						27

**ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT  
ON CONTRIBUTED PLANT IN SERVICE  
(ACCT. 111.2)**

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

1. Report the amounts charged in the operating sections to Other Income Deductions (426).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. 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.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
<b>Balance first of year (111.2)</b>	19,162,339				<b>19,162,339</b>	<b>1</b>
<b>Credits During Year</b>						<b>2</b>
<b>Accruals:</b>						<b>3</b>
Charged Other Income Deductions (426)	1,011,980				<b>1,011,980</b>	<b>4</b>
Depreciation expense on meters						<b>5</b>
charged to sewer (see Note 3)					0	<b>6</b>
Accruals charged other						<b>7</b>
accounts (specify):						<b>8</b>
					0	<b>9</b>
Salvage	44,095				<b>44,095</b>	<b>10</b>
Other credits (specify):						<b>11</b>
					0	<b>12</b>
					0	<b>13</b>
					0	<b>14</b>
					0	<b>15</b>
<b>Total credits</b>	<b>1,056,075</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,056,075</b>	<b>16</b>
<b>Debits during year</b>						<b>17</b>
Book cost of plant retired	524,276				<b>524,276</b>	<b>18</b>
Cost of removal	21,545				<b>21,545</b>	<b>19</b>
Other debits (specify):						<b>20</b>
					0	<b>21</b>
					0	<b>22</b>
					0	<b>23</b>
					0	<b>24</b>
<b>Total debits</b>	<b>545,821</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>545,821</b>	<b>25</b>
<b>Balance end of year (111.2)</b>	<b>19,672,593</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,672,593</b>	<b>26</b>
<b>Footnotes</b>						<b>27</b>

**NET NONUTILITY PROPERTY (ACCTS. 121 & 122)**

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. 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 Park Structures & Improvements	16,480		2,507	13,973	2
Kilbourn Park Equipment	8,320		8,320	0	3
Land - Howard Treatment Plant	338,960			338,960	4
Riverside Park Equipment	11,238		11,238	0	5
RIVERSIDE PARK - STRUCT & IMPROVE	17,708		17,708	0	6
North Point Tower	53,239			53,239	7
North Point Parks - Struc. & Improvem.	65,728			65,728	8
Land - Bluemound Tank Site	6,759			6,759	9
Land - Florist Station	21,867			21,867	10
KILBOURN BOOSTER - BLDGS & FIX	71,738			71,738	11
KILBOURN BOOSTER - PUMP EQUIP	234,678			234,678	12
KILBOURN BOOSTER - TRANS MAINS	53,915			53,915	13
KILBOURN RESERVOIR - LAND	26,056			26,056	14
KILBOURN RESERVOIR - IMP TO GRNDS	127,266		127,266	0	15
KILBOURN RESERVOIR - RESERVOIR	1,796,929		1,796,929	0	16
KILBOURN SERVICE BLDG - IMP GRNDS	13,099			13,099	17
KILBOURN SERVICE BLDG - EQUIPMENT	104,730			104,730	18
KILBOURN SERVICE BLDG - BLDGS & FIX	49,969			49,969	19
CAMERON - LAND	86,498			86,498	20
CAMERON - IMPROV TO GROUNDS	190,494			190,494	21
CAMERON - BUILDINGS	540,351			540,351	22
LINCOLN - BUILDINGS	1,238,952			1,238,952	23
LINCOLN PIPE YARD - LAND	174,729			174,729	24
LINCOLN PIPE YARD - IMPROV GROUNDS	353,883			353,883	25
KILBOURN RESERVOIR PARK		2,524,619		2,524,619	* 26
<b>Total Nonutility Property (121)</b>	<b>5,603,586</b>	<b>2,524,619</b>	<b>1,963,968</b>	<b>6,164,237</b>	
Less accum. prov. depr. & amort. (122)	2,926,193	193,421	2,336,209	783,405	27
<b>Net Nonutility Property</b>	<b>2,677,393</b>	<b>2,331,198</b>	<b>(372,241)</b>	<b>5,380,832</b>	

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## NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

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### Net Nonutility Property (Accts. 121 & 122) (Page F-11)

#### General footnotes

Kilbourn Reservoir Park - The Kilbourn Reservoir was decommissioned in 2005. The new Kilbourn Reservoir Park, created with the removal of the 135 year old underground drinking water reservoir, provides a green urban retreat in the Riverwest area of Milwaukee.

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**MATERIALS AND SUPPLIES**

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

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	2,330,995	2,345,026	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
<b>Total Materials and Supplies</b>	<b>2,330,995</b>	<b>2,345,026</b>	

**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.

Particulars (a)	Amount (b)	
Balance first of year	800,082	1
Changes during year (explain):		
NONE		2
<b>Balance end of year</b>	<b>800,082</b>	

**BONDS (ACCT. 221)**

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
SDW - 1ST ISSUE	12/22/1998	05/01/2018	2.63%	2,862,746	1
SDW - 2ND ISSUE	03/24/1999	05/01/2018	2.63%	950,623	2
SDW - 3RD ISSUE	04/14/1999	05/01/2018	2.63%	2,937,889	3
SDW - 4TH ISSUE	08/11/1999	05/01/2018	2.63%	2,436,932	4
SDW - 5TH ISSUE	12/22/1999	05/01/2018	2.63%	1,127,111	5
<b>Total Bonds (Account 221):</b>				<b>10,315,301</b>	

## NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
<b>Advances from Municipality (223)</b>					
SERIES N9 - REFUNDING C AND D	12/05/2006	12/15/2015	4.25%	114,756	1
SERIES REFUNDING - C,D,F,G,J,K	10/15/2002	09/01/2016	3.95%	14,831,933	2
SERIES REFUNDING - E	06/13/2001	08/15/2019	4.49%	1,827,852	3
SERIES REFUNDING - C AND D	01/23/1996	02/01/2015	5.82%	669,892	4
<b>Total for Account 223</b>				<b>17,444,433</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	00/00/0000	00/00/0000	0.00%		5
<b>Total for Account 224</b>				<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	00/00/0000	00/00/0000	0.00%		6
<b>Total for Account 231</b>				<b>0</b>	

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	0	1
<b>Accruals:</b>		
Charged water department expense	9,471,090	2
Charged electric department expense		3
Charged sewer department expense		4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<b>9,471,090</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes	8,293,377	6
Social Security taxes	1,118,976	7
PSC Remainder Assessment	58,737	8
<b>Other (explain):</b>		
NONE		9
<b>Total payments and other debits</b>	<b>9,471,090</b>	
<b>Balance end of year</b>	<b>0</b>	

**INTEREST ACCRUED (ACCT. 237)**

1. Report below interest accrued on each utility obligation.  
2. Report Customer Deposits under Account 235.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
<b>Bonds (221)</b>					
	0			0	1
SDW - 1ST ISSUE	13,684	77,753	78,841	12,596	2
SDW - 2 ND ISSUE	4,544	25,819	26,181	4,182	3
SDW - 3 RD ISSUE	14,044	79,794	80,911	12,927	4
SDW - 4 TH ISSUE	11,649	66,188	67,114	10,723	5
SDW - 5 TH ISSUE	5,388	30,613	31,042	4,959	6
<b>Subtotal</b>	<b>49,309</b>	<b>280,167</b>	<b>284,089</b>	<b>45,387</b>	
<b>Advances from Municipality (223)</b>					
SERIES REFUNDING - E	4,308	94,104	94,818	3,594	7
SERIES K - REFUNDED	2,505	27,553	30,058	0	8
SERIES 2006, N9 REFUNDING	1,831	4,882	4,882	1,831	9
SERIES REFUNDING - C AND D	29,629	42,770	55,651	16,748	10
SERIES REFUNDING - C,D,F,G,J,K	257,755	731,756	743,837	245,674	11
<b>Subtotal</b>	<b>296,028</b>	<b>901,065</b>	<b>929,246</b>	<b>267,847</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			0	12
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	0			0	13
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>345,337</b>	<b>1,181,232</b>	<b>1,213,335</b>	<b>313,234</b>	

## DETAIL OF OTHER BALANCE SHEET 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.

Particulars (a)	Balance End of Year (b)	
<b>Investment in Municipality (123):</b>		
NONE		1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
NONE		2
<b>Total (Acct. 124):</b>	<b>0</b>	
<b>Sinking Funds (125):</b>		
NONE		3
<b>Total (Acct. 125):</b>	<b>0</b>	
<b>Depreciation Fund (126):</b>		
NONE		4
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
NONE		5
<b>Total (Acct. 128):</b>	<b>0</b>	
<b>Special Deposits (134):</b>		
INVESTMENTS	19,060,428	6
<b>Total (Acct. 134):</b>	<b>19,060,428</b>	
<b>Notes Receivable (141):</b>		
NONE		7
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	13,325,508	8
Electric		9
Sewer (Regulated)		10
<b>Other (specify):</b>		
SUNDRY BILLS	277,472	11
<b>Total (Acct. 142):</b>	<b>13,602,980</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		12
Merchandising, jobbing and contract work		13
<b>Other (specify):</b>		
NONE		14
<b>Total (Acct. 143):</b>	<b>0</b>	
<b>Receivables from Municipality (145):</b>		
NONE		15
<b>Total (Acct. 145):</b>	<b>0</b>	
<b>Prepayments (165):</b>		
2009 DEBT SERVICE TRANSFER	2,839,636	* 16
ENQUESTA BILLING SYSTEM MAINTENANCE	380,724	17

## DETAIL OF OTHER BALANCE SHEET 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.

Particulars (a)	Balance End of Year (b)	
<b>Prepayments (165):</b>		
POSTAGE	39,072	18
AWWA DUES	27,505	19
<b>Total (Acct. 165):</b>	<b>3,286,937</b>	
<b>Extraordinary Property Losses (182):</b>		
NONE		20
<b>Total (Acct. 182):</b>	<b>0</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
NONE		21
<b>Total (Acct. 183):</b>	<b>0</b>	
<b>Clearing Accounts (184):</b>		
NONE		22
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE		23
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
DEVELOPER PROJECTS	285,631	* 24
<b>Total (Acct. 186):</b>	<b>285,631</b>	
<b>Payables to Municipality (233):</b>		
DUE TO CITY GENERAL FUND - 01	5,443,908	* 25
DUE TO SEWER TREATMENT FUND - 46	533,817	* 26
DUE TO SEWER MAINTENANCE FUND - 49	536,709	* 27
<b>Total (Acct. 233):</b>	<b>6,514,434</b>	
<b>Other Deferred Credits (253):</b>		
Regulatory Liability	12,169,885	28
NONE		29
<b>Total (Acct. 253):</b>	<b>12,169,885</b>	

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## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

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

#### General footnotes

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

**Miscellaneous Deferred Debits (Acct 186):** amortization requires PSC authorization. Provide date of authorization.

These deferred debits consist of charges for materials and inspection of land developer projects. Land developer additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved 6/30/62, and ordinance 679, File 63-225-a, approved 3/5/64.

Please explain amounts in Accounts 143, 145 and/or 233 in excess of \$10,000, providing a short list or detail using other than terms such as "other revenues" "general" "miscellaneous" or repeating the account title.

PSC 233 - Payables to Municipality

Fund 01 is the General Fund of the City of Milwaukee. Every pay period, the City Comptroller estimates how much of the Milwaukee Water Works revenue received during the period should be invested for the Water Works 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. This Fund also accounts for the solid waste and snow/ice revenue collection.

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

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## RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. 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.
3. Note: 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.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
<b>Add Average:</b>						
Utility Plant in Service (101.1)	455,513,522	0	0	0	455,513,522	1
Materials and Supplies	2,338,010	0	0	0	2,338,010	2
<b>Other (specify):</b>						
NONE					0	3
<b>Less Average:</b>						
Reserve for Depreciation (111.1)	164,390,333	0	0	0	164,390,333	4
Customer Advances for Construction					0	5
Regulatory Liability	12,575,548	0	0	0	12,575,548	6
NONE					0	7
<b>Average Net Rate Base</b>	<b>280,885,651</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>280,885,651</b>	
Net Operating Income	2,731,750	0	0	0	2,731,750	8
<b>Net Operating Income as a percent of</b>						
<b>Average Net Rate Base</b>	<b>0.97%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>0.97%</b>	

**REGULATORY LIABILITY - PRE-2003 HISTORICAL  
ACCUMULATED DEPRECIATION ON CONTRIBUTED UTILITY  
PLANT (253)**

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Balance First of Year	12,981,211	0	0	0	12,981,211	1
<b>Add credits during year:</b>						
NONE					0	2
<b>Deduct charges:</b>						
Miscellaneous Amortization (425)	811,326	0	0	0	811,326	3
<b>Other (specify):</b>						
NONE					0	4
<b>Balance End of Year</b>	<b>12,169,885</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,169,885</b>	

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## IMPORTANT CHANGES DURING THE YEAR

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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.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

## WATER OPERATING REVENUES & EXPENSES

Particulars (a)	This Year (b)	Last Year (c)	
<b>Operating Revenues</b>			
<b>Sales of Water</b>			
Sales of Water (460-467)	66,097,991	65,283,116	1
<b>Total Sales of Water</b>	<b>66,097,991</b>	<b>65,283,116</b>	
<b>Other Operating Revenues</b>			
Forfeited Discounts (470)	2,062,962	1,855,769	2
Rents from Water Property (472)	276,894	216,777	3
Interdepartmental Rents (473)	0	0	4
Other Water Revenues (474)	261,253	641,065	5
<b>Total Other Operating Revenues</b>	<b>2,601,109</b>	<b>2,713,611</b>	
<b>Total Operating Revenues</b>	<b>68,699,100</b>	<b>67,996,727</b>	
<b>Operation and Maintenance Expenses</b>			
Source of Supply Expense (600-617)	419,787	0	6
Pumping Expenses (620-633)	6,314,730	6,064,083	7
Water Treatment Expenses (640-652)	11,868,113	11,206,659	8
Transmission and Distribution Expenses (660-678)	15,857,092	14,988,490	9
Customer Accounts Expenses (901-906)	777,539	925,293	10
Sales Expenses (910)	0	0	11
Administrative and General Expenses (920-932)	10,887,855	10,504,264	12
<b>Total Operation and Maintenance Expenses</b>	<b>46,125,116</b>	<b>43,688,769</b>	
<b>Other Operating Expenses</b>			
Depreciation Expense (403)	10,371,144	10,196,554	13
Amortization Expense (404-407)		0	14
Taxes (408)	9,471,090	8,624,472	15
<b>Total Other Operating Expenses</b>	<b>19,842,234</b>	<b>18,821,026</b>	
<b>Total Operating Expenses</b>	<b>65,967,350</b>	<b>62,509,815</b>	
<b>NET OPERATING INCOME</b>	<b>2,731,750</b>	<b>5,486,912</b>	

## WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. 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 or 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).
5. Other accounts: see application Help files for details.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
<b>Unmetered Sales to General Customers (460)</b>				
Residential (460.1)				1
Commercial (460.2)	255	35,266	127,495	2
Industrial (460.3)				3
Public Authority (460.4)				4
<b>Total Unmetered Sales to General Customers (460)</b>	<b>255</b>	<b>35,266</b>	<b>127,495</b>	
<b>Metered Sales to General Customers (461)</b>				
Residential (461.1)	143,817	11,552,814	27,020,737	5
Commercial (461.2)	15,515	8,058,026	15,430,650	6
Industrial (461.3)	1,524	4,201,642	5,324,232	7
Public Authority (461.4)	1,089	2,606,880	3,552,530	8
<b>Total Metered Sales to General Customers (461)</b>	<b>161,945</b>	<b>26,419,362</b>	<b>51,328,149</b>	
Private Fire Protection Service (462)	2,478		650,832	9
Public Fire Protection Service (463)	14		5,732,954	10
Other Water Sales (465)				11
Sales for Resale (466)	11	7,630,131	8,258,561	12
Interdepartmental Sales (467)				13
<b>Total Sales of Water</b>	<b>164,703</b>	<b>34,084,759</b>	<b>66,097,991</b>	

**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)	
CITY OF NEW BERLIN	S. 124TH ST. & W. GRANGE AVE	473,771	547,730	1
CITY OF NEW BERLIN	S. 124TH ST. & W. HOWARD AVE			2
CITY OF WAUWATOSA	N. 60TH & W. STATE STREET	1,813,199	2,000,347	3
CITY OF WAUWATOSA	N. 84TH ST. & W. DANA COURT			4
CITY OF WAUWATOSA	W. CLARKE ST. & W.O. N.61 ST.			5
CITY OF WEST ALLIS	S. 56TH ST. & W. NATIONAL AVE	2,298,618	2,257,963	6
CITY OF WEST ALLIS	S. 77TH & W. PIERCE STREET			7
CUDAHY, N SHORE, GREENDALE	STANDBY CHARGES		14,500	8
VILLAGE OF BROWN DEER	N. 40TH ST. & W. CALUMET RD.	493,710	569,997	9
VILLAGE OF BROWN DEER	N. 60TH ST. & W. BRADLEY RD.			10
VILLAGE OF BUTLER	N.124TH ST. & W. SILVER SPRING RD	124,641	145,351	11
VILLAGE OF GREENDALE	S. 60TH ST. & W. EDGERTON AVE	513,191	718,318	12
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. BRADLEY RD.	1,164,278	1,207,807	13
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. SILVER SPRING RD.			14
VILLAGE OF SHOREWOOD	N. DOWNER & E. EDGEWOOD AVE	436,379	503,777	15
VILLAGE OF SHOREWOOD	N. OAKLAND & E. EDGEWOOD AVE			16
CITY OF MEQUON	N.76TH ST. & W. COUNTY LINE RD.	312,344	292,771	17
<b>Total</b>		<b>7,630,131</b>	<b>8,258,561</b>	

**OTHER OPERATING REVENUES (WATER)**

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. 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.
3. 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).

Particulars (a)	Amount (b)	
<b>Public Fire Protection Service (463):</b>		
Amount billed (usually per rate schedule F-1 or Fd-1)	5,028,854	1
Wholesale fire protection billed	704,100	2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
<b>Other (specify):</b>		
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>5,732,954</b>	
<b>Forfeited Discounts (470):</b>		
Customer late payment charges	1,511,138	5
<b>Other (specify):</b>		
DELINQUENT PENALTIES - TAX ROLL ACCOUNTS	551,824	6
<b>Total Forfeited Discounts (470)</b>	<b>2,062,962</b>	
<b>Rents from Water Property (472):</b>		
ANTENNA FEES	276,894	7
<b>Total Rents from Water Property (472)</b>	<b>276,894</b>	
<b>Interdepartmental Rents (473):</b>		
NONE		8
<b>Total Interdepartmental Rents (473)</b>	<b>0</b>	
<b>Other Water Revenues (474):</b>		
Return on net investment in meters charged to sewer department	284,742	9
<b>Other (specify):</b>		
HOSE CONNECTIONS	6,550	10
WEST MILW. SEWER BILLING	5,908	11
INVESTIGATIONS	690	12
STATUS OF ACCOUNT FEES	1,449	13
NSF CHECKS	16,100	14
METER RESET FEES	3,990	15
FINAL BILL CHARGES	30,100	16
SALE OF MATERIAL	13,699	17
ADJUSTMENT OF UNBILLED ACCOUNTS RECEIVABLE	(101,975) *	18
<b>Total Other Water Revenues (474)</b>	<b>261,253</b>	

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## OTHER OPERATING REVENUES (WATER)

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

Please explain amounts in Account 474 in excess of \$10,000, including like items grouped. Please provide, for example, a short list or detail using other than terms such as "other revenues" "general" "miscellaneous" or repeating the account title.

The adjustment of the unbilled accounts receivable is needed to record the water revenue earned in 2008 that will not be billed out until 2009. The unbilled amount was over estimated in 2007

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## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>SOURCE OF SUPPLY EXPENSES</b>			
Operation Supervision and Engineering (600)	0		1
Operation Labor and Expenses (601)	0		2
Purchased Water (602)	0		3
Miscellaneous Expenses (603)	0		4
Rents (604)	0		5
Maintenance Supervision and Engineering (610)	0		6
Maintenance of Structures and Improvements (611)	0		7
Maintenance of Collecting and Impounding Reservoirs (612)	0		8
Maintenance of Lake, River and Other Intakes (613)	419,787	0	* 9
Maintenance of Wells and Springs (614)	0		10
Maintenance of Supply Mains (616)	0		11
Maintenance of Miscellaneous Water Source Plant (617)	0		12
<b>Total Source of Supply Expenses</b>	<b>419,787</b>	<b>0</b>	
<b>PUMPING EXPENSES</b>			
Operation Supervision and Engineering (620)	0		13
Fuel for Power Production (621)	0		14
Power Production Labor and Expenses (622)	0		15
Fuel or Power Purchased for Pumping (623)	4,910,825	4,779,573	16
Pumping Labor and Expenses (624)	309,852	306,631	17
Expenses Transferred--Credit (625)	0		18
Miscellaneous Expenses (626)	72,665	57,550	* 19
Rents (627)	0		20
Maintenance Supervision and Engineering (630)	177,647	188,531	21
Maintenance of Structures and Improvements (631)	470,014	188,589	* 22
Maintenance of Power Production Equipment (632)	0		23
Maintenance of Pumping Equipment (633)	373,727	543,209	* 24
<b>Total Pumping Expenses</b>	<b>6,314,730</b>	<b>6,064,083</b>	
<b>WATER TREATMENT EXPENSES</b>			
Operation Supervision and Engineering (640)	477,470	444,095	25
Chemicals (641)	2,150,421	1,435,218	* 26
Operation Labor and Expenses (642)	4,210,027	4,086,305	27
Miscellaneous Expenses (643)	1,232,599	1,204,009	28
Rents (644)	0		29
Maintenance Supervision and Engineering (650)	178,514	189,787	30
Maintenance of Structures and Improvements (651)	1,332,981	1,574,618	* 31
Maintenance of Water Treatment Equipment (652)	2,286,101	2,272,627	32
<b>Total Water Treatment Expenses</b>	<b>11,868,113</b>	<b>11,208,659</b>	

## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>			
Operation Supervision and Engineering (660)	862,463	953,595	33
Storage Facilities Expenses (661)		0	34
Transmission and Distribution Lines Expenses (662)	2,225,853	2,219,323	35
Meter Expenses (663)	863,650	716,753	* 36
Customer Installations Expenses (664)		0	37
Miscellaneous Expenses (665)	637,962	738,243	38
Rents (666)	1,232,510	1,232,510	39
Maintenance Supervision and Engineering (670)		0	40
Maintenance of Structures and Improvements (671)		0	41
Maintenance of Distribution Reservoirs and Standpipes (672)	14,685	28,934	* 42
Maintenance of Transmission and Distribution Mains (673)	5,553,693	4,972,814	43
Maintenance of Services (675)	3,127,309	2,779,958	44
Maintenance of Meters (676)	168,167	181,200	45
Maintenance of Hydrants (677)	926,256	883,890	46
Maintenance of Miscellaneous Plant (678)	244,544	281,270	47
<b>Total Transmission and Distribution Expenses</b>	<b>15,857,092</b>	<b>14,988,490</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>			
Supervision (901)	69,409	68,210	48
Meter Reading Expenses (902)	147,232	172,128	49
Customer Records and Collection Expenses (903)	315,213	684,955	* 50
Uncollectible Accounts (904)		0	51
Miscellaneous Customer Accounts Expenses (905)		0	52
Customer Service and Information Expenses (906)	245,685		* 53
<b>Total Customer Accounts Expenses</b>	<b>777,539</b>	<b>925,293</b>	
<b>SALES EXPENSES</b>			
Sales Expenses (910)		0	54
<b>Total Sales Expenses</b>	<b>0</b>	<b>0</b>	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Administrative and General Salaries (920)	2,620,367	2,739,726	55
Office Supplies and Expenses (921)	480,377	468,385	56
Administrative Expenses Transferred--Credit (922)		0	57
Outside Services Employed (923)	1,311,050	772,305	* 58
Property Insurance (924)	57,703	54,370	59
Injuries and Damages (925)	409,941	296,371	* 60
Employee Pensions and Benefits (926)	5,635,239	5,742,969	61
Regulatory Commission Expenses (928)	126	16,957	* 62
Duplicate Charges--Credit (929)		0	63

**WATER OPERATION & MAINTENANCE EXPENSES**

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	This Year (b)	Last Year (c)	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Miscellaneous General Expenses (930)	80,891	104,274	* 64
Rents (931)	229,397	221,440	65
Maintenance of General Plant (932)	62,764	87,467	* 66
<b>Total Administrative and General Expenses</b>	<b>10,887,855</b>	<b>10,504,264</b>	
<b>Total Operation and Maintenance Expenses</b>	<b>46,125,116</b>	<b>43,688,789</b>	

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**WATER OPERATION & MAINTENANCE EXPENSES**

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**Water Operation & Maintenance Expenses (Page W-05)**

For values that represent an increase or a decrease when compared to the previous year of greater than 15%, but not less \$10,000, please explain.

**OPERATION EXPENSES -**

Account 626 - Pumping Miscellaneous

Increase of 26% due to gas heating costs and supplies

Account 641 - Chemicals Expense

Increase of 50% due to chemical price hikes (especially alum)

Account 663 - Meter Expense

Increase of 20% due to charges for the cross connection program

Account 903 - Customer Billing Expense

Decrease of 54% due to customer service charges shifted to PSC Account 906

Account 906 - Customer Service Expense

Increase of 100%. This is a new PSC account. The labor and expense was shifted from PSC 903 and a small portion from PSC 920.

Account 923 - Outside Services

Increase of 70% due to municipal service bill charges and an administration charge that came in after the 2007 PSC Annual Report was filed.

Account 925 - Injuries and Damages

Increase of 38% due to workers' compensation claims paid

Account 928 - PSC Expense

Decrease of 99% due to charges for the rate case 3720-WR-106 in 2007

Account 930 - Miscellaneous General Expense

Decrease of 22% due to 2009 AWWA dues recorded as a prepaid expense in 2008

**MAINTENANCE EXPENSES -**

Account 613 - Supply Intakes

Increase of 100% due to the inspection of the intake and crib at both purification plants

Account 631 - Pumping Structures

Increase of 149% due to the tuckpointing and brick repairs at Riverside Station

Account 633 - Pumping Equipment

Decrease of 31% due to the tank repair at Menomonee Station in 2007

Account 651 - Treatment Structures

Decrease of 15% due to roof repairs at the Linnwood Plant in 2007

Account 672 - Reservoirs and Standpipes

Decrease of 49% due to staff time charged at the storage facilities in 2007

Account 932 - General Plant

Decrease of 28% due to network system support charges in 2007

**TAXES (ACCT. 408 - WATER)**

When allocation of taxes is made between departments, explain method used.
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Description of Tax (a)	Method Used to Allocate Between Departments (b)	This Year (c)	Last Year (d)	
Property Tax Equivalent		8,696,137	7,766,750	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		402,760	379,917	2
<b>Net property tax equivalent</b>		<b>8,293,377</b>	<b>7,386,833</b>	
Social Security		1,118,976	1,169,540	3
PSC Remainder Assessment		58,737	68,099	4
Other (specify): NONE			0	5
<b>Total tax expense</b>		<b>9,471,090</b>	<b>8,624,472</b>	

### PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. 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.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. 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.
5. 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.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Milwaukee				1
<b>SUMMARY OF TAX RATES</b>							
State tax rate	mills		0.180000				2
County tax rate	mills		4.200000				3
Local tax rate	mills		8.090000				4
School tax rate	mills		9.820000				5
Voc. school tax rate	mills		1.940000				6
Other tax rate - Local	mills		0.000000				7
Other tax rate - Non-Local	mills		1.370000				8
<b>Total tax rate</b>	mills		<b>25.600000</b>				9
Less: state credit	mills		1.570000				10
<b>Net tax rate</b>	mills		<b>24.030000</b>				11
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							
Local Tax Rate	mills		8.090000				12
Combined School Tax Rate	mills		11.760000				13
Other Tax Rate - Local	mills		0.000000				14
<b>Total Local &amp; School Tax</b>	mills		<b>19.850000</b>				15
<b>Total Tax Rate</b>	mills		<b>25.600000</b>				16
Ratio of Local and School Tax to Total	dec.		0.775391				17
Total tax net of state credit	mills		24.030000				18
<b>Net Local and School Tax Rate</b>	mills		<b>18.632637</b>				19
Utility Plant, Jan. 1	\$	554,143,089	554,143,089				20
Materials & Supplies	\$	2,345,026	2,345,026				21
<b>Subtotal</b>	\$	<b>556,488,115</b>	<b>556,488,115</b>				22
Less: Plant Outside Limits	\$	66,292,420	66,292,420				23
<b>Taxable Assets</b>	\$	<b>490,195,695</b>	<b>490,195,695</b>				24
Assessment Ratio	dec.		0.952100				25
<b>Assessed Value</b>	\$	<b>466,715,321</b>	<b>466,715,321</b>				26
<b>Net Local &amp; School Rate</b>	mills		<b>18.632637</b>				27
Tax Equiv. Computed for Current Year	\$	8,696,137	8,696,137				28
Tax Equivalent per 1994 PSC Report	\$	6,904,063					29
Any lower tax equivalent as authorized by municipality (see note 6)	\$						30
<b>Tax equiv. for current year (see note 6)</b>	\$	<b>8,696,137</b>					31
Footnotes							32

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## PROPERTY TAX EQUIVALENT (WATER)

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

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

This other tax rate is charged by the Milwaukee Metropolitan Sewerage District (MMSD). MMSD is a special purpose corporation organized under the laws of the State of Wisconsin. It was created in 1982. They report to a governing body that is responsible for the area they service

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**WATER UTILITY PLANT IN SERVICE  
--Plant Financed by Utility or Municipality--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. 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.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	16,080,676				16,080,676	7
Wells and Springs (314)	0				0	8
Supply Mains (316)	5,618,708				5,618,708	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>21,699,384</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,699,384</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	323,601				323,601	11
Structures and Improvements (321)	7,485,244				7,485,244	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	13,847,518	468,296	160,897		14,154,917	* 14
Diesel Pumping Equipment (326)	0				0	15
Other Pumping Equipment (328)	0				0	16
<b>Total Pumping Plant</b>	<b>21,656,363</b>	<b>468,296</b>	<b>160,897</b>	<b>0</b>	<b>21,963,762</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	914,137				914,137	17
Structures and Improvements (331)	11,801,702				11,801,702	18
Sand or Other Media Filtration Equipment (332)	98,020,342				98,020,342	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>110,736,181</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,736,181</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	29,629				29,629	22
Structures and Improvements (341)	0				0	23
Distribution Reservoirs and Standpipes (342)	8,189,451				8,189,451	24
Transmission and Distribution Mains (343)	205,711,462	13,746,341	930,831		218,526,972	25
Services (345)	0				0	26
Meters (346)	28,122,977	696,007	899,949		27,919,035	* 27
Hydrants (348)	23,267,927	1,419,979	365,676		24,322,230	28

**WATER UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. 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.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>265,321,446</b>	<b>15,862,327</b>	<b>2,196,456</b>	<b>0</b>	<b>278,987,317</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	13,262				13,262	30
Structures and Improvements (390)	2,004,734				2,004,734	31
Office Furniture and Equipment (391)	2,055,901		24,646		2,031,255	32
Computer Equipment (391.1)	7,768,813	171,043	1,238,849		6,701,007	* 33
Transportation Equipment (392)	6,264,820	460,244	441,619		6,283,446	* 34
Stores Equipment (393)	158,090				158,090	35
Tools, Shop and Garage Equipment (394)	1,463,284	96,356	140,314		1,419,326	* 36
Laboratory Equipment (395)	680,963	7,356	14,857		673,462	37
Power Operated Equipment (396)	2,135,845	299,852	239,203		2,196,494	* 38
Communication Equipment (397)	3,390,743	126,455	11,837		3,505,361	* 39
SCADA Equipment (397.1)	3,584,675				3,584,675	40
Miscellaneous Equipment (398)	67,393				67,393	41
<b>Total General Plant</b>	<b>29,588,523</b>	<b>1,161,306</b>	<b>2,111,326</b>	<b>0</b>	<b>28,638,504</b>	
<b>Total utility plant in service directly assignable</b>	<b>449,001,897</b>	<b>17,491,929</b>	<b>4,468,678</b>	<b>0</b>	<b>462,025,148</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>449,001,897</b>	<b>17,491,929</b>	<b>4,468,678</b>	<b>0</b>	<b>462,025,148</b>	

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**WATER UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

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**Water Utility Plant in Service --Plant Financed by Utility or Municipality-- (Page W-08)****General footnotes****Account 346 - Water Meter Subaccounts**

346.1 Meters \$6,521,531

346.2 Meters-Communication Equipment (AMR) \$21,397,504

If Additions for Accounts OTHER than 316, 343, 345, 346 and 348 exceed \$100,000, please explain. If applicable, provide construction authorization.

**Account 325 - Pumping Equipment**

Rebuild pump No. 4 and valve replacement at Riverside \$432,111

Backup battery system at Linnwood \$36,185

**Account 391.1 - Computer Equipment**

Minitowers and quad cores \$85,046

MC3 mobile computer \$40,000

Various hardware and software \$45,997

**Account 392 - Transportation Equipment**

Step vans, dump trucks, cars, and trucks \$460,244

**Account 396 - Power Equipment**

Backhoes and compressors \$299,852

**Account 397 - Communication Equipment**

Closed circuit security TV system at Linnwood \$117,221

Radios \$9,234

If Retirements for Accounts OTHER than 316, 343, 345, 346 or 348 exceed \$100,000, please explain.

**Account 325 - Pumping Equipment**

Pump No. 4 equipment and valves \$160,897

**Account 391.1 - Computer Equipment**

Automated Mapping/Facilities Management System \$918,475

Data command unit \$124,644

Various hardware and software \$195,729

**Account 392 - Transportation Equipment**

Step vans, dump trucks, cars, and trucks \$441,619

**Account 394 - Tools and Shop Equipment**

Various pumps, garage equipment, field tools, etc. \$140,314

**Account 396 - Power Equipment**

Backhoes and compressors \$239,203

## WATER UTILITY PLANT IN SERVICE

### --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. 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.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	0				0	7
Wells and Springs (314)	0				0	8
Supply Mains (316)	0				0	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	0				0	11
Structures and Improvements (321)	0				0	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	0				0	14
Diesel Pumping Equipment (326)	0				0	15
Other Pumping Equipment (328)	0				0	16
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	0				0	17
Structures and Improvements (331)	0				0	18
Sand or Other Media Filtration Equipment (332)	0				0	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	0				0	22
Structures and Improvements (341)	0				0	23
Distribution Reservoirs and Standpipes (342)	0				0	24
Transmission and Distribution Mains (343)	70,349,182	1,527,427	327,048		71,549,561	25
Services (345)	0				0	26
Meters (346)	2,816,110		81,751		2,734,359	27

**WATER UTILITY PLANT IN SERVICE  
--Plant Financed by Contributions--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000. If applicable, provide construction authorization.
4. 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.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Hydrants (348)	7,537,077	200,462	115,477		7,622,062	28
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>80,702,369</b>	<b>1,727,889</b>	<b>524,276</b>	<b>0</b>	<b>81,905,982</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	0				0	30
Structures and Improvements (390)	0				0	31
Office Furniture and Equipment (391)	0				0	32
Computer Equipment (391.1)	0				0	33
Transportation Equipment (392)	0				0	34
Stores Equipment (393)	0				0	35
Tools, Shop and Garage Equipment (394)	0				0	36
Laboratory Equipment (395)	0				0	37
Power Operated Equipment (396)	0				0	38
Communication Equipment (397)	0				0	39
SCADA Equipment (397.1)	0				0	40
Miscellaneous Equipment (398)	0				0	41
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total utility plant in service directly assignable</b>	<b>80,702,369</b>	<b>1,727,889</b>	<b>524,276</b>	<b>0</b>	<b>81,905,982</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>80,702,369</b>	<b>1,727,889</b>	<b>524,276</b>	<b>0</b>	<b>81,905,982</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Utility or Municipality--

1. 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.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>SOURCE OF SUPPLY PLANT</b>				
Structures and Improvements (311)	0	0.00%		1
Collecting and Impounding Reservoirs (312)	0	0.00%		2
Lake, River and Other Intakes (313)	5,304,092	1.70%	273,371	3
Wells and Springs (314)	0	0.00%		4
Supply Mains (316)	3,493,622	1.80%	101,137	5
Other Water Source Plant (317)	0	0.00%		6
<b>Total Source of Supply Plant</b>	<b>8,797,714</b>		<b>374,508</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	6,014,362	3.20%	239,527	7
Other Power Production Equipment (323)	0	0.00%		8
Electric Pumping Equipment (325)	9,487,603	4.00%	211,204 *	9
Diesel Pumping Equipment (326)	0	0.00%		10
Other Pumping Equipment (328)	0	0.00%		11
<b>Total Pumping Plant</b>	<b>15,501,965</b>		<b>450,731</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	7,011,917	3.20%	377,655	12
Sand or Other Media Filtration Equipment (332)	34,309,271	3.30%	3,234,672	13
Membrane Filtration Equipment (333)				14
Other Water Treatment Equipment (334)				15
<b>Total Water Treatment Plant</b>	<b>41,321,188</b>		<b>3,612,327</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0	0.00%		16
Distribution Reservoirs and Standpipes (342)	2,726,174	1.90%	155,600	17
Transmission and Distribution Mains (343)	48,467,249	1.10%	2,333,311	18
Services (345)	0	0.00%		19
Meters (346)	18,790,965	3.70%	2,028,115 *	20
Hydrants (348)	6,175,206	1.70%	404,516	21
Other Transmission and Distribution Plant (349)	0	0.00%		22
<b>Total Transmission and Distribution Plant</b>	<b>76,159,594</b>		<b>4,921,642</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	961,625	2.90%	58,137	23
Office Furniture and Equipment (391)	1,132,284	5.80%	118,528	24
Computer Equipment (391.1)	3,844,017	15.00%	774,957 *	25
Transportation Equipment (392)	5,791,273	13.30%	834,460	26
Stores Equipment (393)	158,090	5.80%		* 27
Tools, Shop and Garage Equipment (394)	1,083,562	5.80%	83,596	28
Laboratory Equipment (395)	373,536	5.80%	39,278	29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					5,577,463	3
314					0	4
316					3,594,759	5
317					0	6
	0	0	0	0	9,172,222	
321					6,253,889	7
323					0	8
325	160,897	65,200			9,472,710 *	9
326					0	10
328					0	11
	160,897	65,200	0	0	16,726,599	
331					7,389,572	12
332					37,543,943	13
333					0	14
334					0	15
	0	0	0	0	44,933,515	
341					0	16
342					2,881,774	17
343	930,831	6,909			49,862,820	18
345					0	19
346	899,949		52,939		19,972,070 *	20
348	365,676	60,538	67,792		6,221,300	21
349					0	22
	2,196,456	67,447	120,731	0	78,937,964	
390					1,019,762	23
391	24,646				1,226,166	24
391.1	1,238,849				3,380,125 *	25
392	441,619		6,184		6,190,298	26
393					158,090 *	27
394	140,314				1,026,844	28
395	14,857				397,957	29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER**  
**--Plant Financed by Utility or Municipality--**

1. 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.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>GENERAL PLANT</b>				
Power Operated Equipment (396)	436,932	7.50%	162,462	30
Communication Equipment (397)	2,180,297	10.00%	344,806	31
SCADA Equipment (397.1)	2,750,826	9.20%	329,790	32
Miscellaneous Equipment (398)	67,393	5.80%	*	33
<b>Total General Plant</b>	<b>18,779,835</b>		<b>2,746,014</b>	
<b>Total accum. prov. directly assignable</b>	<b>160,560,296</b>		<b>12,105,122</b>	
 Common Utility Plant Allocated to Water Department	 0	 0.00%		 34
 <b>Total accum. prov. for depreciation</b>	 <b>160,560,296</b>		 <b>12,105,122</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Utility or Municipality--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
396	239,203		29,363		389,554	30
397	11,837				2,513,266	31
397.1					3,080,616	32
398					67,393 *	33
	<u>2,111,325</u>	0	<u>35,547</u>	0	<u>19,450,071</u>	
	4,468,678	132,647	156,278	0	168,220,371	
					0	34
	<u>4,468,678</u>	<u>132,647</u>	<u>156,278</u>	0	<u>168,220,371</u>	

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## ACCUMULATED PROVISION FOR DEPRECIATION - WATER --Plant Financed by Utility or Municipality--

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Accumulated Provision for Depreciation - Water --Plant Financed by Utility or Municipality-- (Page W-10)

**General footnotes**

Account 346 - Meter Subaccounts

346.1 Meters \$2,488,637

346.2 Meters-Communication Equipment (AMR) \$17,483,433

**Fully Depreciated Groups -**

Account 325 (Pumping Equipment) became fully depreciated in 1999. Additions after 1999 are depreciated as a separate group within PSC 325.

Account 391.1 (Computer Equipment) became fully depreciated in 2003. Additions after 2003 are depreciated as a separate group within PSC 391.1.

Account 393 (Stores Equipment) and Account 398 (Miscellaneous Equipment) became fully depreciated in 2007. Additions after 2007 are depreciated as separate groups.

No further depreciation will be taken on any of the above fully depreciated groups.

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## ACCUMULATED PROVISION FOR DEPRECIATION - WATER

### --Plant Financed by Contributions--

1. 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.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>SOURCE OF SUPPLY PLANT</b>				
Structures and Improvements (311)	0	0.00%		1
Collecting and Impounding Reservoirs (312)	0	0.00%		2
Lake, River and Other Intakes (313)	0	0.00%		3
Wells and Springs (314)	0	0.00%		4
Supply Mains (316)	0	0.00%		5
Other Water Source Plant (317)	0	0.00%		6
<b>Total Source of Supply Plant</b>	<b>0</b>		<b>0</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	0	0.00%		7
Other Power Production Equipment (323)	0	0.00%		8
Electric Pumping Equipment (325)	0	0.00%		9
Diesel Pumping Equipment (326)	0	0.00%		10
Other Pumping Equipment (328)	0	0.00%		11
<b>Total Pumping Plant</b>	<b>0</b>		<b>0</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	0	0.00%		12
Sand or Other Media Filtration Equipment (332)	0	0.00%		13
Membrane Filtration Equipment (333)				14
Other Water Treatment Equipment (334)				15
<b>Total Water Treatment Plant</b>	<b>0</b>		<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0	0.00%		16
Distribution Reservoirs and Standpipes (342)	0	0.00%		17
Transmission and Distribution Mains (343)	15,955,603	1.10%	780,443	18
Services (345)	0	0.00%		19
Meters (346)	1,410,678	3.70%	102,684	20
Hydrants (348)	1,796,068	1.70%	128,853	21
Other Transmission and Distribution Plant (349)	0	0.00%		22
<b>Total Transmission and Distribution Plant</b>	<b>19,162,339</b>		<b>1,011,980</b>	
<b>GENERAL PLANT</b>				
Structures and Improvements (390)	0	0.00%		23
Office Furniture and Equipment (391)	0	0.00%		24
Computer Equipment (391.1)	0	0.00%		25
Transportation Equipment (392)	0	0.00%		26
Stores Equipment (393)	0	0.00%		27
Tools, Shop and Garage Equipment (394)	0	0.00%		28
Laboratory Equipment (395)	0	0.00%		29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					0	3
314					0	4
316					0	5
317					0	6
	0	0	0	0	0	
321					0	7
323					0	8
325					0	9
326					0	10
328					0	11
	0	0	0	0	0	
331					0	12
332					0	13
333					0	14
334					0	15
	0	0	0	0	0	
341					0	16
342					0	17
343	327,048	2,428			16,406,570	18
345					0	19
346	81,751		22,688		1,454,299	20
348	115,477	19,117	21,407		1,811,724	21
349					0	22
	524,276	21,545	44,095	0	19,672,593	
390					0	23
391					0	24
391.1					0	25
392					0	26
393					0	27
394					0	28
395					0	29

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER**  
**--Plant Financed by Contributions--**

1. 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.  
 2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
<b>GENERAL PLANT</b>				
Power Operated Equipment (396)	0	0.00%		30
Communication Equipment (397)	0	0.00%		31
SCADA Equipment (397.1)	0	0.00%		32
Miscellaneous Equipment (398)	0	0.00%		33
<b>Total General Plant</b>	<b>0</b>		<b>0</b>	
<b>Total accum. prov. directly assignable</b>	<b>19,162,339</b>		<b>1,011,980</b>	
Common Utility Plant Allocated to Water Department	0	0.00%		34
<b>Total accum. prov. for depreciation</b>	<b>19,162,339</b>		<b>1,011,980</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**  
**--Plant Financed by Contributions--**

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
396					0	30
397					0	31
397.1					0	32
398					0	33
	0	0	0	0	0	
	<b>524,276</b>	<b>21,545</b>	<b>44,095</b>	<b>0</b>	<b>19,672,593</b>	
					0	34
	<b>524,276</b>	<b>21,545</b>	<b>44,095</b>	<b>0</b>	<b>19,672,593</b>	

## SOURCES OF WATER SUPPLY - STATISTICS

Expanded definitions of the three types of accounted-for water reported on this schedule are included in the schedule Help and in the Reference Manual Schedule Reference Sheet.

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January		3,356,590		3,356,590	1
February		3,254,100		3,254,100	2
March		3,323,170		3,323,170	3
April		3,102,510		3,102,510	4
May		3,401,810		3,401,810	5
June		3,474,100		3,474,100	6
July		3,804,280		3,804,280	7
August		4,127,860		4,127,860	8
September		3,497,370		3,497,370	9
October		3,301,280		3,301,280	10
November		3,006,520		3,006,520	11
December		3,198,350		3,198,350	12
<b>Total annual pumpage</b>	<b>0</b>	<b>40,847,940</b>	<b>0</b>	<b>40,847,940</b>	

## WATER LOSS AND OTHER STATISTICS

1. For Gallons used in the treatment process (line 3), estimate water used in production including filter backwash, pumps, and other utility uses before the point of entry to the distribution system.
2. For Gallons used for other system uses (line 10), report other unmetered water used for system operation and maintenance, water used for non-regulated sewer utility and all other unmetered usage that is known to occur and does not fall into one of the other categories listed under Water Usage.

**WATER LOSS STATISTICS**

Source of Water Supply Statistics - Total Annual Pumpage (000's):	40,847,940	1
Less: Gallons (000's) used in the treatment process:	452,795	2
Subtotal: Gallons (000's) entering distribution system:	40,395,145	3
Less: Gallons (000's) sold:	34,084,759	4
Gallons (000's) entering distribution system but not sold:	6,310,386	5
Estimated Water Usage:		6
Gallons (000's) used to flush mains:	95,486	7
Gallons (000's) used for fire protection:	153,261	8
Gallons (000's) used to prevent freezing of distribution system:		9
Gallons (000's) used for other system uses:	159,171	10
Subtotal Estimated Usage:	407,918	11
Estimated Water Losses:		12
Gallons (000's) lost due to main leaks or breaks:	61,643	13
Gallons (000's) lost due to service leaks or breaks:		14
Gallons (000's) lost due to hydrant leaks, tank overflows and pressure reducing valves:		15
Gallons (000's) for unauthorized usage such as vandalism and theft:	30,600	16
Gallons (000's) not accounted for:	5,810,225	17
Subtotal of Estimated Losses:	5,902,468	18
Percentage of water entering distribution system sold:	84%	19
Percentage of unaccounted for water:	14%	20
If more than 15%, indicate causes:		21
		22
		23
		24
If more than 15%, state what action has been taken to reduce water loss:		25
		26
		27

**OTHER STATISTICS**

Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)	151,330	28
Date of maximum: 08/18/2008		29
Cause of maximum: Hot, dry weather		30
		31
		32
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)	96,750	33
Date of minimum: 01/01/2008		34
Total KWH used by the utility (include pumping, treatment facilities and other utility operations):	69,843,745	35
If water is purchased:		36
Vendor Name:		37
Point of Delivery:		38
What percentage of purchased water is surface water?		39
Number of main breaks repaired this year:	553	40
Number of service breaks repaired this year:	160	41
Population served (estimate the number of individuals served):		42
Inside municipality?	602,782	43
Outside municipality?	255,034	44

**SOURCES OF WATER SUPPLY - SURFACE WATERS**

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore In feet (c)	Depth Below Surface In feet (d)	Diameter In inches (e)	
LINNWOOD INTAKE (LAKE MICH)	1	6,565	62	144	1
TEXAS INTAKE (LAKE MICHIGAN)	2	11,767	57	108	2

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification				1
Location				2
Purpose				3
Destination				4
Pump Manufacturer				5
Year Installed	1964	2000	2000	6
Type				7
Actual Capacity (gpm)	27,778	27,778	27,778	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9
Year Installed	1964	1938	1938	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	2,000	600	500	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				15
Location				16
Purpose				17
Destination				18
Pump Manufacturer				19
Year Installed	2000	2000	1964	20
Type				21
Actual Capacity (gpm)	27,778	27,778	27,778	22
Pump Motor or Standby Engine Mfr	US MOTOR	ALLIS CHALMERS	ALLIS CHALMERS	23
Year Installed	1998	1938	1964	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	450	350	2,000	26
Footnotes				27
				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification				1
Location				2
Purpose				3
Destination				4
Pump Manufacturer				5
Year Installed	2000	1969	1961	6
Type				7
Actual Capacity (gpm)	27,778	17,361	24,305	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	FAIRBANKS MORSE	FAIRBANKS - MORSE	9
Year Installed	1938	1974	1974	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	350	2,000	2,000	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification			ADLER-PUMP #1	15
Location			ADLER STATION	16
Purpose			B	17
Destination			D	18
Pump Manufacturer			WHEELER	19
Year Installed	2000	1961	1967	20
Type			CENTRIFUGAL	21
Actual Capacity (gpm)	27,778	24,305	1,076	22
Pump Motor or Standby Engine Mfr	US MOTOR	FAIRBANKS - MORSE	WHEELER	23
Year Installed	1998	1974	1967	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	450	2,000	25	26
Footnotes				27
				28

**PUMPING & POWER EQUIPMENT**

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	ADLER-PUMP #2	ADLER-PUMP #3	BLUEMOUND-PUMP #1	1
Location	ADLER STATION	ADLER STATION	BLUEMOUND STATION	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	WHEELER	WHEELER	ALLIS CHALMERS	5
Year Installed	1967	1967	1995	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,076	1,076	1,201	8
Pump Motor or Standby Engine Mfr	WHEELER	WHEELER	ALLIS CHALMERS	9
Year Installed	1967	1967	1995	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	25	25	40	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	BLUEMOUND-PUMP #2	BLUEMOUND-PUMP #3	CAPITOL-PUMP #1	15
Location	BLUEMOUND STATION	BLUEMOUND STATION	CAPITOL STATION	16
Purpose	B	B	B	17
Destination	D	D	D	18
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	PATTERSON	19
Year Installed	1993	1993	1997	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	1,201	1,201	694	22
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	PATTERSON	23
Year Installed	1993	1993	1997	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	40	40	15	26
Footnotes				27
				28

## PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	CAPITOL-PUMP #2	CAPITOL-PUMP #3	CAPITOL-PUMP #4	1
Location	CAPITOL STATION	CAPITOL STATION	CAPITOL STATION	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	PATTERSON	PATTERSON	PATTERSON	5
Year Installed	1997	1997	1997	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	694	1,389	1,389	8
Pump Motor or Standby Engine Mfr	PATTERSON	PATTERSON	PATTERSON	9
Year Installed	1997	1997	1997	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	15	30	30	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	FLORIST-PUMP #1	FLORIST-PUMP #2	FLORIST-PUMP #3	15
Location	FLORIST STATION	FLORIST STATION	FLORIST STATION	16
Purpose	B	B	B	17
Destination	D	D	D	18
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	19
Year Installed	1964	1964	1964	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	8,333	2,083	1,042	22
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	23
Year Installed	1964	1964	1964	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	250	60	30	26
Footnotes				27
				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	FLORIST-PUMP #4	FLORIST-PUMP #5	FLORIST-PUMP #6	1
Location	FLORIST STATION	FLORIST STATION	FLORIST STATION	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	PATTERSON	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1993	1964	1970	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	4,861	4,167	6,250	8
Pump Motor or Standby Engine Mfr	PATTERSON	ALLIS CHALMERS	ALLIS CHALMERS	9
Year Installed	1993	1964	1970	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	350	125	200	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	FLORIST-PUMP #7	FLORIST-PUMP #8	GRANGE-PUMP #1	15
Location	FLORIST STATION	FLORIST STATION	GRANGE STATION	16
Purpose	B	B	B	17
Destination	D	D	D	18
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	FAIRBANKS - MORSE	19
Year Installed	1970	1970	1968	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	17,311	10,417	3,472	22
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	FAIRBANKS - MORSE	23
Year Installed	1970	1970	1968	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	500	350	100	26
Footnotes				27
				28

## PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	GRANGE-PUMP #2	GRANGE-PUMP #3	GRANGE-PUMP #4	1
Location	GRANGE STATION	GRANGE STATION	GRANGE STATION	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	5
Year Installed	1968	1968	1988	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	3,472	3,472	6,944	8
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	9
Year Installed	1968	1968	1988	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	100	100	200	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	GRANGE-PUMP #5	HOWARD PLANT-PUMP #1	HOWARD PLANT-PUMP #5	15
Location	GRANGE STATION	HOWARD PLANT	HOWARD PLANT	16
Purpose	B	P	P	17
Destination	D	D	D	18
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	19
Year Installed	1988	1963	1964	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	6,944	15,972	27,778	22
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	23
Year Installed	1988	1963	1964	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	200	350	2,000	26
Footnotes				27
				28

## PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	HOWARD PLANT-PUMP #8	HOWARD STAT.-PUMP #2	HOWARD STAT.-PUMP #3	1
Location	HOWARD PLANT	HOWARD STATION	HOWARD STATION	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1964	1963	1963	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	27,778	15,972	19,444	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9
Year Installed	1964	1986	1963	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	2,000	350	600	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	HOWARD STAT.-PUMP #4	LINCOLN-PUMP #1	LINCOLN-PUMP #2	15
Location	HOWARD STATION	LINCOLN STATION	LINCOLN STATION	16
Purpose	P	B	B	17
Destination	D	D	D	18
Pump Manufacturer	ALLIS CHALMERS	WHEELER	WHEELER	19
Year Installed	1963	1954	1954	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	19,444	2,083	6,944	22
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	WHEELER	WHEELER	23
Year Installed	1963	1954	1954	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	600	200	600	26
Footnotes				27
				28

## PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	LINCOLN-PUMP #3	LINCOLN-PUMP #4	LINNWOOD-PUMP #1	1
Location	LINCOLN STATION	LINCOLN STATION	LINNWOOD PLANT	2
Purpose	B	B	P	3
Destination	D	D	T	4
Pump Manufacturer	WHEELER	WHEELER	ITT A-C PUMP	5
Year Installed	1954	1954	2000	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	6,944	2,083	27,778	8
Pump Motor or Standby Engine Mfr	WHEELER	WHEELER	RELIANCE ELECTRIC	9
Year Installed	1954	1954	2000	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	600	200	800	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	LINNWOOD-PUMP #2	LISBON-PUMP #1	LISBON-PUMP #2	15
Location	LINNWOOD PLANT	LISBON STATION	LISBON STATION	16
Purpose	P	B	B	17
Destination	T	D	D	18
Pump Manufacturer	ITT A-C PUMP	CARVER	CARVER	19
Year Installed	2000	1976	1976	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	27,778	3,472	4,167	22
Pump Motor or Standby Engine Mfr	RELIANCE ELECTRIC	CARVER	CARVER	23
Year Installed	2000	1976	1976	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	800	50	75	26
Footnotes				27
				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.  
 2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.  
 3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	LISBON-PUMP #3	MENOMONEE-PUMP #1	MENOMONEE-PUMP #2	1
Location	LISBON STATION	MENOMONEE STATION	MENOMONEE STATION	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	CARVER	ALLIS CHALMERS	DELAVAL	5
Year Installed	1976	1933	1933	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	4,167	20,833	13,889	8
Pump Motor or Standby Engine Mfr	CARVER	ALLIS CHALMERS	DELAVAL	10
Year Installed	1976	1933	1933	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	1,500	1,500	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	MENOMONEE-PUMP #4	NORTHPOINT-PUMP #1	NORTHPOINT-PUMP #2	15
Location	MENOMONEE STATION	NORTH POINT STATION	NORTH POINT STATION	16
Purpose	B	P	P	17
Destination	D	D	D	18
Pump Manufacturer	ALLIS CHALMERS	WORTHINGTON	WORTHINGTON	19
Year Installed	1933	1963	1963	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	20,833	20,833	20,833	22
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	WORTHINGTON	WORTHINGTON	24
Year Installed	1933	1963	1963	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	1,500	2,250	2,250	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	NORTHPOINT-PUMP #3	NORTHPOINT-PUMP #5	NORTHPOINT-PUMP #6	1
Location	NORTH POINT STATION	NORTH POINT STATION	NORTH POINT STATION	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	WORTHINGTON	SIMFLO	SIMFLO	5
Year Installed	1963	2004	2004	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	20,833	5,556	6,944	8
Pump Motor or Standby Engine Mfr	WORTHINGTON	SIMFLO	SIMFLO	10
Year Installed	1963	2004	2004	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,250	350	450	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	NORTHPOINT-PUMP #7	OKLAHOMA-PUMP #1	OKLAHOMA-PUMP #2	15
Location	NORTH POINT STATION	OKLAHOMA STATION	OKLAHOMA STATION	16
Purpose	P	B	B	17
Destination	D	D	D	18
Pump Manufacturer	WORTHINGTON	PEERLESS	PERLESS	19
Year Installed	1963	1978	1978	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	17,361	556	556	22
Pump Motor or Standby Engine Mfr	WORTHINGTON	PEERLESS	PEERLESS	24
Year Installed	1963	1978	1978	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	1,000	25	25	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	OKLAHOMA-PUMP #3	OKLAHOMA-PUMP #4	RIVERSIDE-PUMP #1A	1
Location	OKLAHOMA STATION	OKLAHOMA STATION	RIVERSIDE STATION	2
Purpose	B	B	P	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	PEERLESS	PATTERSON	5
Year Installed	1978	1978	1991	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	556	556	20,833	8
Pump Motor or Standby Engine Mfr	PEERLESS	PEERLESS	PATTERSON	9
Year Installed	1978	1978	1991	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	25	25	2,000	12
Footnotes				13
				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	RIVERSIDE-PUMP #1B	RIVERSIDE-PUMP #2	RIVERSIDE-PUMP #3A	15
Location	RIVERSIDE STATION	RIVERSIDE STATION	RIVERSIDE STATION	16
Purpose	P	P	P	17
Destination	D	D	D	18
Pump Manufacturer	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	19
Year Installed	1969	1969	1969	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	17,361	17,361	20,833	22
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	23
Year Installed	1969	1969	1969	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	1,750	1,750	2,000	26
Footnotes				27
				28

## PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	RIVERSIDE-PUMP #3B	RIVERSIDE-PUMP #4	RIVERSIDE-PUMP #5	1
Location	RIVERSIDE STATION	RIVERSIDE STATION	RIVERSIDE STATION	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	ALLIS CHALMERS	FAIRBANKS - MORSE	FAIRBANKS - MORSE	5
Year Installed	1969	1969	1969	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	20,833	17,361	17,361	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	FAIRBANKS - MORSE	FAIRBANKS - MORSE	10
Year Installed	1969	1969	1969	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,000	1,750	1,750	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	RIVERSIDE-PUMP #6A	RIVERSIDE-PUMP #6B	TEXAS-PUMP #2	15
Location	RIVERSIDE STATION	RIVERSIDE STATION	TEXAS STATION	16
Purpose	P	P	P	17
Destination	D	D	T	18
Pump Manufacturer	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	19
Year Installed	1969	1969	1961	20
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)	17,361	17,361	24,305	22
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	FAIRBANKS - MORSE	ALLIS CHALMERS	24
Year Installed	1969	1969	1961	25
Type	ELECTRIC	ELECTRIC	ELECTRIC	26
Horsepower	1,750	1,750	1,200	27
Footnotes				28

### PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	TEXAS-PUMP #4	TEXAS-PUMP #5	TEXAS-PUMP #7	1
Location	TEXAS STATION	TEXAS STATION	TEXAS STATION	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1961	1961	1961	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	24,305	24,305	24,305	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1961	1961	1961	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	1,200	1,200	1,200	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				15
Location				16
Purpose				17
Destination				18
Pump Manufacturer				19
Year Installed				20
Type				21
Actual Capacity (gpm)				22
Pump Motor or Standby Engine Mfr				23 24
Year Installed				25
Type				26
Horsepower				27
Footnotes				28

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	FLORIST TANK ONE	FLORIST TANK TWO	GREENFIELD	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S	S	ET	3 4
Year constructed	1965	1995	1967	5 6
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	STEEL	7 8
Elevation difference in feet (See Headnote 3.)	36	36	187	9 10
Total capacity in gallons (actual)	12,000,000	12,000,000	2,000,000	11 12
<b>WATER TREATMENT PLANT</b>				<b>13</b>
Disinfection, type of equipment (gas, liquid, powder, other)				14 15
Points of application (wellhouse, central facilities, booster station, other)				16 17 18
Filters, type (gravity, pressure, other, none)				19 20
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				21 22 23
Is a corrosion control chemical used (yes, no)?				24 25
Is water fluoridated (yes, no)?				26 27
Footnotes				28

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	HAWLEY	HOWARD PLANT	LINCOLN TANK ONE	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET		S	3
Year constructed	1989		1956	4
Primary material (earthen, steel, concrete, other)	STEEL		STEEL	5
Elevation difference in feet (See Headnote 3.)	289		42	6
Total capacity in gallons (actual)	2,000,000		6,000,000	7
				8
<b>WATER TREATMENT PLANT</b>				9
Disinfection, type of equipment (gas, liquid, powder, other)		GAS		10
Points of application (wellhouse, central facilities, booster station, other)		CENTRAL FACILITIES		11
Filters, type (gravity, pressure, other, none)		GRAVITY		12
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		105.0000		13
Is a corrosion control chemical used (yes, no)?		Y		14
Is water fluoridated (yes, no)?		Y		15
				16
Footnotes				17

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	LINCOLN TANK TWO	LINNWOOD PLANT	MENOMONEE TANK ONE	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S		S	3
Year constructed	1957		1935	4
Primary material (earthen, steel, concrete, other)	STEEL		STEEL	5
Elevation difference in feet (See Headnote 3.)	42		48	6
Total capacity in gallons (actual)	6,000,000		6,000,000	7
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)		GAS		9
Points of application (wellhouse, central facilities, booster station, other)		CENTRAL FACILITIES		10
Filters, type (gravity, pressure, other, none)		GRAVITY		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		275.0000		12
Is a corrosion control chemical used (yes, no)?		Y		13
Is water fluoridated (yes, no)?		Y		14
Footnotes				15

## RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)
Identification number or name	MENOMONEE TANK TWO		1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>			<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S		3
Year constructed	1940		4
Primary material (earthen, steel, concrete, other)	STEEL		5
Elevation difference in feet (See Headnote 3.)	48		6
Total capacity in gallons (actual)	6,000,000		7
<b>WATER TREATMENT PLANT</b>			<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)			9
Points of application (wellhouse, central facilities, booster station, other)			10
Filters, type (gravity, pressure, other, none)			11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)			12
Is a corrosion control chemical used (yes, no)?			13
Is water fluoridated (yes, no)?			14
Footnotes			15

## WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If the assessments are deferred, explain.

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	2.000	4,496	700			5,196	1
M	D	4.000	44,119	31	1,492		42,658	2
P	D	4.000	951				951	3
M	D	6.000	2,721,918	6,116	46,028		2,682,006	4
P	D	6.000	290				290	5
A	D	8.000	0				0	6
M	D	8.000	3,453,576	66,788	26,754		3,493,610	7
P	D	8.000	1,939				1,939	8
M	D	12.000	1,315,728	10,811	7,987		1,318,552	9
M	T	16.000	957,476	1,442	1,209		957,709	10
P	T	16.000	5				5	11
M	T	20.000	61,332	11	6		61,337	12
P	T	20.000	3,654				3,654	13
M	T	24.000	24,418	6		96	24,520	14
P	T	24.000	17,862			(96)	17,766	15
M	T	30.000	74,278			426	74,704	16
P	T	30.000	15,280			(426)	14,854	17
M	T	36.000	101,379		68		101,311	18
P	T	36.000	29,442				29,442	19
M	T	42.000	14,121				14,121	20
P	T	42.000	81,452				81,452	21
M	T	48.000	23,379				23,379	22
P	T	48.000	26,302				26,302	23
M	T	54.000	64,817			(10)	64,807	24
P	T	54.000	72,008			10	72,018	25
P	T	60.000	20,509				20,509	26
<b>Total Within Municipality</b>			<b>9,130,731</b>	<b>85,905</b>	<b>83,544</b>	<b>0</b>	<b>9,133,092</b>	
M	D	2.000	355				355	27
M	D	4.000	6,086				6,086	28
M	D	6.000	91,139	651	380		91,410	29
M	D	8.000	701,935	1,334	11		703,258	30
M	D	12.000	200,088	10	5		200,093	31
M	T	16.000	170,516				170,516	32
M	T	20.000	2,735		5		2,730	33
P	T	20.000	6,544				6,544	34
M	T	24.000	15,307				15,307	35
P	T	24.000	8,241				8,241	36
P	T	30.000	3,408				3,408	37

## WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If the assessments are deferred, explain.

Pipe Material (a)	Main Function (b)	Diameter in 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)			
M	T	36.000	179				179	38
P	T	36.000	4,455				4,455	39
P	T	42.000	1,959				1,959	40
P	T	48.000	10,802				10,802	41
P	T	54.000	25,265				25,265	42
<b>Total Outside of Municipality</b>			<b>1,249,014</b>	<b>1,995</b>	<b>401</b>	<b>0</b>	<b>1,250,608</b>	
<b>Total Utility</b>			<b>10,379,745</b>	<b>87,900</b>	<b>83,945</b>	<b>0</b>	<b>10,383,700</b>	

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## WATER MAINS

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**Water Mains (Page W-19)**

If Added During Year column total is greater than zero, please explain financing following the criteria listed in the schedule headnote No. 5.

Most main additions were replacement of existing mains. These are financed from earnings and are included in Schedule W-8 (Plant Financed by the Utility).

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

The basis of an assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

**Explain all reported Adjustments.**

The adjustments are due to an annual internal audit of the Water Mains Property Ledger. They mainly involve the reclass of pipe material (ductile vs concrete).

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## WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. 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 services recorded under this method.
  - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in 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)	Utility Owned Services Not In Use at End of Year (h)	
						0		1
	0.000					0		2
	0.000					0		3
	0.000					0		4
	0.000					0		5
	0.000					0		6
<b>Total Utility</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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## WATER SERVICES

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**Water Services (Page W-20)**

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

The Water Works doesn't own any water services. The water services are owned by the property owner. However, we maintain the water services from the water main to the curb stop. The property owner is responsible for the maintenance from the curb stop to the building.

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### METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. 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.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).
5. Explain all reported adjustments as a schedule footnote.
6. Do not include station meters in the meter inventory used to complete these tables.

**Number of Utility-Owned Meters**

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	113,756	2,200	3,869		112,087	3,538	* 1
0.750	42,443	300	562		42,181	1,923	* 2
1.000	5,403		75		6,328	216	* 3
1.250	6				6	0	4
1.500	3,576	257	319		3,514	568	5
2.000	1,904	100	10		1,994	289	* 6
3.000	695	35	26		704	303	7
4.000	451	25	26		450	177	8
6.000	256	2	1		257	205	9
8.000	87	3			90	84	10
10.000	31	2	1		32	32	11
12.000	8				8	6	12
14.000	0				0	0	13
16.000	0				0	0	14
<b>Total:</b>	<b>168,616</b>	<b>2,924</b>	<b>4,869</b>	<b>0</b>	<b>166,651</b>	<b>7,341</b>	

**Classification of All Meters at End of Year by Customers**

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	103,831	4,654	288	48	0	3,266	112,087	* 1
0.750	38,587	3,027	297	80	0	190	42,181	* 2
1.000	1,248	3,290	213	325	0	252	5,328	* 3
1.250	1	4	0	1	0	0	6	4
1.500	130	2,542	239	113	0	490	3,514	5
2.000	20	1,225	262	187	0	300	1,994	* 6
3.000	0	380	99	157	0	68	704	7
4.000	0	245	63	94	0	48	450	8
6.000	0	103	45	57	0	52	257	9
8.000	0	33	12	39	0	6	90	10
10.000	0	12	6	14	0	0	32	11
12.000	0	0	0	6	0	2	8	12
14.000	0	0	0	0	0	0	0	13
16.000	0	0	0	0	0	0	0	14
<b>Total:</b>	<b>143,817</b>	<b>15,515</b>	<b>1,524</b>	<b>1,121</b>	<b>0</b>	<b>4,674</b>	<b>166,651</b>	

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## METERS

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### Meters (Page W-21)

Explain program for replacing or testing meters 1" or smaller.

The Water Works has a variance for testing 5/8", 3/4", and 1" size meters (Docket 3720-WI-101).

If 2-inch or greater meters are reported as residential, please explain.

The residential class is reporting 20 meters at the 2" size. This is because of the large mansions that were built along Lake Michigan in the 1930's and 1940's.

Ss. PSC 185.83(2) states "Station meters shall be maintained to ensure reasonable accuracy and shall have the accuracy checked at least once every 2 years." Are all station meters being tested every two years? Answer yes or no. If no, please explain.

Yes.

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## HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
  - a. Fire hydrants normally have a lead size of 6 inches or greater.
  - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

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)	
<b>Fire Hydrants</b>						
Outside of Municipality	2,843	28	17		2,854	1
Within Municipality	16,789	471	290		16,970	2
<b>Total Fire Hydrants</b>	<b>19,632</b>	<b>499</b>	<b>307</b>	<b>0</b>	<b>19,824</b>	
<b>Flushing Hydrants</b>						
	0				0	3
<b>Total Flushing Hydrants</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

NR811.08(5) 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:	7,816	*
Number of distribution system valves end of year:	49,395	
Number of distribution valves operated during year:	2,193	

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## HYDRANTS AND DISTRIBUTION SYSTEM VALVES

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### Hydrants and Distribution System Valves (Page W-22)

#### General footnotes

##### MAIN VALVES -

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

##### HYDRANTS -

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

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