



3013 (02-09-04)

**ANNUAL REPORT**

OF

Name: MILWAUKEE WATER WORKS

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Principal Office: 841 N. BROADWAY ROOM 409  
MILWAUKEE, WI 53202

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For the Year Ended: DECEMBER 31, 1999

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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.*



## TABLE OF CONTENTS

Schedule Name	Page
General Rules for Reporting	i
Signature Page	ii
Table of Contents	iii
Identification and Ownership	iv
<b>FINANCIAL SECTION</b>	
Income Statement	F-01
Income Statement Account Details	F-02
Income from Merchandising, Jobbing & Contract Work (Accts. 415-416)	F-03
Revenues Subject to Wisconsin Remainder Assessment	F-04
Distribution of Total Payroll	F-05
Balance Sheet	F-06
Net Utility Plant	F-07
Accumulated Provision for Depreciation and Amortization of Utility Plant (Acct. 111)	F-08
Net Nonutility Property (Accts. 121 & 122)	F-09
Accumulated Provision for Uncollectible Accounts-Cr. (Acct. 144)	F-10
Materials and Supplies	F-11
Unamortized Debt Discount & Expense & Premium on Debt (Accts. 181 and 251)	F-12
Capital Paid in by Municipality (Acct. 200)	F-13
Bonds (Accts. 221 and 222)	F-14
Notes Payable & Miscellaneous Long-Term Debt	F-15
Taxes Accrued (Acct. 236)	F-16
Interest Accrued (Acct. 237)	F-17
Contributions in Aid of Construction (Account 271)	F-18
Balance Sheet End-of-Year Account Balances	F-19
Return on Rate Base Computation	F-20
Return on Proprietary Capital Computation	F-21
Important Changes During the Year	F-22
Financial Section Footnotes	F-23
<b>WATER OPERATING SECTION</b>	
Water Operating Revenues & Expenses	W-01
Water Operating Revenues - Sales of Water	W-02
Sales for Resale (Acct. 466)	W-03
Other Operating Revenues (Water)	W-04
Water Operation & Maintenance Expenses	W-05
Taxes (Acct. 408 - Water)	W-06
Property Tax Equivalent (Water)	W-07
Water Utility Plant in Service	W-08
Accumulated Provision for Depreciation - Water	W-10
Source of Supply, Pumping and Purchased Water Statistics	W-12
Sources of Water Supply - Ground Waters	W-13
Sources of Water Supply - Surface Waters	W-14
Pumping & Power Equipment	W-15
Reservoirs, Standpipes & Water Treatment	W-16
Water Mains	W-17
Water Services	W-18
Meters	W-19
Hydrants and Distribution System Valves	W-20
Water Operating Section Footnotes	W-21

**IDENTIFICATION AND OWNERSHIP**

**Exact Utility Name:** MILWAUKEE WATER WORKS

**Utility Address:** 841 N. BROADWAY ROOM 409  
MILWAUKEE, WI 53202

**When was utility organized?** 4/18/1871

**Report any change in name:**

**Effective Date:**

**Utility Web Site:**

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

**Name:** MR JAMES W. MEYER

**Title:** ACCOUNTANT III

**Office Address:**

841 NORTH BROADWAY RM 408  
MILWAUKEE, WI 53202

**Telephone:** (414) 286 - 2820

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

**E-mail Address:** jmeyer@mpw.net

**Individual or firm, if other than utility employee, preparing this report:**

**Name:** NONE

**Title:**

**Office Address:**

**Telephone:**

**Fax Number:**

**E-mail Address:**

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

**Name:** NONE

**Title:**

**Office Address:**

**Telephone:**

**Fax Number:**

**E-mail Address:**

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

**IDENTIFICATION AND OWNERSHIP**

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

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**Name:** KPMG PEAT MARWICK LLP

**Title:**

**Office Address:** KPMG PEAT MARWICK LLP  
777 E. WISCONSIN AVENUE  
MILWAUKEE, WI 53202

**Telephone:**

**Fax Number:**

**E-mail Address:**

**Date of most recent audit report:** 6/2/2000

**Period covered by most recent audit:** 01/01/99 THROUGH 12/31/99

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

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**Name:** MS CARRIE M. LEWIS

**Title:** SUPERINTENDENT

**Office Address:**  
841 NORTH BROADWAY RM 409  
MILWAUKEE, WI 53202

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

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

**E-mail Address:**

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**Name of utility commission/committee:** JAMES C KAMINSKI, COMMISSIONER OF PUBLIC WORKS

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

- MR GEORGE C BUTLER, UTIL & LICENSE COMMITTEE
- MR MICHAEL S D'AMATO, UTIL.& LICENSE COMMITTEE
- MR FREDERICK G GORDON, UTIL.& LICENSE COMMITTEE
- MR DANIEL F SCHRAMM, UTIL & LICENSE COMMITTEE
- MR JAMES N WITKOWIAK, UTIL.& LICENSE COMMITTEE

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**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. § 66.077 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

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

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## IDENTIFICATION AND OWNERSHIP

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**Firm Name:**

**Contact Person:**

**Title:**

**Telephone:**

**Fax Number:**

**E-mail Address:**

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

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

no contract services provided.

**INCOME STATEMENT**

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	55,142,772	54,206,025	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	33,428,698	33,960,589	2
Depreciation Expense (403)	8,591,807	7,174,642	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	8,122,413	7,975,218	5
<b>Total Operating Expenses</b>	<b>50,142,918</b>	<b>49,110,449</b>	
<b>Net Operating Income</b>	<b>4,999,854</b>	<b>5,095,576</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	6
<b>Utility Operating Income</b>	<b>4,999,854</b>	<b>5,095,576</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	181,385	135,038	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	43,160	24,480	9
Interest and Dividend Income (419)	1,413,136	2,231,312	10
Miscellaneous Nonoperating Income (421)	0	0	11
<b>Total Other Income</b>	<b>1,637,681</b>	<b>2,390,830</b>	
<b>Total Income</b>	<b>6,637,535</b>	<b>7,486,406</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	32,059	25,133	13
<b>Total Miscellaneous Income Deductions</b>	<b>32,059</b>	<b>25,133</b>	
<b>Income Before Interest Charges</b>	<b>6,605,476</b>	<b>7,461,273</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	3,346,815	2,857,237	14
Amortization of Debt Discount and Expense (428)	0		15
Amortization of Premium on Debt--Cr. (429)	0		16
Interest on Debt to Municipality (430)	0	0	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	872,571	1,904,276	19
<b>Total Interest Charges</b>	<b>2,474,244</b>	<b>952,961</b>	
<b>Net Income</b>	<b>4,131,232</b>	<b>6,508,312</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	215,736,336	210,947,060	20
Balance Transferred from Income (433)	4,131,232	6,508,312	21
Miscellaneous Credits to Surplus (434)	13,147,367	160,949	22
Miscellaneous Debits to Surplus--Debit (435)	7,607,759	1,879,985	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>225,407,176</b>	<b>215,736,336</b>	

### INCOME STATEMENT ACCOUNT DETAILS

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)	Amount (b)	
<b>Revenues from Utility Plant Leased to Others (412):</b>		
NONE	0	1
<b>Total (Acct. 412):</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>		
NONE	0	2
<b>Total (Acct. 413):</b>	<b>0</b>	
<b>Income from Nonutility Operations (417):</b>		
NONE	0	3
<b>Total (Acct. 417):</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>		
USE OF WATER WORKS' PROPERTIES FOR ANTENNA PLACEMENT	43,160	4
<b>Total (Acct. 418):</b>	<b>43,160</b>	
<b>Interest and Dividend Income (419):</b>		
INTEREST EARNED FROM LGIP AND CERTIFICATE OF DEPOSITS	1,413,136	5
<b>Total (Acct. 419):</b>	<b>1,413,136</b>	
<b>Miscellaneous Nonoperating Income (421):</b>		
NONE	0	6
<b>Total (Acct. 421):</b>	<b>0</b>	
<b>Miscellaneous Amortization (425):</b>		
NONE	0	7
<b>Total (Acct. 425):</b>	<b>0</b>	
<b>Other Income Deductions (426):</b>		
MAINTENANCE OF KILBOURN AND NORTH POINT PARKS	18,530	8
MAINTENANCE OF ORNAMENTAL AND DRINKING FOUNTAINS	10,809	9
MAINTENANCE OF PRYOR AVE MINERAL WATER WELL	1,544	10
DEPRECIATION OF NON-UTILITY PROPERTY	1,176	11
<b>Total (Acct. 426):</b>	<b>32,059</b>	
<b>Miscellaneous Credits to Surplus (434):</b>		
TAX EQUIVALENT FORMULA VARIATIONS	237,837	12
1999 DEBT SERVICE TAKEN BY CITY 12/98, PAID 1999	7,671,944	13
1998 UNBILLED ACCT REC REVENUE	5,237,586	14
<b>Total (Acct. 434):</b>	<b>13,147,367</b>	
<b>Miscellaneous Debits to Surplus (435):</b>		
2000 DEBT SERVICE TAKEN BY CITY 12/99	7,607,759	15
<b>Total (Acct. 435)--Debit:</b>	<b>7,607,759</b>	
<b>Appropriations of Surplus (436):</b>		
Detail appropriations to (from) account 215	0	16
<b>Total (Acct. 436)--Debit:</b>	<b>0</b>	

### INCOME STATEMENT ACCOUNT DETAILS

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)	Amount (b)
<b>Appropriations of Income to Municipal Funds (439):</b>	
NONE	0 17
<b>Total (Acct. 439)--Debit:</b>	<b>0</b>

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

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	303,783				303,783	1
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold	0				0	2
Payroll	88,334				88,334	3
Materials	34,064				34,064	4
Taxes	0				0	5
<b>Other (list by major classes):</b>						
NONE					0	6
<b>Total costs and expenses</b>	<b>122,398</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122,398</b>	
<b>Net income (or loss)</b>	<b>181,385</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,385</b>	

### REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	55,142,772	0	0	0	55,142,772	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
<b>Other Increases or (Decreases) to Operating Revenues - Specify:</b>						
NONE	0				0	6
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>55,142,772</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55,142,772</b>	

### DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. 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.
3. 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	13,761,395		13,761,395	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	85,038		85,038	6
Other nonutility expenses	17,110		17,110	7
Water utility plant accounts	1,835,709		1,835,709	8
Electric utility plant accounts			0	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant			0	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts			0	18
All other accounts			0	19
<b>Total Payroll</b>	<b>15,699,252</b>	<b>0</b>	<b>15,699,252</b>	

### BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>UTILITY PLANT</b>			
Utility Plant (101-107)	459,642,826	432,161,180	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	109,596,680	103,393,161	2
<b>Net Utility Plant</b>	<b>350,046,146</b>	<b>328,768,019</b>	
Utility Plant Acquisition Adjustments (117-118)	0	0	3
Other Utility Plant Adjustments (119)	0	0	4
<b>Total Net Utility Plant</b>	<b>350,046,146</b>	<b>328,768,019</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	563,903	563,903	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	118,975	117,799	6
<b>Net Nonutility Property</b>	<b>444,928</b>	<b>446,104</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Special Funds (125-128)	0	0	9
<b>Total Other Property and Investments</b>	<b>444,928</b>	<b>446,104</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash and Working Funds (131)	1,726,667	2,890,792	10
Special Deposits (132-134)	7,971,640	24,751,917	11
Working Funds (135)	500	500	12
Temporary Cash Investments (136)	0	0	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	9,447,451	9,226,192	15
Other Accounts Receivable (143)	0	0	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	0	0	18
Materials and Supplies (151-163)	2,704,613	2,397,427	19
Prepayments (165)	77,776	61,813	20
Interest and Dividends Receivable (171)	88,206	203,818	21
Accrued Utility Revenues (173)	5,641,684	0	22
Miscellaneous Current and Accrued Assets (174)	0	116,411	23
<b>Total Current and Accrued Assets</b>	<b>27,658,537</b>	<b>39,648,870</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	0	0	24
Other Deferred Debits (182-186)	1,511,190	1,029,796	25
<b>Total Deferred Debits</b>	<b>1,511,190</b>	<b>1,029,796</b>	
<b>Total Assets and Other Debits</b>	<b>379,660,801</b>	<b>369,892,789</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)	0	0	26
Appropriated Earned Surplus (215)		0	27
Unappropriated Earned Surplus (216)	225,407,176	215,736,336	28
<b>Total Proprietary Capital</b>	<b>225,407,176</b>	<b>215,736,336</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221-222)	74,990,480	66,917,610	29
Advances from Municipality (223)	0	0	30
Other Long-Term Debt (224)	0	0	31
<b>Total Long-Term Debt</b>	<b>74,990,480</b>	<b>66,917,610</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	32
Accounts Payable (232)	3,360,833	643,235	33
Payables to Municipality (233)	675,283	12,347,358	34
Customer Deposits (235)	0	0	35
Taxes Accrued (236)	0	104,629	36
Interest Accrued (237)	390,158	339,903	37
Matured Long-Term Debt (239)	0	0	38
Matured Interest (240)	0	0	39
Tax Collections Payable (241)	0	0	40
Miscellaneous Current and Accrued Liabilities (242)	2,875,461	3,558,707	41
<b>Total Current and Accrued Liabilities</b>	<b>7,301,735</b>	<b>16,993,832</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)	0	0	43
Other Deferred Credits (253)	0	0	44
<b>Total Deferred Credits</b>	<b>0</b>	<b>0</b>	
<b>OPERATING RESERVES</b>			
Property Insurance Reserve (261)	0	0	45
Injuries and Damages Reserve (262)	0	0	46
Pensions and Benefits Reserve (263)	0	0	47
Miscellaneous Operating Reserves (265)	0	0	48
<b>Total Operating Reserves</b>	<b>0</b>	<b>0</b>	
<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
Contributions in Aid of Construction (271)	71,961,410	70,245,011	49
<b>Total Liabilities and Other Credits</b>	<b>379,660,801</b>	<b>369,892,789</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>Plant Accounts:</b>					
Utility Plant in Service (101)	447,223,008	0	0	0	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)					5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	12,419,818				7
<b>Total Utility Plant</b>	<b>459,642,826</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 (111)	109,596,680	0	0	0	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)					10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
<b>Total Accumulated Provision</b>	<b>109,596,680</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>350,046,146</b>	<b>0</b>	<b>0</b>	<b>0</b>	

## ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 111)

Depreciation Accruals (Credits) during the year:

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)	
<b>Balance first of year</b>	103,393,161				<b>103,393,161</b>	<b>1</b>
<b>Credits During Year</b>						<b>2</b>
<b>Accruals:</b>						<b>3</b>
Charged depreciation expense (403)	8,591,807				<b>8,591,807</b>	<b>4</b>
Depreciation expense on meters						<b>5</b>
charged to sewer (see Note 3)	1,049,421				<b>1,049,421</b>	<b>6</b>
Accruals charged other						<b>7</b>
accounts (specify):						<b>8</b>
					<b>0</b>	<b>9</b>
Salvage	18,143				<b>18,143</b>	<b>10</b>
Other credits (specify):						<b>11</b>
					<b>0</b>	<b>12</b>
<b>Total credits</b>	<b>9,659,371</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,659,371</b>	<b>13</b>
<b>Debits during year</b>						<b>14</b>
Book cost of plant retired	2,973,652				<b>2,973,652</b>	<b>15</b>
Cost of removal	482,200				<b>482,200</b>	<b>16</b>
Other debits (specify):						<b>17</b>
					<b>0</b>	<b>18</b>
<b>Total debits</b>	<b>3,455,852</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,455,852</b>	<b>19</b>
<b>Balance End of Year</b>	<b>109,596,680</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109,596,680</b>	<b>20</b>
						<b>21</b>
						<b>22</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
<b>Other (specify):</b>					
Kilbourn Park Structures & Improvements	16,480			16,480	2
Kilbourn Park Equipment	8,320			8,320	3
Land - Grange Station	23,604			23,604	4
Land - Howard Treatment Plant	338,960			338,960	5
Riverside Park Equipment	11,238			11,238	6
Riverside Park - Structures & Improvem.	17,708			17,708	7
North Point Tower	53,239			53,239	8
North Point Parks - Struc. & Improvem.	65,728			65,728	9
Land - Bluemound Tank Site	6,759			6,759	10
Land - Florist Station	21,867			21,867	11
<b>Total Nonutility Property (121)</b>	<b>563,903</b>	<b>0</b>	<b>0</b>	<b>563,903</b>	
Less accum. prov. depr. & amort. (122)	117,799	1,176		118,975	12
<b>Net Nonutility Property</b>	<b>446,104</b>	<b>(1,176)</b>	<b>0</b>	<b>444,928</b>	

**ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)**

Particulars (a)	Amount (b)
Balance first of year	0 1
<b>Additions:</b>	
Provision for uncollectibles during year	0 2
Collection of accounts previously written off: Utility Customers	0 3
Collection of accounts previously written off: Others	0 4
<b>Total Additions</b>	<b>0</b>
<b>Deductions:</b>	
Accounts written off during the year: Utility Customers	0 5
Accounts written off during the year: Others	0 6
<b>Total accounts written off</b>	<b>0</b>
<b>Balance end of year</b>	<b>0</b>

### 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)	2,704,613	2,397,427 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>2,704,613</b>	<b>2,397,427</b>

**UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT  
(ACCTS. 181 AND 251)**

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

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
<b>Unamortized debt discount &amp; expense (181)</b>				
NONE	0	0	0	1
<b>Total</b>			<b>0</b>	
<b>Unamortized premium on debt (251)</b>				
NONE	0	0	0	2
<b>Total</b>			<b>0</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	0 1
<b>Changes during year (explain):</b>	
NONE	0 2
<b>Balance end of year</b>	<b><u>0</u></b>

**BONDS (ACCTS. 221 AND 222)**

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)	
Series C - 1st Issue	06/15/1995	06/15/2010	5.00%	1,666,970	<b>1</b>
Series D - 1st Issue	11/15/1995	11/15/2010	5.00%	5,135,515	<b>2</b>
Series C/D - Refunding Issue	01/23/1996	02/01/2015	5.83%	4,908,529	<b>3</b>
Series E - 1st Issue	06/11/1996	06/11/2011	5.49%	7,197,608	<b>4</b>
Series F - 1st Issue	11/12/1996	11/12/2011	4.97%	10,479,584	<b>5</b>
Series G - 1st Issue	06/15/1997	06/15/2012	4.93%	3,649,758	<b>6</b>
Series J - 1st Issue	12/01/1997	12/01/2012	4.78%	7,553,704	<b>7</b>
Series K - 1st Issue	06/15/1998	06/15/2013	4.64%	16,839,434	<b>8</b>
SDW - 1ST ISSUE	12/22/1998	05/01/2018	2.64%	4,873,153	<b>9</b>
SDW - 2ND ISSUE	03/24/1999	05/01/2018	2.64%	1,618,213	<b>10</b>
SDW - 3RD ISSUE	04/14/1999	05/01/2018	2.64%	5,001,067	<b>11</b>
SDW - 4TH ISSUE	08/11/1999	05/01/2018	2.64%	4,148,305	<b>12</b>
SDW - 5TH ISSUE	12/22/1999	05/01/2018	2.64%	1,918,640	<b>13</b>
<b>Total Bonds (Account 221):</b>				<b>74,990,480</b>	
Total Reacquired Bonds (Account 222)				0	<b>14</b>

**Net amount of bonds outstanding December 31: 74,990,480**

### 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.

<b>Account and Description of Obligation (a and b)</b>	<b>Date of Issue (c)</b>	<b>Final Maturity Date (d)</b>	<b>Interest Rate (e)</b>	<b>Principal Amount End of Year (f)</b>
------------------------------------------------------------	------------------------------	------------------------------------	------------------------------	---------------------------------------------

NONE

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	104,629	1
<b>Accruals:</b>		
Charged water department expense	8,017,784	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>8,017,784</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes	7,040,048	6
Social Security taxes	986,312	7
PSC Remainder Assessment	96,053	8
<b>Other (explain):</b>		
NONE		9
<b>Total payments and other debits</b>	<b>8,122,413</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 231.

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>					
Series C - 1st Issue	4,048	88,607	89,266	3,389	1
Series D - 1st Issue	35,582	280,069	284,654	30,997	2
Series C & D Refunding Issue	130,248	282,596	282,596	130,248	3
Series E - 1st Issue	17,694	408,414	409,663	16,445	4
Series F - 1st Issue	73,140	579,663	585,122	67,681	5
Series G - 1st Issue	8,365	193,147	193,733	7,779	6
Series J - 1st Issue	31,524	376,345	378,286	29,583	7
Series K 1st Issue	36,086	838,343	840,477	33,952	8
SDW - 1st Issue	3,216	128,652	110,426	21,442	9
SDW - 2 ND ISSUE		32,871	25,751	7,120	10
SDW - 3 RD ISSUE		94,254	72,249	22,005	11
SDW - 4 TH ISSUE		42,589	24,337	18,252	12
SDW - 5 TH ISSUE		1,265		1,265	13
<b>Subtotal</b>	<b>339,903</b>	<b>3,346,815</b>	<b>3,296,560</b>	<b>390,158</b>	
<b>Advances from Municipality (223)</b>					
NONE	0			0	14
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			0	15
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	0			0	16
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>339,903</b>	<b>3,346,815</b>	<b>3,296,560</b>	<b>390,158</b>	

**CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)**

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	70,245,011	0	0	0	0	<b>70,245,011</b>	1
<b>Add credits during year:</b>							
For Services						<b>0</b>	2
For Mains	1,716,399					<b>1,716,399</b>	3
<b>Other (specify):</b>							
NONE						<b>0</b>	4
<b>Deduct charges (specify):</b>							
NONE						<b>0</b>	5
<b>Balance End of Year</b>	<b>71,961,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>71,961,410</b>	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	2,512,669					<b>2,512,669</b>	6

### BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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	0	1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
NONE	0	2
<b>Total (Acct. 124):</b>	<b>0</b>	
<b>Sinking Funds (125):</b>		
NONE	0	3
<b>Total (Acct. 125):</b>	<b>0</b>	
<b>Depreciation Fund (126):</b>		
NONE	0	4
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
NONE	0	5
<b>Total (Acct. 128):</b>	<b>0</b>	
<b>Interest Special Deposits (132):</b>		
NONE	0	6
<b>Total (Acct. 132):</b>	<b>0</b>	
<b>Other Special Deposits (134):</b>		
INVESTMENTS BY CITY TREASURER	7,971,640	7
<b>Total (Acct. 134):</b>	<b>7,971,640</b>	
<b>Notes Receivable (141):</b>		
NONE	0	8
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	8,944,978	9
Electric		10
Sewer (Regulated)		11
<b>Other (specify):</b>		
SUNDRY BILLINGS	502,473	12
<b>Total (Acct. 142):</b>	<b>9,447,451</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		13
Merchandising, jobbing and contract work		14
<b>Other (specify):</b>		
NONE	0	15
<b>Total (Acct. 143):</b>	<b>0</b>	

### BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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>Receivables from Municipality (145):</b>		
NONE	0	16
<b>Total (Acct. 145):</b>	<b>0</b>	
<b>Prepayments (165):</b>		
DPW REIMBURSEMENT CARRYOVER FROM 1999 TO 2000	77,776	17
<b>Total (Acct. 165):</b>	<b>77,776</b>	
<b>Extraordinary Property Losses (182):</b>		
NONE	0	18
<b>Total (Acct. 182):</b>	<b>0</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
NONE	0	19
<b>Total (Acct. 183):</b>	<b>0</b>	
<b>Clearing Accounts (184):</b>		
NONE	0	20
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE	0	21
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
BILLABLE WORK IN PROGRESS	1,511,190	22
<b>Total (Acct. 186):</b>	<b>1,511,190</b>	
<b>Payables to Municipality (233):</b>		
DUE TO GENERAL FUND - 01	219,631	23
DUE TO SEWER TREATMENT FUND - 46	347,694	24
DUE TO SEWER MAINTENANCE FUND - 49	107,958	25
<b>Total (Acct. 233):</b>	<b>675,283</b>	
<b>Other Deferred Credits (253):</b>		
NONE	0	26
<b>Total (Acct. 253):</b>	<b>0</b>	

### 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 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	432,554,759	0	0	0	432,554,759	1
Materials and Supplies	2,551,020	0	0	0	2,551,020	2
<b>Other (specify):</b>						
NONE					0	3
<b>Less Average:</b>						
Reserve for Depreciation	106,494,920	0	0	0	106,494,920	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	71,103,210	0	0	0	71,103,210	6
<b>Other (specify):</b>						
NONE					0	7
<b>Average Net Rate Base</b>	<b>257,507,649</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>257,507,649</b>	
Net Operating Income	4,999,854	0	0	0	4,999,854	8
<b>Net Operating Income as a percent of Average Net Rate Base</b>						
	1.94%	N/A	N/A	N/A	1.94%	

## RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.  
 2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
<b>Average Proprietary Capital</b>		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	220,571,756	3
<b>Other (Specify):</b>		
NONE		4
<b>Total Average Proprietary Capital</b>	<b>220,571,756</b>	
<b>Net Income</b>		
Net Income	4,131,232	5
 <b>Percent Return on Proprietary Capital</b>	 <b>1.87%</b>	

## IMPORTANT CHANGES DURING THE YEAR

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

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**1. Acquisitions.**

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**2. Leaseholder changes.**

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**3. Extensions of service.**

Service to a portion of the Village of Menomonee Falls began in September, 1999. The portion which lies within the Lake Michigan watershed is being served, and revenues are included in Account 466, Sales for Resale.

Service to a small area of the City of Mequon began in November, 1999. Water is sold at Wholesale Account 466) to the Wisconsin Gas Company which operates as a water utility and serves the Mequon customers.

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**4. Estimated changes in revenues due to rate changes.**

The water rate increase granted August 30, 1999 per Docket 3720-WR-103 did not have a significant effect on 1999 revenues due to the Milwaukee Water Works' quarterly billing system for most retail customers.

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**5. Obligations incurred or assumed, excluding commercial paper.**

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**6. Formal proceedings with the Public Service Commission.**

Following a Public Hearing on July 15, 1999, the Commission granted a rate increase on August 30, 1999, this being the conclusion of Docket 3720-WR-103.

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**7. Any additional matters.**

The formerly stand-alone accounting and reporting system of the Milwaukee Water Works was replaced by a new, city-wide accounting system that combines both the budgetary and proprietary accounting. This system was placed into service 1/1/99.

This is the second revision of the Milwaukee Water Works 1999 Annual Report. It reports fringe benefits and social security taxes in PSC 926 and PSC 408 respectively, as required by the PSC. The previous version of the Annual Report allocated the fringe benefits and social security taxes among the Operating and Maintenance Expenses. This handling occurred as a result of the change in accounting systems in 1999.

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**FINANCIAL SECTION FOOTNOTES**

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**Income Statement Account Details (Page F-02)**

Account 434, Miscellaneous Credits to Surplus:

Line 12, Tax Equivalent Formula Variations. The City of Milwaukee charges the Water Works City and School tax rates, but not the Vocational School tax rate, as it considers the Vocational school to be not part of the City but part of a regional entity. Nor does it recognize any of the State Tax Credit. Thus, for 1999, the City charged Water Works a tax equivalent of \$7,010,110, while, by PSC formula the tax equivalent was \$7,247,947. The difference of \$237,837 was recorded as a Miscellaneous Credit to Surplus.

Line 13, 1998 Unbilled Accounts Receivable. This item, for many years required for "Enterprise Fund" reporting, but not by PSC, is now being added to PSC Annual Report, the balance as of 12/31/98 being shown as a Miscellaneous Credit to Surplus, with 1999 additions reported as an addition to Revenue, Account 474, Page W-4. The DR for Unbilled Accounts Receivable is to Account 173, Accrued Utility Revenue.

Lines 14 and 15, Debt Service Payments. Each year at year's end by State Statute, the City must take cash from the Water Works in an amount equal to the coming year's Debt Service. The Water Works records this as a Misc. Debit to Surplus, Account 435. At the end of that year, the City returns the cash to the Water Works and the Water Works uses it to pay its Debt Service. The Water Works records the receipt of the returned cash as a Miscellaneous Credit to Surplus, Account 434. These entries began to appear in the Water Works Income Statement in 1995, when the Water Works began borrowing to pay for the ozone, water treatment and intake expansion projects. In Dec. 1999, the City took \$7,607,759 to cover the 2000 Debt Service (DR: Account 435) while returning \$7,671,944 to the Water Works to be used to pay the 1999 Debt Service. (CR: Account 434)

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**FINANCIAL SECTION FOOTNOTES**

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**Identification and Ownership - Commission/Committee (Page iv)**

November 22, 2000

Mr. James W. Meyer, Accountant III  
Milwaukee Water Works  
841 North Broadway, Room 408  
Milwaukee, WI 53202-3613

1999 Analytical Review DWCCA-3720-ELE

Dear Mr. Meyer:

The Public Service Commission (Commission) is in the process of completing an analytical review of your utility's 1999 annual report. The purposes of an analytical review are to detect possible reporting or accounting related errors and to identify significant fluctuations from established trends in reported data not sufficiently explained in the annual report. It is our hope that our review will supply information that will enable us to better provide guidance to your utility regarding proper utility accounting and the preparation of future annual reports. In order to complete this review, we request the following information:

1. The schedule note to the Pumping and Power Equipment schedule indicates that actual capacity is greater than reported capacity because the software would not allow a greater number. If possible, that situation will be corrected in an optional, enhanced version of the program to be available for download in January, 2001. It is not necessary to wait for the enhanced version to prepare your 2000 annual report. Please continue to use the schedule note for this situation until such time as it can be repaired. The same is true for the Hydrant and Distribution System Valve schedule. (If the section of the Code requiring hydrant and valve operation is repealed in 2001, as is anticipated, this section of the Hydrant schedule will be deleted from the 2001 report. The prompts for completion will be turned off for the 2000 report).

2. The water operating section footnotes in the utility's 1999 PSC annual report indicates that Account 926, Pensions and Benefits, as well as Account 408, Taxes were spread over all of the labor operation and maintenance accounts. Notwithstanding your new financial management information system, such a procedure is not appropriate. The current Uniform System of Accounts (USOA) for Municipal Water Utilities requires that these expenditures for social security taxes and pensions and benefits be charged to Accounts 408 and 926 respectively and remain there with the exception of amounts appropriately charged to construction or to non-utility operations. The PSC has not authorized a change to the USOA permitting the allocation of these two accounts to all the labor operation and maintenance accounts.

Therefore, the utility will have to reclassify these 1999 expenditures back to Accounts 926 and 408 and submit a corrected 1999 PSC Annual Report reflecting the current accounting prescribed by the USOA. In addition, please confirm that the appropriate steps will be taken to ensure that for the year 2000 PSC Annual Report, the accounting for these two accounts will be in accordance with the current prescribed USOA.

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## FINANCIAL SECTION FOOTNOTES

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3. We noted that \$43,160 is reported in Account 418, Nonoperating Rental Income, described as "use of water works' properties for antenna placement." This amount is more appropriately reported in Account 472, Rents from Water Property. Please follow this procedure in the future.

4. We noted \$675,283 reported in Account 233, Payables to Municipality, Page F-19, described as "due to city of Milwaukee." The head note to this schedule requests that amounts greater than \$10,000 be described fully using other than account title. Please provide slightly more detail describing this amount.

5. We noted that it appears that some 6-inch and 12-inch meters in service on the Meters schedule, page W-19, were not tested (column g). The 6-inch and 12-inch meters are to be tested annually per the Wisconsin Administrative Code. Please make every effort to test your meters in compliance with the Code.

We appreciate your cooperation in providing the above information. These recommendations are intended to provide accounting assistance and should not be construed as criticisms of utility personnel. If you have any questions, please feel free to contact me at (608) 266-3768. Please respond within 30 days of this letter. If it is convenient for you to respond by e-mail, please do so. My e-mail address is [engele@psc.state.wi.us](mailto:engele@psc.state.wi.us). If we have no questions regarding your response, you can consider the review closed.

Sincerely,

Elaine Engelke  
Financial Specialist  
Division of Water, Compliance, and Consumer Affairs

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## FINANCIAL SECTION FOOTNOTES

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### Identification and Ownership - Contacts (Page iv)

(2nd report (revised) added to wegs 1/23/01 ele)

Elaine,

The Attachments to this email contain the Milwaukee Water Works 2nd revised 1999 Annual Report. This revised version reports the fringe benefits and social security taxes in PSC 926 and 408 respectively, as requested in your Analytical Review letter. Also, in response to point 4 of the letter, the Report provides more detail on page F-19 concerning Account 233, Accounts Payable to Municipality. Finally, we have noted for our future handling the points you make in items 1, 3 and 5.

If there are any further questions please let me know. Thank you for your help.

Dave Kirchgessner  
Milwaukee Water Works  
841 N. Broadway, Room 409  
Milwaukee, W. 53202  
email: dkirch@mpw.net  
telephone: 414-286-2810

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**WATER OPERATING REVENUES & EXPENSES**

Particulars (a)	Amounts (b)	
<b>Operating Revenues</b>		
<b>Sales of Water</b>		
Sales of Water (460-467)	53,044,527	1
<b>Total Sales of Water</b>	<b>53,044,527</b>	
<b>Other Operating Revenues</b>		
Forfeited Discounts (470)	1,298,569	2
Miscellaneous Service Revenues (471)	124,211	3
Rents from Water Property (472)	0	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	675,465	6
Amortization of Construction Grants (475)	0	7
<b>Total Other Operating Revenues</b>	<b>2,098,245</b>	
<b>Total Operating Revenues</b>	<b>55,142,772</b>	
<b>Operation and Maintenance Expenses</b>		
Source of Supply Expense (600-617)	0	8
Pumping Expenses (620-633)	4,986,187	9
Water Treatment Expenses (640-652)	6,421,259	10
Transmission and Distribution Expenses (660-678)	12,013,154	11
Customer Accounts Expenses (901-905)	1,110,471	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	8,897,627	14
<b>Total Operation and Maintenance Expenses</b>	<b>33,428,698</b>	
<b>Other Operating Expenses</b>		
Depreciation Expense (403)	8,591,807	15
Amortization Expense (404-407)	0	16
Taxes (408)	8,122,413	17
<b>Total Other Operating Expenses</b>	<b>16,714,220</b>	
<b>Total Operating Expenses</b>	<b>50,142,918</b>	
<b>NET OPERATING INCOME</b>	<b>4,999,854</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. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	384	230,924	125,940	2
Industrial				3
<b>Total Unmetered Sales to General Customers (460)</b>	<b>384</b>	<b>230,924</b>	<b>125,940</b>	
Metered Sales to General Customers (461)				
Residential	141,382	14,045,762	21,845,119	4
Commercial	14,858	9,653,887	12,604,291	5
Industrial	1,400	8,668,644	7,178,603	6
<b>Total Metered Sales to General Customers (461)</b>	<b>157,640</b>	<b>32,368,293</b>	<b>41,628,013</b>	
Private Fire Protection Service (462)	2,048		482,419	7
Public Fire Protection Service (463)	10		4,153,325	8
Other Sales to Public Authorities (464)	292	2,097,690	1,593,024	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)	11	7,203,951	5,061,806	11
Interdepartmental Sales (467)				12
<b>Total Sales of Water</b>	<b>160,385</b>	<b>41,900,858</b>	<b>53,044,527</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 MEQUON	N.76TH ST. & W. COUNTY LINE RD.	18,531	12,881	<b>1</b>
CITY OF WAUWATOSA	W. CLARKE ST. & W.O. N.61 ST.	2,334,693	1,614,533	<b>2</b>
CITY OF WAUWATOSA	N. 60TH & W. STATE STREET			<b>3</b>
CITY OF WAUWATOSA	N. 84TH ST. & W. DANA COURT			<b>4</b>
CITY OF WEST ALLIS	S. 77TH & W. PIERCE STREET	2,706,222	1,770,707	<b>5</b>
CITY OF WEST ALLIS	S. 56TH ST. & W. NATIONAL AVE			<b>6</b>
CUDAHY, SHORE, BUTLER, GREEN	STANDBY CHARGES		12,784	<b>7</b>
VILLAGE OF BROWN DEER	N. 60TH ST. & W. BRADLEY RD.	566,460	423,872	<b>8</b>
VILLAGE OF BROWN DEER	N. 40TH ST. & W. CALUMET RD.			<b>9</b>
VILLAGE OF GREENDALE	S. 60TH ST. & W. EDGERTON AVE	548,121	487,474	<b>10</b>
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. SILVER SPRING F			<b>11</b>
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. BRADLEY RD.	541,394	361,869	<b>12</b>
VILLAGE OF SHOREWOOD	N. OAKLAND & E. EDGEWOOD AVE	488,530	377,686	<b>13</b>
VILLAGE OF SHOREWOOD	N. DOWNER & E. EDGEWOOD AVE			<b>14</b>
<b>Total</b>		<b>7,203,951</b>	<b>5,061,806</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)	3,803,231	1
Wholesale fire protection billed	350,094	2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)	0	3
<b>Other (specify):</b> NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>4,153,325</b>	
<b>Forfeited Discounts (470):</b>		
Customer late payment charges	965,155	5
<b>Other (specify):</b> DELINQUENT PENALTIES -TAX ROLL ACCOUNTS	333,414	6
<b>Total Forfeited Discounts (470)</b>	<b>1,298,569</b>	
<b>Miscellaneous Service Revenues (471):</b>		
ACCOMMODATION WATER SERVICE (HOSE CONNECTIONS)	1,817	7
INVESTIGATION CHARGES	624	8
COLLECTION FEES	10,186	9
STATUS OF ACCOUNT FEES	83,356	10
NSF CHECK FEES	8,792	11
METER RESET FEES	2,085	12
FINAL BILL FEES	17,351	13
<b>Total Miscellaneous Service Revenues (471)</b>	<b>124,211</b>	
<b>Rents from Water Property (472):</b>		
NONE	0	14
<b>Total Rents from Water Property (472)</b>	<b>0</b>	
<b>Interdepartmental Rents (473):</b>		
NONE	0	15
<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	411,296	16
<b>Other (specify):</b> REIMBURSEMENT FROM SEWER USER LESS THAN EXPENDITURES	(204,508)	17
ADJUSTMENT OF UNBILLED ACCOUNTS RECEIVABLE	404,099	18
ADJUSTMENT OF BAD DEBT PROVISION	50,000	19
SALE OF MATERIALS AND SUPPLIES	14,578	20
<b>Total Other Water Revenues (474)</b>	<b>675,465</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).

<b>Particulars (a)</b>	<b>Amount (b)</b>
<b>Amortization of Construction Grants (475):</b>	
NONE	0 21
<b>Total Amortization of Construction Grants (475)</b>	<b>0</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)	Amount (b)	
<b>SOURCE OF SUPPLY EXPENSES</b>		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)		8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)		10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
<b>Total Source of Supply Expenses</b>	<b>0</b>	
<b>PUMPING EXPENSES</b>		
Operation Supervision and Engineering (620)		14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	3,481,499	17
Pumping Labor and Expenses (624)	452,025	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	30,027	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	149,288	22
Maintenance of Structures and Improvements (631)	608,491	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	264,857	25
<b>Total Pumping Expenses</b>	<b>4,986,187</b>	
<b>WATER TREATMENT EXPENSES</b>		
Operation Supervision and Engineering (640)	542,398	26
Chemicals (641)	1,202,206	27

## 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)	Amount (b)	
<b>WATER TREATMENT EXPENSES</b>		
Operation Labor and Expenses (642)	2,645,880	28
Miscellaneous Expenses (643)	387,352	29
Rents (644)		30
Maintenance Supervision and Engineering (650)	168,802	31
Maintenance of Structures and Improvements (651)	527,021	32
Maintenance of Water Treatment Equipment (652)	947,600	33
<b>Total Water Treatment Expenses</b>	<b>6,421,259</b>	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
Operation Supervision and Engineering (660)	902,730	34
Storage Facilities Expenses (661)		35
Transmission and Distribution Lines Expenses (662)	882,705	36
Meter Expenses (663)	472,414	37
Customer Installations Expenses (664)		38
Miscellaneous Expenses (665)	1,554,294	39
Rents (666)		40
Maintenance Supervision and Engineering (670)		41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	300,381	43
Maintenance of Transmission and Distribution Mains (673)	4,287,805	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	2,539,314	46
Maintenance of Meters (676)	219,605	47
Maintenance of Hydrants (677)	422,057	48
Maintenance of Miscellaneous Plant (678)	431,849	49
<b>Total Transmission and Distribution Expenses</b>	<b>12,013,154</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Supervision (901)	39,524	50
Meter Reading Labor (902)	435,348	51
Customer Records and Collection Expenses (903)	635,599	52
Uncollectible Accounts (904)		53

## 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)	Amount (b)	
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Miscellaneous Customer Accounts Expenses (905)		54
<b>Total Customer Accounts Expenses</b>	<b>1,110,471</b>	
 <b>SALES EXPENSES</b>		
Sales Expenses (910)		55
<b>Total Sales Expenses</b>	<b>0</b>	
 <b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
Administrative and General Salaries (920)	2,915,896	56
Office Supplies and Expenses (921)	142,696	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	1,510,876	59
Property Insurance (924)	57,496	60
Injuries and Damages (925)	855,050	61
Employee Pensions and Benefits (926)	3,215,242	62
Regulatory Commission Expenses (928)	43,696	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	120,629	65
Rents (931)	4,455	66
Maintenance of General Plant (932)	31,591	67
<b>Total Administrative and General Expenses</b>	<b>8,897,627</b>	
 <b>Total Operation and Maintenance Expenses</b>	 <b>33,428,698</b>	

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

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

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		7,247,947	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		207,899	2
<b>Net property tax equivalent</b>		<b>7,040,048</b>	
Social Security		986,312	3
PSC Remainder Assessment		96,053	4
Other (specify):		0	5
<b>Total tax expense</b>		<b><u>8,122,413</u></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, 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 § 66.069(1)(c). 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>							<b>2</b>
State tax rate	mills		0.210000				3
County tax rate	mills		5.820000				4
Local tax rate	mills		9.690000				5
School tax rate	mills		10.380000				6
Voc. school tax rate	mills		2.160000				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		1.800000				9
<b>Total tax rate</b>	mills		<b>30.060000</b>				<b>10</b>
Less: state credit	mills		2.000000				11
<b>Net tax rate</b>	mills		<b>28.060000</b>				<b>12</b>
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							<b>13</b>
<b>Local Tax Rate</b>	mills		<b>9.690000</b>				<b>14</b>
<b>Combined School Tax Rate</b>	mills		<b>12.540000</b>				<b>15</b>
<b>Other Tax Rate - Local</b>	mills		<b>0.000000</b>				<b>16</b>
<b>Total Local &amp; School Tax</b>	mills		<b>22.230000</b>				<b>17</b>
<b>Total Tax Rate</b>	mills		<b>30.060000</b>				<b>18</b>
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.739521</b>				<b>19</b>
<b>Total tax net of state credit</b>	mills		<b>28.060000</b>				<b>20</b>
<b>Net Local and School Tax Rate</b>	mills		<b>20.750958</b>				<b>21</b>
Utility Plant, Jan. 1	\$	<b>432,161,180</b>	432,161,180				22
Materials & Supplies	\$	<b>2,397,427</b>	2,397,427				23
<b>Subtotal</b>	\$	<b>434,558,607</b>	<b>434,558,607</b>				<b>24</b>
Less: Plant Outside Limits	\$	<b>60,113,354</b>	60,113,354				25
<b>Taxable Assets</b>	\$	<b>374,445,253</b>	<b>374,445,253</b>				<b>26</b>
Assessment Ratio	dec.		0.932800				27
<b>Assessed Value</b>	\$	<b>349,282,532</b>	<b>349,282,532</b>				<b>28</b>
<b>Net Local &amp; School Rate</b>	mills		<b>20.750958</b>				<b>29</b>
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>7,247,947</b>	<b>7,247,947</b>				<b>30</b>
Tax Equivalent per 1994 PSC Report	\$	6,904,063					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32 33
<b>Tax equiv. for current year (see note 6)</b>	\$	<b>7,247,947</b>					<b>34</b>

### WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
<b>INTANGIBLE PLANT</b>			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>			
Land and Land Rights (310)	0		4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	16,080,676		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	5,306,738		10
Other Water Source Plant (317)	0		11
<b>Total Source of Supply Plant</b>	<b>21,387,414</b>	<b>0</b>	
<b>PUMPING PLANT</b>			
Land and Land Rights (320)	341,030		12
Structures and Improvements (321)	6,816,152		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	10,109,306		17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	0		20
<b>Total Pumping Plant</b>	<b>17,266,488</b>	<b>0</b>	
<b>WATER TREATMENT PLANT</b>			
Land and Land Rights (330)	914,137		21
Structures and Improvements (331)	10,578,634		22
Water Treatment Equipment (332)	86,521,082	8,354,420	23
<b>Total Water Treatment Plant</b>	<b>98,013,853</b>	<b>8,354,420</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Land and Land Rights (340)	55,685		24
Structures and Improvements (341)	0		25

**WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>				
Land and Land Rights (310)			0	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			16,080,676	7
Wells and Springs (314)			0	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			5,306,738	10
Other Water Source Plant (317)			0	11
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>21,387,414</b>	
<b>PUMPING PLANT</b>				
Land and Land Rights (320)			341,030	12
Structures and Improvements (321)			6,816,152	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			10,109,306	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			0	20
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>17,266,488</b>	
<b>WATER TREATMENT PLANT</b>				
Land and Land Rights (330)			914,137	21
Structures and Improvements (331)			10,578,634	22
Water Treatment Equipment (332)	966,231		93,909,271	23
<b>Total Water Treatment Plant</b>	<b>966,231</b>	<b>0</b>	<b>105,402,042</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Land and Land Rights (340)			55,685	24
Structures and Improvements (341)			0	25

### WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications 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 not supported by statistical schedules.
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)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Distribution Reservoirs and Standpipes (342)	10,617,427		26
Transmission and Distribution Mains (343)	204,726,403	5,965,725	27
Fire Mains (344)	0		28
Services (345)	0		29
Meters (346)	17,129,572	14,278,395	30
Hydrants (348)	25,313,245	347,568	31
Other Transmission and Distribution Plant (349)	0		32
<b>Total Transmission and Distribution Plant</b>	<b>257,842,332</b>	<b>20,591,688</b>	
<b>GENERAL PLANT</b>			
Land and Land Rights (389)	274,489		33
Structures and Improvements (390)	4,446,661		34
Office Furniture and Equipment (391)	1,714,554		35
Computer Equipment (391.1)	4,822,450	111,543	36
Transportation Equipment (392)	4,162,612	71,593	37
Stores Equipment (393)	209,055		38
Tools, Shop and Garage Equipment (394)	1,700,505	13,896	39
Laboratory Equipment (395)	634,640		40
Power Operated Equipment (396)	2,103,235	239,970	41
Communication Equipment (397)	1,788,286	1,354,159	42
SCADA Equipment (397.1)	1,402,665	1,572,881	43
Miscellaneous Equipment (398)	117,271		44
Other Tangible Property (399)	0		45
<b>Total General Plant</b>	<b>23,376,423</b>	<b>3,364,042</b>	
<b>Total utility plant in service directly assignable</b>	<b>417,886,510</b>	<b>32,310,150</b>	
Common Utility Plant Allocated to Water Department	0		46
<b>Total utility plant in service</b>	<b>417,886,510</b>	<b>32,310,150</b>	

**WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Distribution Reservoirs and Standpipes (342)	321,550		10,295,877 26
Transmission and Distribution Mains (343)	209,473		210,482,655 27
Fire Mains (344)			0 28
Services (345)			0 29
Meters (346)	1,237,473		30,170,494 30
Hydrants (348)	59,748		25,601,065 31
Other Transmission and Distribution Plant (349)			0 32
<b>Total Transmission and Distribution Plant</b>	<b>1,828,244</b>	<b>0</b>	<b>276,605,776</b>
<b>GENERAL PLANT</b>			
Land and Land Rights (389)			274,489 33
Structures and Improvements (390)			4,446,661 34
Office Furniture and Equipment (391)			1,714,554 35
Computer Equipment (391.1)			4,933,993 36
Transportation Equipment (392)	26,946		4,207,259 37
Stores Equipment (393)			209,055 38
Tools, Shop and Garage Equipment (394)	43,968		1,670,433 39
Laboratory Equipment (395)			634,640 40
Power Operated Equipment (396)	104,819		2,238,386 41
Communication Equipment (397)	3,444		3,139,001 42
SCADA Equipment (397.1)			2,975,546 43
Miscellaneous Equipment (398)			117,271 44
Other Tangible Property (399)			0 45
<b>Total General Plant</b>	<b>179,177</b>	<b>0</b>	<b>26,561,288</b>
<b>Total utility plant in service directly assignable</b>	<b>2,973,652</b>	<b>0</b>	<b>447,223,008</b>
Common Utility Plant Allocated to Water Department			0 46
<b>Total utility plant in service</b>	<b>2,973,652</b>	<b>0</b>	<b>447,223,008</b>

### ACCUMULATED PROVISION FOR DEPRECIATION - WATER

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			1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	3,031,892	1.31%	210,657	3
Wells and Springs (314)	0			4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	2,880,581	1.36%	72,171	6
Other Water Source Plant (317)	0			7
<b>Total Source of Supply Plant</b>	<b>5,912,473</b>		<b>282,828</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	4,474,647	1.81%	123,372	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	9,770,798	3.39%	342,705	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	0			15
<b>Total Pumping Plant</b>	<b>14,245,445</b>		<b>466,077</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	4,540,511	1.84%	194,647	16
Water Treatment Equipment (332)	9,742,617	2.69%	2,426,787	17
<b>Total Water Treatment Plant</b>	<b>14,283,128</b>		<b>2,621,434</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	2,546,661	1.72%	179,854	19
Transmission and Distribution Mains (343)	46,985,735	0.98%	2,034,525	20
Fire Mains (344)	0			21
Services (345)	0			22
Meters (346)	5,052,643	6.96%	1,818,240	23
Hydrants (348)	5,996,577	1.43%	364,037	24
Other Transmission and Distribution Plant (349)	0			25
<b>Total Transmission and Distribution Plant</b>	<b>60,581,616</b>		<b>4,396,656</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**

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					3,242,549	3
314					0	4
315					0	5
316					2,952,752	6
317					0	7
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,195,301</b>	
321					4,598,019	8
322					0	9
323					0	10
324					0	11
325				(4,197)	10,109,306	12
326					0	13
327					0	14
328					0	15
	<b>0</b>	<b>0</b>	<b>0</b>	<b>(4,197)</b>	<b>14,707,325</b>	
331					4,735,158	16
332	966,231	177,200			11,025,973	17
	<b>966,231</b>	<b>177,200</b>	<b>0</b>	<b>0</b>	<b>15,761,131</b>	
341					0	18
342	321,550	172,000			2,232,965	19
343	209,473	108,812	33,151		48,735,126	20
344					0	21
345					0	22
346	1,237,473		8,372		5,641,782	23
348	59,748	24,188	(26,310)		6,250,368	24
349					0	25
	<b>1,828,244</b>	<b>305,000</b>	<b>15,213</b>	<b>0</b>	<b>62,860,241</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER**

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>				
Structures and Improvements (390)	1,427,715	2.11%	93,825	<b>26</b>
Office Furniture and Equipment (391)	327,633	5.26%	90,186	<b>27</b>
Computer Equipment (391.1)	2,371,045	15.00%	731,734	<b>28</b>
Transportation Equipment (392)	2,133,650	9.00%	376,644	<b>29</b>
Stores Equipment (393)	149,523	4.17%	8,717	<b>30</b>
Tools, Shop and Garage Equipment (394)	797,256	5.00%	84,273	<b>31</b>
Laboratory Equipment (395)	179,654	5.00%	31,732	<b>32</b>
Power Operated Equipment (396)	360,454	6.43%	139,583	<b>33</b>
Communication Equipment (397)	496,303	5.56%	131,561	<b>34</b>
SCADA Equipment (397.1)	58,421	8.33%	182,353	<b>35</b>
Miscellaneous Equipment (398)	68,845	6.67%	7,822	<b>36</b>
Other Tangible Property (399)	0			<b>37</b>
<b>Total General Plant</b>	<b>8,370,499</b>		<b>1,878,430</b>	
<b>Total accum. prov. directly assignable</b>	<b>103,393,161</b>		<b>9,645,425</b>	
 Common Utility Plant Allocated to Water Department	 0			 <b>38</b>
 <b>Total accum. prov. for depreciation</b>	 <b>103,393,161</b>		 <b>9,645,425</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)**

<b>Account (e)</b>	<b>Book Cost of Plant Retired (f)</b>	<b>Cost of Removal (g)</b>	<b>Salvage (h)</b>	<b>Adjustments Increase or (Decrease) (i)</b>	<b>Balance End of Year (j)</b>	
390					1,521,540	26
391					417,819	27
391.1					3,102,779	28
392	26,946		2,930		2,486,278	29
393					158,240	30
394	43,968				837,561	31
395					211,386	32
396	104,819				395,218	33
397	3,444				624,420	34
397.1					240,774	35
398					76,667	36
399					0	37
	<b>179,177</b>	<b>0</b>	<b>2,930</b>	<b>0</b>	<b>10,072,682</b>	
	<b>2,973,652</b>	<b>482,200</b>	<b>18,143</b>	<b>(4,197)</b>	<b>109,596,680</b>	
					<b>0</b>	<b>38</b>
	<b>2,973,652</b>	<b>482,200</b>	<b>18,143</b>	<b>(4,197)</b>	<b>109,596,680</b>	

## SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

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		3,800,520		3,800,520	1
February		3,513,630		3,513,630	2
March		3,588,080		3,588,080	3
April		3,538,840		3,538,840	4
May		3,805,740		3,805,740	5
June		5,814,920		5,814,920	6
July		4,409,790		4,409,790	7
August		4,413,400		4,413,400	8
September		4,240,330		4,240,330	9
October		3,767,150		3,767,150	10
November		3,521,780		3,521,780	11
December		3,561,610		3,561,610	12
<b>Total for year</b>	<b>0</b>	<b>47,975,790</b>	<b>0</b>	<b>47,975,790</b>	
Less: Measured or estimated water used in main flushing and water treatment during year				0	13
Less: Other utility use				247,272	14
Other utility use explanation:					15
Water Works' operations metered consumption was 240,272 and Fire Dept use was 7,000					
Water pumped into distribution system				47,728,518	16
Less: Water sold				41,900,858	17
Losses and unaccounted for				5,827,660	18
Percent unaccounted for to the nearest whole percent (%)				12%	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				187,770	21
Date of maximum: 7/30/1999					22
Cause of maximum:					23
Hot, dry weather					
Minimum gallons pumped by all methods in any one day during reporting year				98,167	24
Date of minimum: 12/25/1999					25
Total KWH used for pumping for the year				75,827,464	26
If water is purchased: Vendor Name:					27
Point of Delivery:					28

**SOURCES OF WATER SUPPLY - GROUND WATERS**

<b>Location (a)</b>	<b>Identification Number (b)</b>	<b>Depth in feet (c)</b>	<b>Well Diameter in inches (d)</b>	<b>Yield Per Day in gallons (e)</b>	<b>Currently In Service? (f)</b>
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NONE

## 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	55	144	<b>1</b>
TEXAS INTAKE (L. MICHIGAN)	2	11,823	50	108	<b>2</b>

### 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	PUMP 011 ( 3 AT STATION)	PUMP 017 (2 AT STATION)	PUMP 046 (4 AT STATION)	1
Location	TEXAS STATION	HOWARD STATION	FLORIST STATION	2
Purpose	P	P	B	3
Destination	T	D	D	4
Pump Manufacturer	FAI RBANKS - MORSE	ALLIS CHALMERS	PATTERSON	5
Year Installed	1974	1961	1994	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	32,767	15,972	4,861	8
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	ALLIS CHALMERS	PATTERSON	9 10
Year Installed	1974	1961	1994	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,000	350	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 001	PUMP 002	PUMP 003	14
Location	LINNWOOD TREATM. PL.	LINNWOOD TREATM. PL.	LINNWOOD TREATM. PL.	15
Purpose	P	P	P	16
Destination	T	T	T	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1938	1938	1938	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	13,889	13,338	32,767	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	22 23
Year Installed	1938	1938	1938	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	350	350	350	26

### 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	PUMP 004	PUMP 005	PUMP 006	1
Location	LINNWOOD TREATM. PL.	LINNWOOD TREAT. PL.	LINNWOOD TREAT. PL.	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1938	1938	1938	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	32,767	32,767	32,767	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1938	1938	1938	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	350	350	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 007	PUMP 008	PUMP 009 (1 AT STATION)	14
Location	LINNWOOD TREAT. PL	LINNWOOD TREAT. PL.	TEXAS STATION	15
Purpose	P	P	P	16
Destination	T	T	T	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS MORSE	18
Year Installed	1938	1938	1974	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	32,767	32,767	32,767	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS MORSE	22 23
Year Installed	1938	1938	1974	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	500	600	2,000	26

### 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	P 010 (PUMP 2 AT STATION)	P 012 (PUMP 4 AT STATION)	PUMP 013 ( 5 AT STATION)	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

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 014 (6 AT STATION)	PUMP 015 (7 AT STATION)	PUMP 016 (1 AT STATION)	14
Location	TEXAS STATION	TEXAS STATION	HOWARD STATION	15
Purpose	P	P	P	16
Destination	T	T	D	17
Pump Manufacturer	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1974	1961	1961	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	32,767	24,305	15,972	21
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	22 23
Year Installed	1974	1961	1961	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	2,000	1,200	350	26

### 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	PUMP 018 (3 AT STATION)	PUMP 019 (4 AT STATION)	PUMP 020 (5 AT STATION)	1
Location	HOWARD STATION	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	1961	1961	1961	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	19,444	19,444	27,778	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9
Year Installed	1961	1961	1961	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	600	600	2,000	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 021 (6 AT STATION)	PUMP 022 (7 AT STATION)	PUMP 023 (8 AT STATION)	13
Location	HOWARD STATION	HOWARD STATION	HOWARD STATION	14
Purpose	P	P	P	15
Destination	D	D	D	16
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	17
Year Installed	1961	1961	1961	18
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	19
Actual Capacity (gpm)	32,767	32,767	27,778	20
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	21
Year Installed	1961	1961	1961	22
Type	ELECTRIC	ELECTRIC	ELECTRIC	23
Horsepower	2,000	2,000	2,000	24

### 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	PUMP 024 (1 AT STATION)	PUMP 025 (2 AT STATION)	PUMP 026 (3 AT STATION)	1
Location	NORTH POINT STA.	NORTH POINT STA.	NORTH POINT STA.	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	WORTHINGTON	WORTHINGTON	WORTHINGTON	5
Year Installed	1963	1963	1963	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	20,833	20,833	20,833	8
Pump Motor or Standby Engine Mfr	WORTHINGTON	WORTHINGTON	WORTHINGTON	9 10
Year Installed	1963	1963	1963	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,250	2,250	2,250	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 027 (5 AT STATION)	PUMP 028 (6 AT STATION)	PUMP 029 (7 AT STATION)	14
Location	NORTH POINT STA.	NORTH POINT STA.	NORTH POINT STA.	15
Purpose	P	P	P	16
Destination	D	D	D	17
Pump Manufacturer	WORTHINGTON	WORTHINGTON	WORTHINGTON	18
Year Installed	1963	1963	1963	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	17,361	17,361	17,361	21
Pump Motor or Standby Engine Mfr	WORTHINGTON	WORTHINGTON	WORTHINGTON	22 23
Year Installed	1963	1963	1963	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	1,000	1,000	1,000	26

### 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	PUMP 030 (1-A AT STA.)	PUMP 031 (1-B AT STA.)	PUMP 032 (2 AT STATION)	1
Location	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	PATTERSON	FAIRBANKS - MORSE	FAIRBANKS - MORSE	5
Year Installed	1992	1969	1969	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	20,833	17,361	17,361	8
Pump Motor or Standby Engine Mfr	PATTERSON	FAIRBANKS - MORSE	FAIRBANKS - MORSE	9
Year Installed	1992	1969	1969	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	2,000	1,750	1,750	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 033 (3-A AT STA.)	PUMP 034 (3-B AT STA.)	PUMP 035 (4 AT STATION)	13
Location	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	14
Purpose	P	P	P	15
Destination	D	D	D	16
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS - MORSE	17
Year Installed	1955	1955	1968	18
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	19
Actual Capacity (gpm)	20,833	20,833	17,361	20
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS - MORSE	21
Year Installed	1955	1955	1968	22
Type	ELECTRIC	ELECTRIC	ELECTRIC	23
Horsepower	2,000	2,000	1,750	24

### 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	PUMP 036 (5 AT STATION)	PUMP 037 (6-A AT STA.)	PUMP 038 (6-B AT STA.)	1
Location	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	FAIRBANKS - MORSE	FAIRBANKS - MORSE	FAIRBANKS - MORSE	5
Year Installed	1968	1968	1968	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	17,361	17,361	17,361	8
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	FAIRBANKS - MORSE	FAIRBANKS - MORSE	9 10
Year Installed	1968	1968	1968	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	1,750	1,750	1,750	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 039 (1 AT STATION)	PUMP 040 (2 AT STATION)	PUMP 041 (3 AT STATION)	14
Location	OKLAHOMA IN LINE STA.	OKLAHOMA IN LINE STA.	OKLAHOMA IN LINE STA.	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	PEERLESS	PERLESS	PEERLESS	18
Year Installed	1957	1957	1957	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	556	556	556	21
Pump Motor or Standby Engine Mfr	PEERLESS	PEERLESS	PEERLESS	22 23
Year Installed	1957	1957	1957	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	25	25	25	26

### 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	PUMP 042 (4 AT STATION)	PUMP 043 (1 AT STATION)	PUMP 044 (2 AT STATION)	1
Location	OKLAHOMA IN LINE STA.	FLORIST AVE. STA.	FLORIST PUMPING STA.	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	DELAVAL	ALLIS CHALMERS	5
Year Installed	1957	1969	1965	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	556	8,333	2,083	8
Pump Motor or Standby Engine Mfr	PEERLESS	DELAVAL	ALLIS CHALMERS	9
Year Installed	1957	1969	1965	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	25	250	60	12
				13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 045 (3 AT STATION)	PUMP 047 (5 AT STATION)	PUMP 048 (6 AT STATION)	14
Location	FLORIST AVE STA.	FLORIST AVE STA.	FLORIST AVE STA.	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1965	1965	1965	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	1,042	4,167	6,250	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	22
Year Installed	1965	1965	1965	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	30	125	200	25
				26

### 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	PUMP 049 (7 AT STATION)	PUMP 050 (8 AT STATION)	PUMP 051 (1 AT STATION)	1
Location	FLORIST AVE STA.	FLORIST AVE STA.	MENOMONEE STA.	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1969	1965	1933	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	17,311	10,417	20,833	8
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	9
Year Installed	1969	1965	1933	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	500	350	1,500	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 052 (2 AT STATION)	PUMP 053 (4 AT STATION)	PUMP 054 (1 AT STATION)	13
Location	MENOMONEE STA.	MENOMONEE STA.	KILBOURN PUMPING STA.	14
Purpose	B	B	B	15
Destination	D	D	D	16
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	17
Year Installed	1939	1940	1957	18
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	19
Actual Capacity (gpm)	13,889	20,833	13,889	20
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	21
Year Installed	1939	1940	1957	22
Type	ELECTRIC	ELECTRIC	ELECTRIC	23
Horsepower	1,500	1,500	200	24

### 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	PUMP 055 (2 AT STATION)	PUMP 056 (3 AT STATION)	PUMP 057 (1 AT STATION)	<b>1</b>
Location	KILBOURN PUMPING STA.	KILBOURN PUMPING STA.	LINCOLN AVE STA.	<b>2</b>
Purpose	B	B	B	<b>3</b>
Destination	D	D	D	<b>4</b>
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	WHEELER	<b>5</b>
Year Installed	1957	1957	1956	<b>6</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>7</b>
Actual Capacity (gpm)	13,889	13,889	2,083	<b>8</b>
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	WHEELER	<b>9</b> <b>10</b>
Year Installed	1957	1957	1956	<b>11</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>12</b>
Horsepower	200	200	200	<b>13</b>

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 058 (2 AT STATION)	PUMP 059 (3 AT STATION)	PUMP 060 (4 AT STATION)	<b>14</b>
Location	LINCOLN AVE STA.	LINCOLN AVE STA.	LINCOLN AVE STA.	<b>15</b>
Purpose	B	B	B	<b>16</b>
Destination	D	D	D	<b>17</b>
Pump Manufacturer	WHEELER	WHEELER	WHEELER	<b>18</b>
Year Installed	1956	1956	1956	<b>19</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>20</b>
Actual Capacity (gpm)	6,944	6,944	2,083	<b>21</b>
Pump Motor or Standby Engine Mfr	WHEELER	WHEELER	WHEELER	<b>22</b> <b>23</b>
Year Installed	1956	1956	1956	<b>24</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>25</b>
Horsepower	600	600	200	<b>26</b>

### 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	PUMP 061 (1 AT STATION)	PUMP 062 (2 AT STATION)	PUMP 063 (3 AT STATION)	<b>1</b>
Location	CAPITOL IN LINE STA.	CAPITOL IN LINE STA.	CAPITOL IN LINE STA.	<b>2</b>
Purpose	B	B	B	<b>3</b>
Destination	D	D	D	<b>4</b>
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	<b>5</b>
Year Installed	1959	1959	1959	<b>6</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>7</b>
Actual Capacity (gpm)	694	694	972	<b>8</b>
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	<b>9</b>
Year Installed	1959	1959	1959	<b>10</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>11</b>
Horsepower	30	30	30	<b>12</b>

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 064 (4 AT STATION)	PUMP 065 (1 AT STATON)	PUMP 066 (2 AT STATION)	<b>14</b>
Location	CAPITOL IN LINE STA.	GRANGE PUMPING STA.	GRANGE PUMPING STA.	<b>15</b>
Purpose	B	B	B	<b>16</b>
Destination	D	D	D	<b>17</b>
Pump Manufacturer	ALLIS CHALMERS	FAIRBANKS - MORSE	FAIRBANKS - MORSE	<b>18</b>
Year Installed	1959	1968	1968	<b>19</b>
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	<b>20</b>
Actual Capacity (gpm)	972	3,472	3,472	<b>21</b>
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	FAIRBANKS - MORSE	FAIRBANKS - MORSE	<b>22</b>
Year Installed	1959	1968	1968	<b>23</b>
Type	ELECTRIC	ELECTRIC	ELECTRIC	<b>24</b>
Horsepower	30	100	100	<b>25</b>

### 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	PUMP 067 (3 AT STATION)	PUMP 068 (4 AT STATION)	PUMP 069 (5 AT STATION)	1
Location	GRANGE PUMPING STA.	GRANGE PUMPING STA.	GRANGE PUMPING STA.	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1968	1990	1990	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	3,472	6,944	6,944	8
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1968	1990	1990	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	100	200	200	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 070 (1 AT STATION)	PUMP 071 (2 AT STATION)	PUMP 072 (3 AT STATION)	14
Location	LISBON IN LINE STA.	LISBON IN LINE . STA.	LISBON IN LINE STA.	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	CARVER	CARVER	CARVER	18
Year Installed	1976	1976	1976	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	3,472	4,167	4,167	21
Pump Motor or Standby Engine Mfr	CARVER	CARVER	CARVER	22 23
Year Installed	1976	1976	1976	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	50	75	75	26

### 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	PUMP 073 (1 AT STATION)	PUMP 074 (2 AT STATION)	PUMP 075 (3 AT STATION)	1
Location	ADLER ST IN LINE STA.	ADLER ST IN LINE STA.	ADLER ST IN LINE STA.	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	WHEELER	WHEELER	WHEELER	5
Year Installed	1959	1959	1959	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,076	1,076	1,076	8
Pump Motor or Standby Engine Mfr	WHEELER	WHEELER	WHEELER	9 10
Year Installed	1959	1959	1959	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	25	25	25	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 076 (1 AT STATION)	PUMP 077 (2 AT STATION)	PUMP 078 (3 AT STATION)	14
Location	BLUEMOUND IN LINE STA	BLUEMOUND IN LINE STA	BLUEMOUND IN LINE STA	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1994	1994	1994	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	1,201	1,201	1,201	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	22 23
Year Installed	1994	1994	1994	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	40	40	40	26

### 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	PUMP 079 (1 AT STATION)	PUMP 080 (2 AT STATION)	1
Location	LAKE PUMPING STATION	LAKE PUMPING STATION	2
Purpose	B	B	3
Destination	D	D	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1956	1956	6
Type	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,083	2,083	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1956	1956	11
Type	ELECTRIC	ELECTRIC	12
Horsepower	100	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)
Identification			14
Location			15
Purpose			16
Destination			17
Pump Manufacturer			18
Year Installed			19
Type			20
Actual Capacity (gpm)			21
Pump Motor or Standby Engine Mfr			22 23
Year Installed			24
Type			25
Horsepower			26

## 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
Year constructed	1965	1995	1967	4
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	STEEL	5
Elevation difference in feet (See Headnote 3.)	36	36	187	6
Total capacity in gallons	12,000,000	12,000,000	2,000,000	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

## 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	KILBOURN	LAKE	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	S	ET	3
Year constructed	1989	1901	1939	4
Primary material (earthen, steel, concrete, other)	STEEL	OTHER	STEEL	5
Elevation difference in feet (See Headnote 3.)	289	21	148	6
Total capacity in gallons	2,000,000	20,000,000	1,000,000	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.)	100.0000			12
Is a corrosion control chemical used (yes, no)?	Y			13
Is water fluoridated (yes, no)?	Y			14

## 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 ONE	LINCOLN TANK TWO	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	S	3
Year constructed	1956	1957	1935	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	5
Elevation difference in feet (See Headnote 3.)	42	42	48	6
Total capacity in gallons	6,000,000	6,000,000	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
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25

## 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	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
			15
			16
			17
			18
			19
			20
			21
			22
			23
			24
			25

### 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	1,895	288	0	0	2,183	1	
M	D	4.000	45,245	0	2	(20)	45,223	2	
P	D	4.000	951	0	0	0	951	3	
M	D	6.000	2,916,661	677	14,386	(22)	2,902,930	4	
P	D	6.000	296	0	10	0	286	5	
A	D	8.000	8,805	0	0	0	8,805	6	
M	D	8.000	3,211,264	20,764	6,263	0	3,225,765	7	
P	D	8.000	2,908	0	0	0	2,908	8	
M	D	12.000	1,304,765	680	1,733	0	1,303,712	9	
M	T	16.000	950,892	480	466	(135)	950,771	10	
P	T	16.000	5	0	0	0	5	11	
M	T	20.000	61,160	0	0	(17)	61,143	12	
P	T	20.000	3,661	0	0	0	3,661	13	
M	T	24.000	24,326	0	0	0	24,326	14	
P	T	24.000	18,027	0	0	0	18,027	15	
M	T	30.000	77,502	0	0	0	77,502	16	
P	T	30.000	11,798	0	0	0	11,798	17	
M	T	36.000	101,778	0	0	31	101,809	18	
P	T	36.000	29,010	0	0	0	29,010	19	
M	T	42.000	14,122	0	0	(30)	14,092	20	
P	T	42.000	81,481	0	0	0	81,481	21	
M	T	48.000	23,379	0	0	0	23,379	22	
P	T	48.000	26,302	0	0	0	26,302	23	
M	T	54.000	64,842	2,709	0	0	67,551	24	
P	T	54.000	69,771	0	0	0	69,771	25	
P	T	60.000	20,509	0	0	0	20,509	26	
<b>Total Within Municipality</b>			<b>9,071,355</b>	<b>25,598</b>	<b>22,860</b>	<b>(193)</b>	<b>9,073,900</b>		
M	D	4.000	6,086	0	0	0	6,086	27	
M	D	6.000	97,822	813	0	0	98,635	28	
M	D	8.000	661,431	7,374	2,053	0	666,752	29	
M	D	12.000	190,793	5,974	231	0	196,536	30	
M	T	16.000	170,549	0	4	(361)	170,184	31	

### 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	T	20.000	2,932	0	0	0	<b>2,932</b>	<b>32</b>
P	T	20.000	6,544	0	0	0	<b>6,544</b>	<b>33</b>
M	T	24.000	15,307	0	0	0	<b>15,307</b>	<b>34</b>
P	T	24.000	8,241	0	0	0	<b>8,241</b>	<b>35</b>
P	T	30.000	3,408	0	0	0	<b>3,408</b>	<b>36</b>
M	T	36.000	211	0	0	0	<b>211</b>	<b>37</b>
P	T	36.000	4,423	0	0	0	<b>4,423</b>	<b>38</b>
P	T	42.000	1,959	0	0	0	<b>1,959</b>	<b>39</b>
P	T	48.000	10,802	0	0	0	<b>10,802</b>	<b>40</b>
P	T	54.000	25,265	0	0	0	<b>25,265</b>	<b>41</b>
<b>Total Outside of Municipality</b>			<b>1,205,773</b>	<b>14,161</b>	<b>2,288</b>	<b>(361)</b>	<b>1,217,285</b>	
<b>Total Utility</b>			<b>10,277,128</b>	<b>39,759</b>	<b>25,148</b>	<b>(554)</b>	<b>10,291,185</b>	

**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)
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NONE

### 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 (a).

#### 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	147,891	32,369	25,493	0	<b>154,767</b>	33,082	<b>1</b>
0.750	60,694	14,913	11,120	0	<b>64,487</b>	10,855	<b>2</b>
1.000	6,125	2,102	2,165	0	<b>6,062</b>	1,843	<b>3</b>
1.250	17	0	0	0	<b>17</b>	0	<b>4</b>
1.500	3,278	55	49	0	<b>3,284</b>	179	<b>5</b>
2.000	2,244	25	188	0	<b>2,081</b>	193	<b>6</b>
3.000	712	2	0	0	<b>714</b>	280	<b>7</b>
4.000	499	12	0	0	<b>511</b>	161	<b>8</b>
6.000	261	1	0	0	<b>262</b>	155	<b>9</b>
8.000	77	7	0	0	<b>84</b>	53	<b>10</b>
10.000	26	3	0	0	<b>29</b>	20	<b>11</b>
12.000	6	0	0	0	<b>6</b>	4	<b>12</b>
14.000	0	0	0	0	<b>0</b>	0	<b>13</b>

### 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 (a).

#### 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)	
16.000	0	0	0	0	0	0	14
<b>Total:</b>	<b>221,830</b>	<b>49,489</b>	<b>39,015</b>	<b>0</b>	<b>232,304</b>	<b>46,825</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	103,583	4,614	308	22	0	46,240	154,767	1
0.750	37,631	3,263	325	19	0	23,249	64,487	2
1.000	1,143	3,389	233	32	0	1,265	6,062	3
1.250	2	12	0	0	0	3	17	4
1.500	130	2,505	264	60	0	325	3,284	5
2.000	23	1,187	291	75	0	505	2,081	6
3.000	0	455	123	49	0	87	714	7
4.000	0	286	87	45	0	93	511	8
6.000	0	110	59	41	0	52	262	9
8.000	0	13	14	27	0	30	84	10
10.000	0	0	3	12	0	14	29	11
12.000	0	0	0	6	0	0	6	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>142,512</b>	<b>15,834</b>	<b>1,707</b>	<b>388</b>	<b>0</b>	<b>71,863</b>	<b>232,304</b>	

### 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	604	44	7	2,029	2,670	1
Within Municipality	18,884	67	58	(2,009)	16,884	2
<b>Total Fire Hydrants</b>	<b>19,488</b>	<b>111</b>	<b>65</b>	<b>20</b>	<b>19,554</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>	

**Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year**

Number of hydrants operated during year: 13,029  
 Number of distribution system valves end of year: 32,000  
 Number of distribution valves operated during year: 2,734

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## WATER OPERATING SECTION FOOTNOTES

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

#### SPECIAL NOTE:

In 1999, the City of Milwaukee installed a new Financial Management Information System (FMIS). The software vendor for this system is PeopleSoft.

The Milwaukee Water Works also converted from our current Municipal Utility Packaged Software (MUPS) system to the new FMIS for reporting purposes. We still use the MUPS system for the customer accounts of the utility.

Overall, operation and maintenance expenses have decreased by 1.6% or \$531,891. However, due to the new system and re-engineering, most of the individual PSC Accounts show a wide variety of fluctuations. Specific reasons for increases or decreases other than the new reporting system are noted below.

PUMPING EXPENSES have decreased by 6.8% (\$365,400) from \$5,351,587 in 1998 to \$4,986,187 in 1999. PSC Account 633, Maintenance of Pumping Equipment, decreased by \$301,700 compared to last year. In 1998, the costs of studies for pump station switchgear projects were abandoned.

WATER TREATMENT EXPENSES have decreased by 3.2% (211,910) from \$6,633,169 in 1998 to \$6,421,259 in 1999. PSC 651 and 652, Maintenance of Structures and Equipment, respectively, were lower compared to last year. In 1998, roofing work and equipment evaluation studies were expensed.

TRANSMISSION AND DISTRIBUTION EXPENSES have decreased by 10.9% (\$1,473,733) from \$13,486,887 in 1998 to \$12,013,154 in 1999. The combination of a reduction of pavement cut billings (mains, hydrants, and services) and a shift of certain engineering salaries and related charges to the category of Administrative and General Expenses, accounts for most of this decrease. Also, PSC 672, Maintenance of Distribution Reservoirs increased in 1999 by \$280,200 due to the painting of the Menomonee Valley water tanks (#1 and #2).

CUSTOMER ACCOUNTS EXPENSES have decreased by 1.9% (\$22,271) from \$1,132,742 in 1998 to \$1,110,471 in 1999. The reduction of personnel staff make up most of this decrease.

ADMINISTRATIVE AND GENERAL EXPENSES have increased by 20.9% (\$1,541,423) from \$7,356,204 in 1998 to \$8,897,627 in 1999. The combination of increased fringe benefit costs (PSC 926) and the shifting of costs from Transmission And Distribution Expenses accounts for most of this increase.

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## WATER OPERATING SECTION FOOTNOTES

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### WATER OPERATING SECTION FOOTNOTES

#### Water Utility Plant in Service (Page W-08)

PSC 332 - TREATMENT EQUIPMENT

Water Plant Improvements at the following locations:

Linnwood- Add 4,535,244 and Retire 315,750

Howard- Add 3,200,909 and Retire 500,352

Texas- Add 618,267 and Retire 150,129

PSC 342 - RESERVIORS AND STANDPIPES

Menomonee Valley Tank #3 - Retire 321,550

PSC 343 - TRANSMISSION AND DISTRIBUTION MAINS

Additional costs of Discharge Main at Riverside Station - Add 566,083

Water Mains - Add 5,399,642 and Retire 209,473

PSC 346.1 - METERS

Water Meters - Add 1,752,322 and Retire 1,237,473

PSC 346.2 - METERS - COMMUNICATION EQUIPMENT

Automatic Meter Reading (AMR) - Add 12,526,073

PSC 348 - HYDRANTS

Fire Hydrants - Add 347,568 and Retire 59,748

PSC 391.1 - COMPUTER EQUIPMENT

Administration billing for new computer system (FMIS) - Add 84,175

Other equipment - Add 27,368

PSC 396 - POWER EQUIPMENT

Backhoes - Add 239,970 and Retire 104,819

PSC 397 - COMMUNICATION EQUIPMENT

Linnwood Plant-Automation (Part of Plant Improvement Project) - Add 1,349,48

Other equipment - Add 4,677 and Retire 3,444

PSC 397.1 - SCADA EQUIPMENT

Additional costs of the SCADA System - Add 1,572,881

PSC 346.1 - METERS

1/1/99 BALANCE 8,720,623

ADD 1,752,322

RETIRE 1,237,473

12/31/99 9,235,472

PSC 346.2 - METERS - COMMUNICATION EQUIPMENT (AMR)

1/1/99 BALANCE 8,408,949

ADD 12,526,073

12/31/99 20,935,022

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## WATER OPERATING SECTION FOOTNOTES

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## WATER OPERATING SECTION FOOTNOTES

### Accumulated Provision for Depreciation - Water (Page W-10)

Account 325 (Pumping Equipment) in service prior to 1999 became fully depreciated as an asset group during 1999. No further depreciation will be taken on this equipment. Additions during 1999 and thereafter will be depreciated as a separate asset group within Account 325.

Account 397 (Communication Equipment) in service prior to 1982 became fully depreciated as an asset group during 1982. No further depreciation will be taken on this equipment. Additions during 1982 and thereafter are depreciated as a separate asset group within Account 397.

PSC 346.1 - METERS  
 1/1/99 BALANCE 4,092,432  
 DEPRECIATION ACCRUAL 351,042  
 RETIREMENTS 1,237,473  
 SALVAGE 8,372  
 12/31/99 BALANCE 3,214,373

PSC 346.2 - METERS - COMMUNICATION EQUIPMENT (AMR)  
 1/1/99 BALANCE 960,211  
 DEPRECIATION ACCRUAL 1,467,198  
 12/31/99 BALANCE 2,427,409

### Pumping & Power Equipment (Page W-15)

Certain pumps have actual capacity larger than accepted by the software. These are as follows:

Pump Number	Actual Capacity	Reported Capacity
003	34,722	32,767
004	34,722	32,767
005	34,722	32,767
006	34,722	32,767
007	52,083	32,767
008	69,444	32,767
009	38,194	32,767
011	38,194	32,767
014	38,194	32,767
021	34,722	32,767
022	34,722	32,767

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## WATER OPERATING SECTION FOOTNOTES

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### Reservoirs, Standpipes & Water Treatment (Page W-16)

Copy 1. The water treatment plant referred to is the Linnwood Avenue Plant placed into service in 1939.

Copy 2. The water treatment plant referred to is the Howard Avenue Plant, placed into service in 1962.

Copy 2. Unit B, Kilbourn Standpipe, commonly known as "Kilbourn Reservoir", was constructed in 1873. The software does not accept years before 1901.

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### Water Mains (Page W-17)

The various adjustments (increases and decreases) in the footage of mains were due to an internal audit of the water main property sub-ledgers.

Financing of water main additions.

A large portion of main additions in Col. (e) were replacements of existing mains - note Retirements, Col. (f). These are financed from earnings. Other additions were either financed from earnings, assessments, or paid for by Land Developers.

Deferred assessments totaled \$9,100. Instead of interest, the current assessment rate was charged on these deferred assessments.

Financing by Land Developers totaled \$1,662,052. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30 1962, and ordinance 679, File 63-2254-a, approved March 6, 1964.

The basis of 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.

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### Water Services (Page W-18)

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

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### Hydrants and Distribution System Valves (Page W-20)

The adjustments between Outside of Municipality and Within Municipality are due to an audit of mains and hydrants property records.

Regarding exercising of valves, the Milwaukee Water Works has two valve exercise programs, one for valves 16" and smaller, and one for valves 20" and larger. 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 the affected customers.

For "Number of distribution valves end of year" the Milwaukee Water Works actually has 46,607 instead of 32,000, but the software will not accept the larger number.

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