



3013 (02-09-04)

**ANNUAL REPORT**

OF

Name: BROOKFIELD MUNICIPAL WATER UTILITY

Principal Office: 2000 NORTH CALHOUN ROAD  
BROOKFIELD, WI 53005

For the Year Ended: DECEMBER 31, 1999

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**

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**Exact Utility Name:** BROOKFIELD MUNICIPAL WATER UTILITY

**Utility Address:** 2000 NORTH CALHOUN ROAD  
BROOKFIELD, WI 53005

**When was utility organized?** 1/8/1960

**Report any change in name:**

**Effective Date:**

**Utility Web Site:**

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

**Name:** MR ROBERT JOHN TISCHER

**Title:** UTILITY ACCOUNTANT

**Office Address:**

2000 N CALHOUN ROAD  
BROOKFIELD, WI 53005

**Telephone:** (262) 782 - 9650 EXT 249

**Fax Number:** (262) 796 - 6671

**E-mail Address:** tischer@ci.brookfield.wi.us

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

**Name:** NONE

**Title:**

**Office Address:**

**Telephone:**

**Fax Number:**

**E-mail Address:**

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

**Name:** MR NORMAN DRAEGER

**Title:** CHAIRMAN

**Office Address:**

**Telephone:** (262) 782 - 7790

**Fax Number:**

**E-mail Address:**

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**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:** VIRCHOW, KRAUSE & COMPANY, LLP

**Title:**

**Office Address:** VIRCHOW, KRAUSE & COMPANY, LLP  
19601 W BLUEMOUND RD  
BROOKFIELD, WI 53045-5974

**Telephone:** (262) 796 - 0701

**Fax Number:** (262) 796 - 8422

**E-mail Address:**

**Date of most recent audit report:** 12/31/1999

**Period covered by most recent audit:** JANUARY 1, 1999 THRU DECEMBER 31, 1999

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

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**Name:** MR MARK SIMON

**Title:** WATER SUPERINTENDENT

**Office Address:**  
19450 RIVERVIEW DR  
BROOKFIELD, WI 53045

**Telephone:** (262) 796 - 6717

**Fax Number:** (262) 782 - 0485

**E-mail Address:** simon@ci.brookfield.wi.us

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**Name of utility commission/committee:** WATER BOARD

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

- MR DON BAUER, ALDERMAN
- MS KATHRYN BLOOMBERG, MAYOR
- MR NORMAN DRAEGER, CHAIRMAN, ALDERMAN
- MR JAMES GARVENS, ALDERMAN
- MR HOWARD WASHECHEK, ALDERMAN
- MR RICHARD WITTE, ALDERMAN

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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:**                     

**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:**

**INCOME STATEMENT**

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	3,422,670	3,306,576	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	1,406,015	1,293,442	2
Depreciation Expense (403)	818,774	778,732	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	761,098	730,938	5
<b>Total Operating Expenses</b>	<b>2,985,887</b>	<b>2,803,112</b>	
<b>Net Operating Income</b>	<b>436,783</b>	<b>503,464</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	6
<b>Utility Operating Income</b>	<b>436,783</b>	<b>503,464</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	567,154	596,022	10
Miscellaneous Nonoperating Income (421)	0	0	11
<b>Total Other Income</b>	<b>567,154</b>	<b>596,022</b>	
<b>Total Income</b>	<b>1,003,937</b>	<b>1,099,486</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
<b>Total Miscellaneous Income Deductions</b>	<b>0</b>	<b>0</b>	
<b>Income Before Interest Charges</b>	<b>1,003,937</b>	<b>1,099,486</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	0	0	14
Amortization of Debt Discount and Expense (428)	15,173	13,359	15
Amortization of Premium on Debt--Cr. (429)	0	0	16
Interest on Debt to Municipality (430)	606,975	714,878	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	0	0	19
<b>Total Interest Charges</b>	<b>622,148</b>	<b>728,237</b>	
<b>Net Income</b>	<b>381,789</b>	<b>371,249</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	3,292,398	2,921,149	20
Balance Transferred from Income (433)	381,789	371,249	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	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>3,674,187</b>	<b>3,292,398</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		1
<b>Total (Acct. 412):</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>		
NONE		2
<b>Total (Acct. 413):</b>	<b>0</b>	
<b>Income from Nonutility Operations (417):</b>		
NONE		3
<b>Total (Acct. 417):</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>		
NONE		4
<b>Total (Acct. 418):</b>	<b>0</b>	
<b>Interest and Dividend Income (419):</b>		
INTEREST INCOME FROM INVESTMENTS	434,023	5
INTEREST INCOME FROM SPECIAL ASSESSMENTS	133,131	6
<b>Total (Acct. 419):</b>	<b>567,154</b>	
<b>Miscellaneous Nonoperating Income (421):</b>		
NONE		7
<b>Total (Acct. 421):</b>	<b>0</b>	
<b>Miscellaneous Amortization (425):</b>		
NONE		8
<b>Total (Acct. 425):</b>	<b>0</b>	
<b>Other Income Deductions (426):</b>		
NONE		9
<b>Total (Acct. 426):</b>	<b>0</b>	
<b>Miscellaneous Credits to Surplus (434):</b>		
NONE		10
<b>Total (Acct. 434):</b>	<b>0</b>	
<b>Miscellaneous Debits to Surplus (435):</b>		
NONE		11
<b>Total (Acct. 435)--Debit:</b>	<b>0</b>	
<b>Appropriations of Surplus (436):</b>		
Detail appropriations to (from) account 215		12
<b>Total (Acct. 436)--Debit:</b>	<b>0</b>	
<b>Appropriations of Income to Municipal Funds (439):</b>		
NONE		13
<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)					0	1
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold					0	2
Payroll					0	3
Materials					0	4
Taxes					0	5
<b>Other (list by major classes):</b>						
NONE					0	6
<b>Total costs and expenses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net income (or loss)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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	3,422,670	0	0	0	<b>3,422,670</b>	<b>1</b>
Less: interdepartmental sales	0		0	0	<b>0</b>	<b>2</b>
Less: interdepartmental rents	0	0		0	<b>0</b>	<b>3</b>
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				<b>0</b>	<b>4</b>
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					<b>0</b>	<b>5</b>
<b>Other Increases or (Decreases) to Operating Revenues - Specify:</b>						
NONE					<b>0</b>	<b>6</b>
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>3,422,670</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,422,670</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	406,040	83,891	<b>489,931</b>	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses	16,810	2,309	<b>19,119</b>	5
Merchandising and jobbing			0	6
Other nonutility expenses			0	7
Water utility plant accounts	13,626		<b>13,626</b>	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	86,200	(86,200)	0	19
<b>Total Payroll</b>	<b>522,676</b>	<b>0</b>	<b>522,676</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)	44,042,283	42,971,880	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	6,967,434	6,302,284	2
<b>Net Utility Plant</b>	<b>37,074,849</b>	<b>36,669,596</b>	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
<b>Total Net Utility Plant</b>	<b>37,074,849</b>	<b>36,669,596</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	0	0	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
<b>Net Nonutility Property</b>	<b>0</b>	<b>0</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	2,137,317	2,203,630	8
Special Funds (125-128)	0	0	9
<b>Total Other Property and Investments</b>	<b>2,137,317</b>	<b>2,203,630</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash and Working Funds (131)	6,726,043	3,160,619	10
Special Deposits (132-134)	0	0	11
Working Funds (135)			12
Temporary Cash Investments (136)	3,019,180	4,926,652	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	646,550	633,286	15
Other Accounts Receivable (143)	0	0	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	594,787	631,512	18
Materials and Supplies (151-163)	25,329	25,851	19
Prepayments (165)	0	0	20
Interest and Dividends Receivable (171)	46,233	67,547	21
Accrued Utility Revenues (173)			22
Miscellaneous Current and Accrued Assets (174)			23
<b>Total Current and Accrued Assets</b>	<b>11,058,122</b>	<b>9,445,467</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	220,841	206,337	24
Other Deferred Debits (182-186)	102,351	256,328	25
<b>Total Deferred Debits</b>	<b>323,192</b>	<b>462,665</b>	
<b>Total Assets and Other Debits</b>	<b>50,593,480</b>	<b>48,781,358</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)	3,681,274	3,681,274	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	3,674,187	3,292,398	28
<b>Total Proprietary Capital</b>	<b>7,355,461</b>	<b>6,973,672</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221-222)	0	0	29
Advances from Municipality (223)	13,030,000	12,500,000	30
Other Long-Term Debt (224)	0	0	31
<b>Total Long-Term Debt</b>	<b>13,030,000</b>	<b>12,500,000</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	32
Accounts Payable (232)	508,242	200,121	33
Payables to Municipality (233)	0	0	34
Customer Deposits (235)			35
Taxes Accrued (236)	727,341	695,353	36
Interest Accrued (237)	174,699	213,306	37
Matured Long-Term Debt (239)			38
Matured Interest (240)			39
Tax Collections Payable (241)			40
Miscellaneous Current and Accrued Liabilities (242)	76,099	78,353	41
<b>Total Current and Accrued Liabilities</b>	<b>1,486,381</b>	<b>1,187,133</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)			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)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)			47
Miscellaneous Operating Reserves (265)			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)	28,721,638	28,120,553	49
<b>Total Liabilities and Other Credits</b>	<b>50,593,480</b>	<b>48,781,358</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)	43,197,218	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)	845,065				7
<b>Total Utility Plant</b>	<b>44,042,283</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)	6,967,434	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>6,967,434</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>37,074,849</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>	6,302,284				<b>6,302,284</b>	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged depreciation expense (403)	818,774				<b>818,774</b>	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	26,032				<b>26,032</b>	6
Accruals charged other						7
accounts (specify):						8
					<b>0</b>	9
Salvage	2,470				<b>2,470</b>	10
Other credits (specify):						11
					<b>0</b>	12
<b>Total credits</b>	<b>847,276</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>847,276</b>	13
<b>Debits during year</b>						14
Book cost of plant retired	182,126				<b>182,126</b>	15
Cost of removal	0				<b>0</b>	16
Other debits (specify):						17
					<b>0</b>	18
<b>Total debits</b>	<b>182,126</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>182,126</b>	19
<b>Balance End of Year</b>	<b>6,967,434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,967,434</b>	20
						21
						22

**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>					
NONE	0			0	2
<b>Total Nonutility Property (121)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Less accum. prov. depr. & amort. (122)	0			0	3
<b>Net Nonutility Property</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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	2
Collection of accounts previously written off: Utility Customers	3
Collection of accounts previously written off: Others	4
<b>Total Additions</b>	<u>0</u>
<b>Deductions:</b>	
Accounts written off during the year: Utility Customers	5
Accounts written off during the year: Others	6
<b>Total accounts written off</b>	<u>0</u>
<b>Balance end of year</b>	<u><u>0</u></u>

### 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)	25,329	25,851 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>25,329</b>	<b>25,851</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>						
1995.7.1 ISSUE	\$ 910,000	G.O. BONDS	1,422	428	12,679	1
1996.6.1 ISSUE	\$1,740,000	G.O. BONDS	1,829	428	29,107	2
1997.6.1 ISSUE	\$2,410,000	G.O. BONDS	2,641	428	44,011	3
1997.9.30 ISSUE	\$1,125,000	G.O. BONDS	6,897	428	82,184	4
1998.8.1 ISSUE	\$1,389,000	G.O. BONDS	1,370	428	24,197	5
1999.5.1 ISSUE	\$1,650,000	G.O. BONDS	1,014	428	28,663	6
<b>Total</b>					<b>220,841</b>	
<b>Unamortized premium on debt (251)</b>						
NONE			0	0	0	7
<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	3,681,274	1
<b>Changes during year (explain):</b>		
NONE		2
<b>Balance end of year</b>	<u><u>3,681,274</u></u>	

**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)
Total Reacquired Bonds (Account 222)				0 1
<b>Net amount of bonds outstanding December 31:</b>				<b>0</b>

**NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT**

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

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
<b>Advances (223)</b>					
G. O. BONDS	03/15/1990	03/15/2002	7.90%	380,000	<b>1</b>
G. O. BONDS	05/01/1991	05/01/2011	6.85%	195,000	<b>2</b>
G. O. BONDS	05/01/1992	05/01/2002	4.93%	180,000	<b>3</b>
G. O. BONDS	06/15/1993	11/01/2012	5.85%	3,325,000	<b>4</b>
G. O. BONDS	07/01/1995	12/01/2008	5.05%	705,000	<b>5</b>
G. O. BONDS	06/01/1996	12/01/2015	5.29%	1,530,000	<b>6</b>
G. O. BONDS	06/01/1997	09/01/2016	4.95%	2,131,000	<b>7</b>
G. O. BONDS	09/30/1997	03/15/2011	4.85%	1,070,000	<b>8</b>
G. O. BONDS	08/01/1998	09/01/2010	4.28%	1,309,000	<b>9</b>
G. O. BONDS	05/01/1999	11/01/2018	4.08%	1,650,000	<b>10</b>
G. O. BONDS	09/01/1989	09/01/2002	7.50%	555,000	<b>11</b>
<b>Total for Account 223</b>				<b>13,030,000</b>	

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	695,353	1
<b>Accruals:</b>		
Charged water department expense	761,098	2
Charged electric department expense		3
Charged sewer department expense	7,715	4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<b>768,813</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes	695,353	6
Social Security taxes	37,227	7
PSC Remainder Assessment	4,245	8
<b>Other (explain):</b>		
NONE		9
<b>Total payments and other debits</b>	<b>736,825</b>	
<b>Balance end of year</b>	<b>727,341</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>					
NONE	0			0	1
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Advances from Municipality (223)</b>					
1989 BOND ISSUE	15,545	43,115	46,635	12,025	2
1990 BOND ISSUE	12,090	28,910	33,530	7,470	3
1991 BOND ISSUE	2,800	13,600	14,400	2,000	4
1992 BOND ISSUE	2,203	11,237	11,732	1,708	5
1993 BOND ISSUE	30,708	182,180	184,250	28,638	6
1995 BOND ISSUE	3,336	39,695	40,035	2,996	7
1996 BOND ISSUE	7,212	86,105	86,543	6,774	8
1997 BOND ISSUE	37,352	109,851	112,056	35,147	9
1997 REFUNDING BOND ISSUE	15,138	51,535	51,670	15,003	10
1998 BOND ISSUE	86,922	(3,394)	64,731	18,797	11
1999 BOND ISSUE		44,141	0	44,141	12
<b>Subtotal</b>	<b>213,306</b>	<b>606,975</b>	<b>645,582</b>	<b>174,699</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			0	13
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	0			0	14
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>213,306</b>	<b>606,975</b>	<b>645,582</b>	<b>174,699</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	28,120,553	0	0	0	0	<b>28,120,553</b>	1
<b>Add credits during year:</b>							
For Services						<b>0</b>	2
For Mains	601,085					<b>601,085</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>28,721,638</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,721,638</b>	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						<b>0</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		1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
SPECIAL ASSESSMENTS	2,137,317	2
<b>Total (Acct. 124):</b>	<b>2,137,317</b>	
<b>Sinking Funds (125):</b>		
NONE		3
<b>Total (Acct. 125):</b>	<b>0</b>	
<b>Depreciation Fund (126):</b>		
NONE		4
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
NONE		5
<b>Total (Acct. 128):</b>	<b>0</b>	
<b>Interest Special Deposits (132):</b>		
NONE		6
<b>Total (Acct. 132):</b>	<b>0</b>	
<b>Other Special Deposits (134):</b>		
NONE		7
<b>Total (Acct. 134):</b>	<b>0</b>	
<b>Notes Receivable (141):</b>		
NONE		8
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	646,550	9
Electric		10
Sewer (Regulated)		11
<b>Other (specify):</b>		
NONE		12
<b>Total (Acct. 142):</b>	<b>646,550</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		13
Merchandising, jobbing and contract work		14
<b>Other (specify):</b>		
NONE		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>		
1999 TAX ROLL : SPECIAL ASSESSMENTS	501,105	16
DELINQUENT UTILITES	57,250	17
STANDBY WATER SERVICE	36,432	18
<b>Total (Acct. 145):</b>	<b>594,787</b>	
<b>Prepayments (165):</b>		
NONE		19
<b>Total (Acct. 165):</b>	<b>0</b>	
<b>Extraordinary Property Losses (182):</b>		
NONE		20
<b>Total (Acct. 182):</b>	<b>0</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
NONE		21
<b>Total (Acct. 183):</b>	<b>0</b>	
<b>Clearing Accounts (184):</b>		
NONE		22
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE		23
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
PAINTING COST OF CAPITOL DR. TOWER	102,351	24
<b>Total (Acct. 186):</b>	<b>102,351</b>	
<b>Payables to Municipality (233):</b>		
NONE		25
<b>Total (Acct. 233):</b>	<b>0</b>	
<b>Other Deferred Credits (253):</b>		
NONE		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	42,754,660	0	0	0	42,754,660	1
Materials and Supplies	25,590	0	0	0	25,590	2
<b>Other (specify):</b>						
NONE					0	3
<b>Less Average:</b>						
Reserve for Depreciation	6,634,859	0	0	0	6,634,859	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	28,421,095	0	0	0	28,421,095	6
<b>Other (specify):</b>						
NONE					0	7
<b>Average Net Rate Base</b>	<b>7,724,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,724,296</b>	
Net Operating Income	436,783	0	0	0	436,783	8
<b>Net Operating Income as a percent of Average Net Rate Base</b>						
	5.65%	N/A	N/A	N/A	5.65%	

## 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	3,681,274	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	3,483,292	3
<b>Other (Specify):</b>		
NONE		4
<b>Total Average Proprietary Capital</b>	<b>7,164,566</b>	
<b>Net Income</b>		
Net Income	381,789	5
 <b>Percent Return on Proprietary Capital</b>	 <b>5.33%</b>	

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## 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.**

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

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

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

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**7. Any additional matters.**

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## FINANCIAL SECTION FOOTNOTES

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### Interest Accrued (Acct. 237) (Page F-17)

In the 1998 annual report the interest accrued at year-end for the 1998 bond issue was reported erroneous as \$86,992 instead of the correct amount of \$21,576. The adjustment to correct the interest accrued balance for 1999 caused the negative \$3,394 in the interest accrued during year column.

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### Balance Sheet End-of-Year Account Balances (Page F-19)

Miscellaneous Deferred Debits (186) - Amortization of the 1998 painting of the Capitol Drive water tower (file DWCCA-0760-BJM dated February 14, 2000).

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### FINANCIAL SECTION FOOTNOTES

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

April 24, 2000

Mr. Robert J. Tischer, Utility Accountant  
Brookfield Municipal Water Utility  
2000 North Calhoun Road  
Brookfield, WI 53005-5002

1999 Analytical Review DWCCA-760-ELE

Dear Mr. Tischer:

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. During our review, we noted additions to Account 345, Services, and Account 343, Mains, in the Water Utility Plant in Service schedule. However, only main contributions are reported in Account 271, Contributions in Aid of Construction. The footnote to the Water Services schedule indicates there were contributions. We assume that part of the mains contributions is actually services. Please confirm that the main and service contributions are correctly broken down on the utility's books.

2. The PSC is establishing a database and guidelines for the average cost of meters. Based upon a review of your utility's data, the average cost of meters was \$355. Please provide copies of invoices for the 25 large meters installed in 1999 and a sample invoice for each of the other sizes. In addition, please provide the average cost to install the meters. Thank you for your cooperation with our meter project.

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 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

ELE:tlk:w:\compl\Analytical Reviews\1999 analytical review letters\760.doc

cc: Mr. Norman Draeger, Chairman

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## FINANCIAL SECTION FOOTNOTES

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Reply dated 5/4/2000

1. Mains portion was \$509,995 and services portion was \$91,090. In future years, breakdown will be provided.
2. Meter cost information provided and entered into Cost of Meters table in w/compl ars database. Average cost of labor was \$40.00. Reply filed in municipal file.

ele

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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)	3,319,672	1
<b>Total Sales of Water</b>	<b>3,319,672</b>	
<b>Other Operating Revenues</b>		
Forfeited Discounts (470)	16,724	2
Miscellaneous Service Revenues (471)	0	3
Rents from Water Property (472)	27,783	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	58,491	6
Amortization of Construction Grants (475)	0	7
<b>Total Other Operating Revenues</b>	<b>102,998</b>	
<b>Total Operating Revenues</b>	<b>3,422,670</b>	
<b>Operation and Maintenance Expenses</b>		
Source of Supply Expense (600-617)	24,604	8
Pumping Expenses (620-633)	541,977	9
Water Treatment Expenses (640-652)	133,631	10
Transmission and Distribution Expenses (660-678)	382,083	11
Customer Accounts Expenses (901-905)	53,843	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	269,877	14
<b>Total Operation and Maintenance Expenses</b>	<b>1,406,015</b>	
<b>Other Operating Expenses</b>		
Depreciation Expense (403)	818,774	15
Amortization Expense (404-407)		16
Taxes (408)	761,098	17
<b>Total Other Operating Expenses</b>	<b>1,579,872</b>	
<b>Total Operating Expenses</b>	<b>2,985,887</b>	
<b>NET OPERATING INCOME</b>	<b>436,783</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				2
Industrial				3
<b>Total Unmetered Sales to General Customers (460)</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Metered Sales to General Customers (461)				
Residential	7,175	692,296	1,721,824	4
Commercial	910	353,712	706,983	5
Industrial	13	32,774	51,969	6
<b>Total Metered Sales to General Customers (461)</b>	<b>8,098</b>	<b>1,078,782</b>	<b>2,480,776</b>	
Private Fire Protection Service (462)	287		100,780	7
Public Fire Protection Service (463)	1		685,269	8
Other Sales to Public Authorities (464)	20	27,297	52,847	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
<b>Total Sales of Water</b>	<b>8,406</b>	<b>1,106,079</b>	<b>3,319,672</b>	

**SALES FOR RESALE (ACCT. 466)**

Use a separate line for each delivery point.

<b>Customer Name (a)</b>	<b>Point of Delivery (b)</b>	<b>Thousands of Gallons Sold (c)</b>	<b>Revenues (d)</b>
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NONE

### 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)	685,269	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
<b>Other (specify):</b>		
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>685,269</b>	
<b>Forfeited Discounts (470):</b>		
Customer late payment charges	16,724	5
<b>Other (specify):</b>		
NONE		6
<b>Total Forfeited Discounts (470)</b>	<b>16,724</b>	
<b>Miscellaneous Service Revenues (471):</b>		
NONE		7
<b>Total Miscellaneous Service Revenues (471)</b>	<b>0</b>	
<b>Rents from Water Property (472):</b>		
CELLULAR COMMUNICATION COMPANIES RENT	27,783	8
<b>Total Rents from Water Property (472)</b>	<b>27,783</b>	
<b>Interdepartmental Rents (473):</b>		
NONE		9
<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	21,077	10
<b>Other (specify):</b>		
STANDBY WATER SERVICE	36,432	11
MISCELLANEOUS	982	12
<b>Total Other Water Revenues (474)</b>	<b>58,491</b>	
<b>Amortization of Construction Grants (475):</b>		
NONE		13
<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)	24,604	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>24,604</b>	
 <b>PUMPING EXPENSES</b>		
Operation Supervision and Engineering (620)	34,961	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	310,422	17
Pumping Labor and Expenses (624)	51,635	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	51,845	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	10,731	22
Maintenance of Structures and Improvements (631)	3,331	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	79,052	25
<b>Total Pumping Expenses</b>	<b>541,977</b>	
 <b>WATER TREATMENT EXPENSES</b>		
Operation Supervision and Engineering (640)	14,266	26
Chemicals (641)	63,861	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.

<b>Particulars (a)</b>	<b>Amount (b)</b>	
<b>WATER TREATMENT EXPENSES</b>		
Operation Labor and Expenses (642)	47,146	<b>28</b>
Miscellaneous Expenses (643)	1,886	<b>29</b>
Rents (644)		<b>30</b>
Maintenance Supervision and Engineering (650)	1,927	<b>31</b>
Maintenance of Structures and Improvements (651)		<b>32</b>
Maintenance of Water Treatment Equipment (652)	4,545	<b>33</b>
<b>Total Water Treatment Expenses</b>	<b>133,631</b>	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>		
Operation Supervision and Engineering (660)	22,148	<b>34</b>
Storage Facilities Expenses (661)		<b>35</b>
Transmission and Distribution Lines Expenses (662)	45,994	<b>36</b>
Meter Expenses (663)		<b>37</b>
Customer Installations Expenses (664)		<b>38</b>
Miscellaneous Expenses (665)	22,399	<b>39</b>
Rents (666)		<b>40</b>
Maintenance Supervision and Engineering (670)	10,988	<b>41</b>
Maintenance of Structures and Improvements (671)		<b>42</b>
Maintenance of Distribution Reservoirs and Standpipes (672)	153,270	<b>43</b>
Maintenance of Transmission and Distribution Mains (673)	67,532	<b>44</b>
Maintenance of Fire Mains (674)		<b>45</b>
Maintenance of Services (675)	14,014	<b>46</b>
Maintenance of Meters (676)	15,985	<b>47</b>
Maintenance of Hydrants (677)	29,753	<b>48</b>
Maintenance of Miscellaneous Plant (678)		<b>49</b>
<b>Total Transmission and Distribution Expenses</b>	<b>382,083</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>		
Supervision (901)	18,408	<b>50</b>
Meter Reading Labor (902)	16,247	<b>51</b>
Customer Records and Collection Expenses (903)	19,188	<b>52</b>
Uncollectible Accounts (904)		<b>53</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>CUSTOMER ACCOUNTS EXPENSES</b>		
Miscellaneous Customer Accounts Expenses (905)		54
<b>Total Customer Accounts Expenses</b>	<b>53,843</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)	37,574	56
Office Supplies and Expenses (921)	12,991	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	37,065	59
Property Insurance (924)	24,860	60
Injuries and Damages (925)	6,737	61
Employee Pensions and Benefits (926)	142,878	62
Regulatory Commission Expenses (928)		63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	1,156	65
Rents (931)	4,200	66
Maintenance of General Plant (932)	2,416	67
<b>Total Administrative and General Expenses</b>	<b>269,877</b>	
 <b>Total Operation and Maintenance Expenses</b>	 <b>1,406,015</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		727,341	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		7,715	2
<b>Net property tax equivalent</b>		<b>719,626</b>	
Social Security		37,227	3
PSC Remainder Assessment		4,245	4
Other (specify): NONE			5
<b>Total tax expense</b>		<b>761,098</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			Waukesha				1
<b>SUMMARY OF TAX RATES</b>							<b>2</b>
State tax rate	mills		0.229213				3
County tax rate	mills		2.957130				4
Local tax rate	mills		6.816761				5
School tax rate	mills		12.723422				6
Voc. school tax rate	mills		1.640481				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
<b>Total tax rate</b>	mills		<b>24.367007</b>				<b>10</b>
Less: state credit	mills		2.156965				11
<b>Net tax rate</b>	mills		<b>22.210042</b>				<b>12</b>
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							<b>13</b>
<b>Local Tax Rate</b>	mills		<b>6.816761</b>				<b>14</b>
<b>Combined School Tax Rate</b>	mills		<b>14.363903</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>21.180664</b>				<b>17</b>
<b>Total Tax Rate</b>	mills		<b>24.367007</b>				<b>18</b>
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.869235</b>				<b>19</b>
<b>Total tax net of state credit</b>	mills		<b>22.210042</b>				<b>20</b>
<b>Net Local and School Tax Rate</b>	mills		<b>19.305754</b>				<b>21</b>
Utility Plant, Jan. 1	\$	<b>42,971,880</b>	42,971,880				22
Materials & Supplies	\$	<b>25,851</b>	25,851				23
<b>Subtotal</b>	\$	<b>42,997,731</b>	<b>42,997,731</b>				<b>24</b>
Less: Plant Outside Limits	\$	<b>0</b>	0				25
<b>Taxable Assets</b>	\$	<b>42,997,731</b>	<b>42,997,731</b>				<b>26</b>
Assessment Ratio	dec.		0.876205				27
<b>Assessed Value</b>	\$	<b>37,674,827</b>	<b>37,674,827</b>				<b>28</b>
<b>Net Local &amp; School Rate</b>	mills		<b>19.305754</b>				<b>29</b>
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>727,341</b>	<b>727,341</b>				<b>30</b>
Tax Equivalent per 1994 PSC Report	\$	489,453					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>727,341</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)	324		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
<b>Total Intangible Plant</b>	<b>324</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>			
Land and Land Rights (310)	79,182		4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	1,552,905		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
<b>Total Source of Supply Plant</b>	<b>1,632,087</b>	<b>0</b>	
<b>PUMPING PLANT</b>			
Land and Land Rights (320)	0		12
Structures and Improvements (321)	1,365,370		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	2,179,452	32,385	17
Diesel Pumping Equipment (326)	30,096		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	51,195		20
<b>Total Pumping Plant</b>	<b>3,626,113</b>	<b>32,385</b>	
<b>WATER TREATMENT PLANT</b>			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	760,122		23
<b>Total Water Treatment Plant</b>	<b>760,122</b>	<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Land and Land Rights (340)	26,400		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)			324	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>324</b>	
<b>SOURCE OF SUPPLY PLANT</b>				
Land and Land Rights (310)			79,182	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			0	7
Wells and Springs (314)			1,552,905	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			0	10
Other Water Source Plant (317)			0	11
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>1,632,087</b>	
<b>PUMPING PLANT</b>				
Land and Land Rights (320)			0	12
Structures and Improvements (321)			1,365,370	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)	103,238		2,108,599	17
Diesel Pumping Equipment (326)			30,096	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			51,195	20
<b>Total Pumping Plant</b>	<b>103,238</b>	<b>0</b>	<b>3,555,260</b>	
<b>WATER TREATMENT PLANT</b>				
Land and Land Rights (330)			0	21
Structures and Improvements (331)			0	22
Water Treatment Equipment (332)			760,122	23
<b>Total Water Treatment Plant</b>	<b>0</b>	<b>0</b>	<b>760,122</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Land and Land Rights (340)			26,400	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)	2,871,445		26
Transmission and Distribution Mains (343)	24,784,074	613,053	27
Fire Mains (344)	0		28
Services (345)	4,194,129	124,719	29
Meters (346)	912,132	166,741	30
Hydrants (348)	2,675,723	45,455	31
Other Transmission and Distribution Plant (349)	4,913		32
<b>Total Transmission and Distribution Plant</b>	<b>35,468,816</b>	<b>949,968</b>	
<b>GENERAL PLANT</b>			
Land and Land Rights (389)	0		33
Structures and Improvements (390)	27,361		34
Office Furniture and Equipment (391)	15,083		35
Computer Equipment (391.1)	72,139	34,095	36
Transportation Equipment (392)	158,022	38,984	37
Stores Equipment (393)	0		38
Tools, Shop and Garage Equipment (394)	77,525	11,525	39
Laboratory Equipment (395)	6,106		40
Power Operated Equipment (396)	56,207		41
Communication Equipment (397)	25,708	285	42
SCADA Equipment (397.1)	386,489		43
Miscellaneous Equipment (398)	0		44
Other Tangible Property (399)	0		45
<b>Total General Plant</b>	<b>824,640</b>	<b>84,889</b>	
<b>Total utility plant in service directly assignable</b>	<b>42,312,102</b>	<b>1,067,242</b>	
Common Utility Plant Allocated to Water Department	0		46
<b>Total utility plant in service</b>	<b>42,312,102</b>	<b>1,067,242</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)			2,871,445 26
Transmission and Distribution Mains (343)			25,397,127 27
Fire Mains (344)			0 28
Services (345)			4,318,848 29
Meters (346)	11,403		1,067,470 30
Hydrants (348)			2,721,178 31
Other Transmission and Distribution Plant (349)			4,913 32
<b>Total Transmission and Distribution Plant</b>	<b>11,403</b>	<b>0</b>	<b>36,407,381</b>
<b>GENERAL PLANT</b>			
Land and Land Rights (389)			0 33
Structures and Improvements (390)			27,361 34
Office Furniture and Equipment (391)			15,083 35
Computer Equipment (391.1)	57,622		48,612 36
Transportation Equipment (392)	9,863		187,143 37
Stores Equipment (393)			0 38
Tools, Shop and Garage Equipment (394)			89,050 39
Laboratory Equipment (395)			6,106 40
Power Operated Equipment (396)			56,207 41
Communication Equipment (397)			25,993 42
SCADA Equipment (397.1)			386,489 43
Miscellaneous Equipment (398)			0 44
Other Tangible Property (399)			0 45
<b>Total General Plant</b>	<b>67,485</b>	<b>0</b>	<b>842,044</b>
<b>Total utility plant in service directly assignable</b>	<b>182,126</b>	<b>0</b>	<b>43,197,218</b>
Common Utility Plant Allocated to Water Department			0 46
<b>Total utility plant in service</b>	<b>182,126</b>	<b>0</b>	<b>43,197,218</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)	0			3
Wells and Springs (314)	442,671	3.53%	54,818	4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0			6
Other Water Source Plant (317)	0			7
<b>Total Source of Supply Plant</b>	<b>442,671</b>		<b>54,818</b>	
<b>PUMPING PLANT</b>				
Structures and Improvements (321)	224,255	2.68%	36,592	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	692,861	5.30%	113,634	12
Diesel Pumping Equipment (326)	5,166	5.15%	1,550	13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	18,479	5.15%	2,636	15
<b>Total Pumping Plant</b>	<b>940,761</b>		<b>154,412</b>	
<b>WATER TREATMENT PLANT</b>				
Structures and Improvements (331)	0			16
Water Treatment Equipment (332)	109,155	3.67%	27,897	17
<b>Total Water Treatment Plant</b>	<b>109,155</b>		<b>27,897</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	853,522	2.12%	60,875	19
Transmission and Distribution Mains (343)	1,946,706	1.06%	265,960	20
Fire Mains (344)	0			21
Services (345)	801,927	2.30%	97,899	22
Meters (346)	367,268	5.26%	52,063	23
Hydrants (348)	357,841	1.71%	46,143	24
Other Transmission and Distribution Plant (349)	860	5.00%	246	25
<b>Total Transmission and Distribution Plant</b>	<b>4,328,124</b>		<b>523,186</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					0	3
314					497,489	4
315					0	5
316					0	6
317					0	7
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>497,489</b>	
321					260,847	8
322					0	9
323					0	10
324					0	11
325	103,238				703,257	12
326					6,716	13
327					0	14
328					21,115	15
	<b>103,238</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>991,935</b>	
331					0	16
332					137,052	17
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>137,052</b>	
341					0	18
342					914,397	19
343					2,212,666	20
344					0	21
345					899,826	22
346	11,403				407,928	23
348					403,984	24
349					1,106	25
	<b>11,403</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,839,907</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)	10,423	2.27%	621	<b>26</b>
Office Furniture and Equipment (391)	9,568	5.88%	887	<b>27</b>
Computer Equipment (391.1)	72,139	25.00%	15,093	<b>28</b>
Transportation Equipment (392)	96,738	10.56%	18,225	<b>29</b>
Stores Equipment (393)	0			<b>30</b>
Tools, Shop and Garage Equipment (394)	37,177	5.88%	4,897	<b>31</b>
Laboratory Equipment (395)	983	5.88%	359	<b>32</b>
Power Operated Equipment (396)	25,578	6.07%	3,412	<b>33</b>
Communication Equipment (397)	23,200	9.09%	2,350	<b>34</b>
SCADA Equipment (397.1)	205,767	10.00%	38,649	<b>35</b>
Miscellaneous Equipment (398)	0			<b>36</b>
Other Tangible Property (399)	0			<b>37</b>
<b>Total General Plant</b>	<b>481,573</b>		<b>84,493</b>	
<b>Total accum. prov. directly assignable</b>	<b>6,302,284</b>		<b>844,806</b>	
 Common Utility Plant Allocated to Water Department	 0			 <b>38</b>
 <b>Total accum. prov. for depreciation</b>	 <b>6,302,284</b>		 <b>844,806</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					11,044	26
391					10,455	27
391.1	57,622				29,610	28
392	9,863		2,470		107,570	29
393					0	30
394					42,074	31
395					1,342	32
396					28,990	33
397					25,550	34
397.1					244,416	35
398					0	36
399					0	37
	<b>67,485</b>	<b>0</b>	<b>2,470</b>	<b>0</b>	<b>501,051</b>	
	<b>182,126</b>	<b>0</b>	<b>2,470</b>	<b>0</b>	<b>6,967,434</b>	
					<b>0</b>	<b>38</b>
	<b>182,126</b>	<b>0</b>	<b>2,470</b>	<b>0</b>	<b>6,967,434</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			92,146	92,146	1
February			82,426	82,426	2
March			91,209	91,209	3
April			93,409	93,409	4
May			104,339	104,339	5
June			105,742	105,742	6
July			116,722	116,722	7
August			106,337	106,337	8
September			109,182	109,182	9
October			97,510	97,510	10
November			90,248	90,248	11
December			96,458	96,458	12
<b>Total for year</b>	<b>0</b>	<b>0</b>	<b>1,185,728</b>	<b>1,185,728</b>	
Less: Measured or estimated water used in main flushing and water treatment during year				15,736	13
Less: Other utility use				43,794	14
Other utility use explanation:					15
Tower cleaning & overflows		886			
Water main breaks & other leaks		42,467			
Fire Dept. usage		441			
Water pumped into distribution system				1,126,198	16
Less: Water sold				1,106,079	17
Losses and unaccounted for				20,119	18
Percent unaccounted for to the nearest whole percent (%)				2%	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				3,236	21
Date of maximum: 6/28/1999					22
Cause of maximum:					23
Hot weather, lawn watering.					
Minimum gallons pumped by all methods in any one day during reporting year				1,144	24
Date of minimum: 12/27/1999					25
Total KWH used for pumping for the year				4,343,038	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>	
CARDINAL CREST	3	1,029	10	165,000	No	<b>1</b>
IMPERIAL ESTATES 1	4	1,742	12	1,080,000	Yes	<b>2</b>
IMPERIAL ESTATES 2	5	350	10	230,000	Yes	<b>3</b>
CAMELOT FOREST 1	6	250	10	339,840	Yes	<b>4</b>
CAMELOT FOREST 2	7	250	10	547,200	Yes	<b>5</b>
CARRIAGE HILLS 1	8	350	8	302,000	Yes	<b>6</b>
CARRIAGE HILLS 2	9	1,800	12	576,000	Yes	<b>7</b>
DOMINIC HEIGHTS 1	10	1,635	12	576,000	Yes	<b>8</b>
DOMINIC HEIGHTS 2	11	359	12	360,000	Yes	<b>9</b>
MISSION HEIGHTS 1	12	350	8	259,200	No	<b>10</b>
MISSION HEIGHTS 2	13	350	8	288,000	No	<b>11</b>
WIRTH	14	350	12	309,000	Yes	<b>12</b>
BROOKFIELD SQUARE 1	15	1,800	15	1,368,000	Yes	<b>13</b>
BROOKFIELD SQUARE 2	16	1,000	10	316,000	Yes	<b>14</b>
ARROWHEAD LAKES	17	400	12	864,000	Yes	<b>15</b>
LAMPLIGHTER PARK	18	380	10	252,000	Yes	<b>16</b>
INDUSTRIAL PARK	19	200	8	720,000	Yes	<b>17</b>
FOUNTAIN PLAZA	20	400	10	288,000	Yes	<b>18</b>
STONEBROOK	21	376	12	432,000	Yes	<b>19</b>
BISHOPS WOODS	22	1,598	15	792,000	Yes	<b>20</b>
MARYBROOK	23	392	8	136,800	No	<b>21</b>
BURLEIGH	24	1,600	16	1,224,000	Yes	<b>22</b>
CHADWICK GREEN 1	25	252	12	864,000	Yes	<b>23</b>
CHADWICK GREEN 2	27	1,555	17	1,440,000	Yes	<b>24</b>
PILGRIM RD 1	28	300	15	792,000	Yes	<b>25</b>
PILGRIM RD 2	29	1,690	17	1,584,000	Yes	<b>26</b>

## 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)
NONE				

### 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	ARROWHEAD LAKES	BISHOPS WOODS	BROOKFIELD SQUARE #1	1
Location	16600 SHORE LINE DR	13200 BISHOPS LN	238 S MOORLAND RD	2
Purpose	P	P	P	3
Destination	T	D	R	4
Pump Manufacturer	LAYNE NORTHWEST	LAYNE NORTHWEST	AMERICAN TURBINE	5
Year Installed	1994	1977	1994	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	600	525	950	8
Pump Motor or Standby Engine Mfr	US MOTORS	GENERAL ELECTRIC	US MOTORS	10
Year Installed	1994	1977	1999	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	150	200	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	BROOKFIELD SQUARE #2	BROOKFIELD SQUARE #3	BROOKFIELD SQUARE #4	14
Location	238 S MOORLAND RD	238 S MOORLAND RD	238 S MOORLAND RD	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	SIMMONS	US PUMP	US PUMP	18
Year Installed	1994	1967	1967	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	200	1,000	1,000	21
Pump Motor or Standby Engine Mfr	FRANKLIN	US MOTORS	US MOTORS	23
Year Installed	1996	1985	1985	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	50	100	100	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	BURLEIGH RD	CAMELOT #1	CAMELOT #2	1
Location	13595 W BURLEIGH RD	2315 GUINEVERE DR	21825 GARETH LN	2
Purpose	P	P	P	3
Destination	R	D	D	4
Pump Manufacturer	BYRON JACKSON	BYRON JACKSON	BYRON JACKSON	5
Year Installed	1988	1991	1988	6
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	850	236	380	8
Pump Motor or Standby Engine Mfr	BYRON JACKSON	US MOTORS	BYRON JACKSON	9 10
Year Installed	1988	1962	1988	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	20	40	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	CARDINAL CREST #1	CARDINAL CREST #2	CARDINAL CREST #3	14
Location	33122 CARDINAL CREST DR	13120 CARDINAL CREST	13120 CARDINAL CREST DR	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	FAIR MORSE	BYRON JACKSON	BYRON JACKSON	18
Year Installed	1973	1959	1959	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	130	500	200	21
Pump Motor or Standby Engine Mfr	FAIR MORSE	US MOTORS	US MOTORS	22 23
Year Installed	1973	1959	1959	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	40	25	10	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	CARRIAGE HILLS #1	CARRIAGE HILLS #2	CHADWICK GREENS #1	1
Location	1920 N BROOKFIELD RD	1920 N BROOKFIEL RD	21175 CAMDEN LN	2
Purpose	P	P	P	3
Destination	R	R	T	4
Pump Manufacturer	GRUNDFOS	BYRON JACKSON	AMERICAN TURBINE	5
Year Installed	1994	1987	1993	6
Type	SUBMERSIBLE	SUBMERSIBLE	VERTICAL TURBINE	7
Actual Capacity (gpm)	210	400	600	8
Pump Motor or Standby Engine Mfr	FRANKLIN	BYRON JACKSON	US MOTORS	10
Year Installed	1994	1988	1993	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	25	100	30	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	CHADWICK GREENS #2	CHADWICK GREENS #3	CHADWICK GREENS #4	14
Location	21175 CAMDEN LANE	21175 CAMDEN LANE	21175 CAMDEN LANE	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	AMERICAN TURBINE	AMERICAN TURBINE	AMERICAN TURBINE	18
Year Installed	1993	1993	1993	19
Type	SUBMERSIBLE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,000	1,600	1,250	21
Pump Motor or Standby Engine Mfr	PLEUGER	US MOTORS	US MOTORS	23
Year Installed	1993	1993	1993	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	250	100	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	CHADWICK GREENS #5	DOMINIC HEIGHTS #1	DOMINIC HEIGHTS #2	1
Location	21175 CAMDEN LN	18015 ST JAMES RD	3905 MOUNTAIN DR	2
Purpose	B	P	P	3
Destination	D	D	D	4
Pump Manufacturer	AMERICAN TURBINE	GOULDS	LAYNE	5
Year Installed	1993	1997	1990	6
Type	VERTICAL TURBINE	SUBMERSIBLE	SUBMERSIBLE	7
Actual Capacity (gpm)	550	500	250	8
Pump Motor or Standby Engine Mfr	US MOTORS	PLEUGER	FRANKLIN	10
Year Installed	1993	1997	1995	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	30	150	30	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	FOUNTAIN PLAZA	GEBHARDT	HAWKS RIDGE	14
Location	16900 W CAPITOL DR	19605 GEBHARDT RD	840 HAWKS RIDGE RD	15
Purpose	P	B	B	16
Destination	D	D	D	17
Pump Manufacturer	REDA	LAYNE	AMERICAN TURBINE	18
Year Installed	1976	1987	1993	19
Type	SUBMERSIBLE	SUBMERSIBLE	SUBMERSIBLE	20
Actual Capacity (gpm)	200	440	190	21
Pump Motor or Standby Engine Mfr	FRANKLIN	PLEUGER	HITACHI	23
Year Installed	1988	1987	1993	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	20	20	8	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	IMPERIAL ESTATES #1	IMPERIAL ESTATES #2	INDUSTRIAL PARK	1
Location	4725 IMPERIAL DR	4450 CORAL DR	20795 INDUSTRY AVE	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	PEERLESS	LAYNE	BYRON JACKSON	5
Year Installed	1990	1989	1990	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	SUBMERSIBLE	7
Actual Capacity (gpm)	750	150	500	8
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	US MOTOR	BYRON JACKSON	9 10
Year Installed	1993	1960	1986	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	25	40	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	LAMPLIGHTER PARK	MARYBROOK	MISSION HEIGHTS #1	14
Location	3375 BURLAWN PKWY	510 ADELMAN CT	3015 SAN GABRIEL DR	15
Purpose	P	P	P	16
Destination	D	D	D	17
Pump Manufacturer	GRUNDFOS	STA-RITE	LAYNE	18
Year Installed	1997	1996	1983	19
Type	SUBMERSIBLE	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	200	95	180	21
Pump Motor or Standby Engine Mfr	FRANKLIN	FRANKLIN	GENERAL ELECTRIC	22 23
Year Installed	1997	1996	1965	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	30	15	15	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	MISSION HEIGHTS #2	MT PLEASANT	PARC DU CHATEAU	1
Location	3050 SAN MARCOS DR	1690 GREENVIEW DR	17975 COLLINE VUE BLVD	2
Purpose	P	B	B	3
Destination	D	D	D	4
Pump Manufacturer	JACUZZI	PLEUGER	PLUEGER	5
Year Installed	1965	1993	1996	6
Type	VERTICAL TURBINE	SUBMERSIBLE	SUBMERSIBLE	7
Actual Capacity (gpm)	200	190	120	8
Pump Motor or Standby Engine Mfr	GENERAL ELECTRIC	PLUEGER	PLUEGER	9 10
Year Installed	1965	1993	1999	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	15	10	10	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PHEASANT RUN #1	PHEASANT RUN #2	PILGRIM RD #1	14
Location	19390 DAVIDSON RD	19390 DAVIDON RD	4520 PILGRIM RD	15
Purpose	B	B	P	16
Destination	D	D	R	17
Pump Manufacturer	AURORA	AURORA	GRUNDFOS	18
Year Installed	1994	1994	1997	19
Type	CENTRIFUGAL	CENTRIFUGAL	SUBMERSIBLE	20
Actual Capacity (gpm)	340	340	1,100	21
Pump Motor or Standby Engine Mfr	MARATHON	MARATHON	PLUEGER	22 23
Year Installed	1994	1994	1997	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	8	8	250	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	PILGRIM RD #2	PILGRIM RD #3	PILGRIM RD #4	1
Location	4520 PILGRIM RD	4520 PILGRIM RD	4520 PILGRIM RD	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	GOULDS	GOULDS	GOULDS	5
Year Installed	1997	1997	1997	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	550	500	1,000	8
Pump Motor or Standby Engine Mfr	US MOTORS	US MOTORS	US MOTORS	9 10
Year Installed	1997	1997	1997	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	30	75	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PILGRIM RD #5	STILL POINT	STONEBROOK	14
Location	4520 PILGRIM RD	19305 NORTH AVE	3590 TARRYTOWN RD	15
Purpose	P	B	P	16
Destination	D	D	D	17
Pump Manufacturer	GOULDS	PLEUGER	LAYNE	18
Year Installed	1997	1993	1993	19
Type	VERTICAL TURBINE	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,000	215	300	21
Pump Motor or Standby Engine Mfr	US MOTORS	PLEUGER	GENERAL ELECTRIC	22 23
Year Installed	1997	1999	1972	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	75	10	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	TANGELWOOD #1	TANGELWOOD #2	WESTON HILLS #1	1
Location	820 HAVENWOOD CT	820 HAVENWOOD CT	965 S BROOKFIELD RD	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	AURORA	AURORA	AURORA	5
Year Installed	1994	1986	1997	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	360	500	350	8
Pump Motor or Standby Engine Mfr	MARATHON	US MOTORS	US MOTORS	9 10
Year Installed	1994	1986	1997	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	10	10	15	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	WESTON HILLS #2	WIRTH PARK #1	WIRTH PARK #2	14
Location	965 S BROOKFIELD RD	2645 PILGRIM RD	2645 PILGRIM RD	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	AURORA	GRUNDFOS	BRYON JACKSON	18
Year Installed	1997	1994	1965	19
Type	CENTRIFUGAL	SUBMERSIBLE	VERTICAL TURBINE	20
Actual Capacity (gpm)	350	215	250	21
Pump Motor or Standby Engine Mfr	US MOTORS	FRANKLIN	US MOTORS	22 23
Year Installed	1997	1994	1965	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	15	15	10	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	WIRTH PARK #3			1
Location	2645 PILGRIM RD			2
Purpose		B		3
Destination		D		4
Pump Manufacturer	BRYON JACKSON			5
Year Installed	1985			6
Type	VERTICAL TURBINE			7
Actual Capacity (gpm)	100			8
Pump Motor or Standby Engine Mfr	US MOTORS			10
Year Installed	1985			11
Type	ELECTRIC			12
Horsepower	8			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
Year Installed				23
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	ARROWHEAD LAKES	BISHOPS WOODS	BROOKFIELD SQUARE	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)			R	<b>3</b>
Year constructed			1967	<b>4</b>
Primary material (earthen, steel, concrete, other)			CONCRETE	<b>5</b>
Elevation difference in feet (See Headnote 3.)			0	<b>6</b>
Total capacity in gallons			500,000	<b>7</b>
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	<b>9</b>
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	<b>10</b>
Filters, type (gravity, pressure, other, none)	PRESSURE	NONE	NONE	<b>11</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.8640	0.0000	0.0000	<b>12</b>
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	<b>13</b>
Is water fluoridated (yes, no)?	N	N	N	<b>14</b>

## 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	BURLEIGH ROAD	CAMELOT FOREST 2	CAPITOL DRIVE	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET		ET	<b>3</b>
Year constructed	1977		1981	<b>4</b>
Primary material (earthen, steel, concrete, other)	STEEL		STEEL	<b>5</b>
Elevation difference in feet (See Headnote 3.)	179		172	<b>6</b>
Total capacity in gallons	400,000		1,000,000	<b>7</b>
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID		<b>9</b>
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE		<b>10</b>
Filters, type (gravity, pressure, other, none)	NONE	NONE		<b>11</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000	0.0000		<b>12</b>
Is a corrosion control chemical used (yes, no)?	Y	Y		<b>13</b>
Is water fluoridated (yes, no)?	N	N		<b>14</b>

## 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	CARDINAL CREST	CARRIAGE HILLS	CARRIAGE HILLS ADDN	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	3
Year constructed	1959	1971	1977	4
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	5
Elevation difference in feet (See Headnote 3.)	0	0	0	6
Total capacity in gallons	75,000	101,000	150,000	7
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)		LIQUID		9
Points of application (wellhouse, central facilities, booster station, other)		WELLHOUSE		10
Filters, type (gravity, pressure, other, none)		NONE		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		0.0000		12
Is a corrosion control chemical used (yes, no)?		Y		13
Is water fluoridated (yes, no)?		N		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	CHADWICK GREEN	DOMINIC HEIGHTS 1	DOMINIC HEIGHTS 2	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R			3
Year constructed	1994			4
Primary material (earthen, steel, concrete, other)	CONCRETE			5
Elevation difference in feet (See Headnote 3.)	0			6
Total capacity in gallons	507,000			7
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	9
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	10
Filters, type (gravity, pressure, other, none)	GRAVITY	NONE	NONE	11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	2.3040	0.0000	0.0000	12
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	13
Is water fluoridated (yes, no)?	N	N	N	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	ELMBROOK HOSPITAL	INDUSTRIAL PARK	LAMPLIGHTER PARK	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET		3
Year constructed	1978	1973		4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL		5
Elevation difference in feet (See Headnote 3.)	150	181		6
Total capacity in gallons	250,000	400,000		7
<b>WATER TREATMENT PLANT</b>				<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)		LIQUID	LIQUID	9
Points of application (wellhouse, central facilities, booster station, other)		WELLHOUSE	WELLHOUSE	10
Filters, type (gravity, pressure, other, none)		NONE	NONE	11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		0.0000	0.0000	12
Is a corrosion control chemical used (yes, no)?		Y	Y	13
Is water fluoridated (yes, no)?		N	N	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	MARYBROOK	MISSION HEIGHTS 1	PILGRIM RD	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
				<b>3</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)			R	<b>4</b>
				<b>5</b>
Year constructed			1997	<b>6</b>
				<b>7</b>
Primary material (earthen, steel, concrete, other)			CONCRETE	<b>8</b>
				<b>9</b>
Elevation difference in feet (See Headnote 3.)			0	<b>10</b>
				<b>11</b>
Total capacity in gallons			700,000	<b>12</b>
				<b>13</b>
<b>WATER TREATMENT PLANT</b>				<b>14</b>
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	<b>15</b>
				<b>16</b>
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	<b>17</b>
				<b>18</b>
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	<b>19</b>
				<b>20</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.0000	0.0000	0.0000	<b>21</b>
				<b>22</b>
Is a corrosion control chemical used (yes, no)?	Y	Y	Y	<b>23</b>
				<b>24</b>
Is water fluoridated (yes, no)?	N	N	N	<b>25</b>
				<b>26</b>

## 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	STONEBROOK	SUNNYSLOPE (I-94)	WIRTH PARK	1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>				<b>2</b>
				<b>3</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)		S	R	<b>4</b>
				<b>5</b>
Year constructed		1976	1965	<b>6</b>
				<b>7</b>
Primary material (earthen, steel, concrete, other)		STEEL	CONCRETE	<b>8</b>
				<b>9</b>
Elevation difference in feet (See Headnote 3.)		80	0	<b>10</b>
				<b>11</b>
Total capacity in gallons		1,000,000	50,000	<b>12</b>
				<b>13</b>
<b>WATER TREATMENT PLANT</b>				<b>14</b>
Disinfection, type of equipment (gas, liquid, powder, other)		LIQUID	LIQUID	<b>15</b>
				<b>16</b>
Points of application (wellhouse, central facilities, booster station, other)		WELLHOUSE	WELLHOUSE	<b>17</b>
				<b>18</b>
Filters, type (gravity, pressure, other, none)		NONE	NONE	<b>19</b>
				<b>20</b>
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		0.0000	0.0000	<b>21</b>
				<b>22</b>
Is a corrosion control chemical used (yes, no)?		Y	Y	<b>23</b>
				<b>24</b>
Is water fluoridated (yes, no)?		N	N	<b>25</b>
				<b>25</b>

### 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	414	0	0	0	414	1
M	D	3.000	3,072	0	0	0	3,072	2
M	D	4.000	3,650	0	0	0	3,650	3
P	D	4.000	2,905	0	0	0	2,905	4
M	D	6.000	137,596	0	0	0	137,596	5
P	D	6.000	240,359	4,382	0	0	244,741	6
M	T	8.000	68,401	0	0	0	68,401	7
P	T	8.000	244,346	1,055	0	0	245,401	8
M	T	10.000	3,579	0	0	0	3,579	9
P	T	10.000	44,932	0	0	0	44,932	10
M	T	12.000	49,559	0	0	0	49,559	11
P	T	12.000	138,831	5,289	0	0	144,120	12
A	T	16.000	4,989	0	0	0	4,989	13
M	T	16.000	36,530	0	0	0	36,530	14
<b>Total Within Municipality</b>			<b>979,163</b>	<b>10,726</b>	<b>0</b>	<b>0</b>	<b>989,889</b>	
<b>Total Utility</b>			<b>979,163</b>	<b>10,726</b>	<b>0</b>	<b>0</b>	<b>989,889</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)	
M	0.750	915	0	0	0	915		1
M	1.000	5,725	0	0	0	5,725		2
M	1.250	788	74	0	0	862		3
P	1.250	210	0	0	0	210		4
M	1.500	93	0	0	0	93		5
M	2.000	96	21	0	0	117		6
M	3.000	3	0	0	0	3		7
M	4.000	24	0	0	0	24		8
M	6.000	56	2	0	0	58		9
M	8.000	13	1	0	0	14		10
<b>Total Utility</b>		<b>7,923</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>8,021</b>	<b>0</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)	
0.625	1,364	0	22	0	1,342	10	1
0.750	5,932	295	187	0	6,040	830	2
1.000	1,160	150	14	0	1,296	196	3
1.500	112	14	0	0	126	15	4
2.000	90	9	0	0	99	8	5
3.000	34	2	0	0	36	1	6
4.000	7	0	0	0	7	0	7
6.000	2	0	0	0	2	0	8
<b>Total:</b>	<b>8,701</b>	<b>470</b>	<b>223</b>	<b>0</b>	<b>8,948</b>	<b>1,060</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	988	51	0	0	0	303	1,342	1
0.750	5,367	454	3	1	0	215	6,040	2
1.000	892	213	6	3	0	182	1,296	3
1.500	0	108	2	3	0	13	126	4
2.000	0	79	0	7	0	13	99	5
3.000	0	28	2	3	0	3	36	6
4.000	0	5	0	2	0	0	7	7
6.000	0	1	0	1	0	0	2	8
<b>Total:</b>	<b>7,247</b>	<b>939</b>	<b>13</b>	<b>20</b>	<b>0</b>	<b>729</b>	<b>8,948</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	0				0	<b>1</b>
Within Municipality	1,945	25			1,970	<b>2</b>
<b>Total Fire Hydrants</b>	<b>1,945</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>1,970</b>	
<b>Flushing Hydrants</b>						
	43	3			46	<b>3</b>
<b>Total Flushing Hydrants</b>	<b>43</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>46</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: 4,434  
 Number of distribution system valves end of year: 4,363  
 Number of distribution valves operated during year: 1,016

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## WATER OPERATING SECTION FOOTNOTES

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

Maintenance of Wells and Springs (614): Chemical treatment of Bishops Woods and Brookfield Square wells in 1999 amounted to \$24,604.

Maintenance of Pumping Equipment (633): Expenses in 1999 decreased due to two repairs of pumping equipment done in 1998 for \$58,200.

Chemicals (641): Increase of expenses due to additional usage of aqua mag solution in 1999.

Treatment Operation Labor and Expenses (642): Increase of expenses due to additional lab testings done in 1999, required by the Safe Drinking Water Act.

Maintenance of Distribution Reservoirs and Standpipes (672): Increase of expenses in 1999 due to revising the amortization periods for the I-94 standpipe painting during 1995 and the Capitol Drive water tower painting during 1998 (refer to File DWCCA-0760-BJM dated February 14, 2000).

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

Electric Pumping Equipment (325): Brookfield Square #1 pump motor was replaced at a cost of \$17,682. The retirement of \$90,000, represents the estimated value for Brookfield Square as established in the 1995 creation of our continued property records. Still Point booster pump was replaced for a cost of \$6,708 and the old pump was retired with an original cost of \$5,000. Parc du Chateau booster pump was replaced for a cost of \$7,995 and the old pump was retired with an original cost of \$8,238.

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### Water Mains (Page W-17)

Additions were financed by municipal bond issues or by developer dedications. Assessments levied against a property owner can be deferred for three or five years, depending on the type of project. Water main extensions were assessed at a rate based upon actual construction cost for said installation, repayable over 10 years at a 7% interest rate.

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### Water Services (Page W-18)

The total number of utility-owned services which are temporarily shut off at the curb box or otherwise not in use is unknown. The additions include 5 services financed by application of Cz-1 and 93 services assessed against property owners based on actual construction costs.

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

The utility is continuing to put an emphasis on operating system valves. Total valves operated in 1998 were 833 and for 1999 the utility operated 1016 valves.

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