



3013 (02-09-04)

ANNUAL REPORT

OF

Name: WEST ALLIS MUNICIPAL WATER UTILITY

Principal Office: 7525 WEST GREENFIELD AVENUE
WEST ALLIS, WI 53214

For the Year Ended: DECEMBER 31, 2002

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
FINANCIAL SECTION	
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
WATER OPERATING SECTION	
Water Operating Revenues & Expenses	W-01
Water Operating Revenues - Sales of Water	W-02
Sales for Resale (Acct. 466)	W-03
Other Operating Revenues (Water)	W-04
Water Operation & Maintenance Expenses	W-05
Taxes (Acct. 408 - Water)	W-06
Property Tax Equivalent (Water)	W-07
Water Utility Plant in Service	W-08
Accumulated Provision for Depreciation - Water	W-10
Source of Supply, Pumping and Purchased Water Statistics	W-12
Sources of Water Supply - Ground Waters	W-13
Sources of Water Supply - Surface Waters	W-14
Pumping & Power Equipment	W-15
Reservoirs, Standpipes & Water Treatment	W-16
Water Mains	W-17
Water Services	W-18
Meters	W-19
Hydrants and Distribution System Valves	W-20
Water Operating Section Footnotes	W-21

IDENTIFICATION AND OWNERSHIP

Exact Utility Name: WEST ALLIS MUNICIPAL WATER UTILITY

Utility Address: 7525 WEST GREENFIELD AVENUE
WEST ALLIS, WI 53214

When was utility organized? 1/1/1906

Report any change in name:

Effective Date:

Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: KRIS MOEN

Title: FINANCE SUPERVISOR

Office Address:

7525 W. GREENFIELD AVENUE
WEST ALLIS, WI 53214

Telephone: (414) 302 - 8251

Fax Number: (414) 302 - 8321

E-mail Address: kmoen@ci.west-allis.wi.us

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

Name:

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

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

Name: RICHARD NARLOCK

Title: CHAIRPERSON, BOARD OF PUBLIC WORKS

Office Address:

7525 W. GREENFIELD AVENUE
WEST ALLIS, WI 53214

Telephone: (414) 476 - 6215

Fax Number:

E-mail Address:

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

IDENTIFICATION AND OWNERSHIP

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

Name: THOMAS KARMAN, CPA

Title: PARTNER

Office Address: SCHENCK SOLUTIONS
2200 RIVERSIDE DRIVE
P.O. BOX 23819
GREEN BAY, WI 54305-3819

Telephone: (920) 455 - 4111

Fax Number: (920) 436 - 7808

E-mail Address: karmant@schencksolutions.com

Date of most recent audit report: 5/3/2001

Period covered by most recent audit: YEAR ENDED DECEMBER 31, 2001

Names and titles of utility management including manager or superintendent:

Name: GARY SCHMID CPA

Title: MANAGER OF FINANCE

Office Address:
7525 W GREENFIELD AVENUE
WEST ALLIS, WI 53214

Telephone: (414) 302 - 8252

Fax Number: (414) 302 - 8321

E-mail Address: gschmid@ci.west-allis.wi.us

Name: MICHAEL PERTMER

Title: DIRECTOR OF PUBLIC WORKS

Office Address:
6300 WEST MCGEOCH
WEST ALLIS, WI 53219

Telephone: (414) 302 - 8832

Fax Number: (414) 302 - 8889

E-mail Address: mpertmer@ci.west-allis.wi.us

Name: PAUL ZIEHLER

Title: ACTING CITY TREASURER/CITY ADMINISTRATOR

Office Address:
7525 W. GREENFIELD AVENUE
WEST ALLIS, WI 53214

Telephone: (414) 302 - 8201

Fax Number: (414) 302 - 8321

E-mail Address: pziehler@ci.west-allis.wi.us

Name of utility commission/committee: Board of Public Works

Names of members of utility commission/committee:

HON KURT KOPPLIN, ALDERMAN
HON RICHARD NARLOCK, ALDERMAN/CHAIR

IDENTIFICATION AND OWNERSHIP

Names of members of utility commission/committee:

HON JAMES SENGSTOCK, ALDERMAN

Is sewer service rendered by the utility? NO DERMAN/VICE-CHAIR

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

Date of Ordinance: [REDACTED]

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

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

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

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

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	5,687,199	5,561,806	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	4,274,712	4,130,810	2
Depreciation Expense (403)	376,858	382,541	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	674,156	677,176	5
Total Operating Expenses	5,325,726	5,190,527	
Net Operating Income	361,473	371,279	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	361,473	371,279	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	(8,120)	(24,835)	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	786	0	10
Miscellaneous Nonoperating Income (421)	0	883	11
Total Other Income	(7,334)	(23,952)	
Total Income	354,139	347,327	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	591	515	13
Total Miscellaneous Income Deductions	591	515	
Income Before Interest Charges	353,548	346,812	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	0	0	14
Amortization of Debt Discount and Expense (428)	4,043	3,941	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	83,159	93,065	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	87,202	97,006	
Net Income	266,346	249,806	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	1,871,397	1,621,591	20
Balance Transferred from Income (433)	266,346	249,806	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
Total Unappropriated Earned Surplus End of Year (216)	2,137,743	1,871,397	

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)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
INTEREST ON DEBT PROCEEDS	786	5
Total (Acct. 419):	786	
Miscellaneous Nonoperating Income (421):		
NONE		6
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE		7
Total (Acct. 425):	0	
Other Income Deductions (426):		
MISC ADJUSTMENTS-RECONCILIATIONS	591	8
Total (Acct. 426):	591	
Miscellaneous Credits to Surplus (434):		
NONE		9
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
NONE		10
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		11
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		12
Total (Acct. 439)--Debit:	0	

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

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	6,886				6,886	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll	13,675				13,675	3
Materials	1,331				1,331	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	15,006	0	0	0	15,006	
Net income (or loss)	(8,120)	0	0	0	(8,120)	

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	5,687,199	0	0	0	5,687,199	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained	8,652				8,652	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	5,678,547	0	0	0	5,678,547	

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	712,416	377,637	1,090,053	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses	145,975		145,975	5
Merchandising and jobbing	13,675		13,675	6
Other nonutility expenses			0	7
Water utility plant accounts	22,456		22,456	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	377,637	(377,637)	0	18
All other accounts			0	19
Total Payroll	1,272,159	0	1,272,159	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	25,183,556	24,911,064	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	8,683,191	8,296,354	2
Net Utility Plant	16,500,365	16,614,710	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)		10	4
Total Net Utility Plant	16,500,365	16,614,720	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Special Funds (125-128)	0	0	9
Total Other Property and Investments	0	0	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)			10
Special Deposits (132-134)	0	0	11
Working Funds (135)			12
Temporary Cash Investments (136)			13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	3,053,167	2,984,806	15
Other Accounts Receivable (143)	0	0	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	0	0	18
Materials and Supplies (151-163)	173,932	111,821	19
Prepayments (165)	0	0	20
Interest and Dividends Receivable (171)			21
Accrued Utility Revenues (173)			22
Miscellaneous Current and Accrued Assets (174)			23
Total Current and Accrued Assets	3,227,099	3,096,627	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	13,487	11,169	24
Other Deferred Debits (182-186)	0	0	25
Total Deferred Debits	13,487	11,169	
Total Assets and Other Debits	19,740,951	19,722,516	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	2,810,090	2,810,090	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	2,137,743	1,871,397	28
Total Proprietary Capital	4,947,833	4,681,487	
LONG-TERM DEBT			
Bonds (221-222)	0	0	29
Advances from Municipality (223)	1,846,973	1,939,361	30
Other Long-Term Debt (224)	0	0	31
Total Long-Term Debt	1,846,973	1,939,361	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	32
Accounts Payable (232)	249,902	240,837	33
Payables to Municipality (233)	1,735,472	1,980,190	34
Customer Deposits (235)			35
Taxes Accrued (236)	0	0	36
Interest Accrued (237)	20,158	23,956	37
Matured Long-Term Debt (239)			38
Matured Interest (240)			39
Tax Collections Payable (241)			40
Miscellaneous Current and Accrued Liabilities (242)	129,433	88,203	41
Total Current and Accrued Liabilities	2,134,965	2,333,186	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)			43
Other Deferred Credits (253)	0	0	44
Total Deferred Credits	0	0	
OPERATING RESERVES			
Property Insurance Reserve (261)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)			47
Miscellaneous Operating Reserves (265)			48
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	10,811,180	10,768,482	49
Total Liabilities and Other Credits	19,740,951	19,722,516	

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)	
Plant Accounts:					
Utility Plant in Service (101)	25,138,185	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)	45,371				7
Total Utility Plant	25,183,556	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	8,683,191	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
Total Accumulated Provision	8,683,191	0	0	0	
Net Utility Plant	16,500,365	0	0	0	

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)	
Balance first of year	8,296,354				8,296,354	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	376,858				376,858	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	46,878				46,878	6
Accruals charged other						7
accounts (specify):						8
Transportation & Power Oper Equip	55,326				55,326	9
Salvage	23,634				23,634	10
Other credits (specify):						11
					0	12
Total credits	502,696	0	0	0	502,696	13
Debits during year						14
Book cost of plant retired	115,409				115,409	15
Cost of removal	450				450	16
Other debits (specify):						17
					0	18
Total debits	115,859	0	0	0	115,859	19
Balance End of Year	8,683,191	0	0	0	8,683,191	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
Other (specify):					
None	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	

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

Particulars (a)	Amount (b)
Balance first of year	0 1
Additions:	
Provision for uncollectibles during year	2
Collection of accounts previously written off: Utility Customers	3
Collection of accounts previously written off: Others	4
Total Additions	<u>0</u>
Deductions:	
Accounts written off during the year: Utility Customers	5
Accounts written off during the year: Others	6
Total accounts written off	<u>0</u>
Balance end of year	<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)
Electric Utility						
Fuel (151)					0	0 1
Fuel stock expenses (152)					0	0 2
Plant mat. & oper. sup. (154)					0	0 3
Total Electric Utility					0	0

Account	Total End of Year	Amount Prior Year
Electric utility total	0	0 1
Water utility (154)	173,932	111,821 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
Total Materials and Supplies	173,932	111,821

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

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

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
GENERAL OBLIGATION BONDS--1997	30	428	119	1
GENERAL OBLIGATION BONDS--1998	263	428	3,945	2
GENERAL OBLIGATION BONDS--1999	115	428	1,847	3
GENERAL OBLIGATION BONDS--2000	50	428	850	4
GENERAL OBLIGATION BONDS-2001	150	428	2,700	5
GENERAL OBLIGATION BONDS-2002	125	428	2,375	6
GO REFUNDING BONDS-2002 FOR 1993	314	428	314	7
GO REFUNDING BONDS-2002 FOR 1994	73	428	220	8
GO REFUNDING BONDS-2002 FOR 1995	101	428	202	9
GO REFUNDING BONDS-2002 FOR 1996	229	428	915	10
Total			13,487	
Unamortized premium on debt (251)				
NONE				11
Total			0	

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	2,810,090	1
Changes during year (explain):		
NONE	0	2
Balance end of year	<u><u>2,810,090</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
Net amount of bonds outstanding December 31:				<u><u>0</u></u>

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)	
Advances (223)					
1997 GO PROMIS NOTES \$200,000	05/01/1997	04/01/2007	5.05%	112,000	1
1998 GOB \$500,000	01/15/1998	04/01/2017	4.62%	394,737	2
1999 GOB \$250,000	02/23/1999	04/01/2018	4.51%	209,459	3
2000 GOB \$250,000	04/01/2000	04/01/2014	5.35%	225,000	4
2001 GOB \$300,000	04/01/2001	04/01/2020	4.75%	290,000	5
2002 GO REFUNDING PROMISSORY NOTES \$152,	03/01/2002	04/01/2006	2.58%	152,459	6
2002 GO REFUNDING PROMISSORY NOTES \$39,1	03/01/2002	04/01/2005	2.58%	39,138	7
2002 GO REFUNDING PROMISSORY NOTES \$40,3	03/01/2002	04/01/2004	2.58%	40,391	8
2002 GO REFUNDING PROMISSORY NOTES \$83,7	03/01/2002	04/01/2003	2.58%	83,789	9
2002 GOB \$250,000	03/01/2002	04/01/2021	4.71%	250,000	10
1996 GO PROMIS NOTES \$500,000 (PARTIAL REFL	02/01/1996	02/01/2003	4.27%	50,000	11
Total for Account 223				1,846,973	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	674,156	2
Charged electric department expense		3
Charged sewer department expense	27,388	4
Other (explain):		
Capital Costs	1,468	5
Total Accruals and other credits	703,012	
Taxes paid during year:		
County, state and local taxes	613,556	6
Social Security taxes	84,297	7
PSC Remainder Assessment	5,159	8
Other (explain):		
NONE		9
Total payments and other debits	703,012	
Balance end of year	0	

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)	
Bonds (221)					
None	0			0	1
Subtotal	0	0	0	0	
Advances from Municipality (223)					
General Obligation Bonds---3/1/90	0			0	2
General Obligation Bonds--3/1/91	0			0	3
GENERAL OBLIG BONDS-4/1/92 ROUNDING	1		1	0	4
General Obligation Bonds--4/1/93	2,208	2,206	4,414	0	5
General Obligation Bonds--4/1/94	690	690	1,380	0	6
General Obligation Bonds--4/1/95	685	685	1,370	0	7
General Obligation Bonds--2/1/96	4,448	2,837	6,400	885	8
General Obligation Bonds--5/1/97	1,658	5,931	6,166	1,423	9
General Obligation Bonds--1/15/98	4,772	18,283	18,553	4,502	10
General Obligation Bonds--3/1/98	354	1,771	2,125	0	11
GENERAL OBLIGATION BONDS--2/23/99	2,405	9,203	9,342	2,266	12
GENERAL OBLIGATION BONDS--4/1/00	3,227	12,080	12,356	2,951	13
GENERAL OBLIGATION BONDS--4/1/01	3,508	13,735	13,835	3,408	14
GENERAL OBLIGATION BONDS--4/1/02		9,467	6,626	2,841	15
REFUNDING PROMIS NOTES (1993)-4/1/02		1,292	904	388	16
REFUNDING PROMIS NOTES (1994)-4/1/02		707	495	212	17
REFUNDING PROMIS NOTES (1995)-4/1/02		753	527	226	18
REFUNDING PROMIS NOTES (1996)-4/1/02		3,519	2,463	1,056	19
Subtotal	23,956	83,159	86,957	20,158	
Other Long-Term Debt (224)					
None	0			0	20
Subtotal	0	0	0	0	
Notes Payable (231)					
None	0			0	21
Subtotal	0	0	0	0	
Total	23,956	83,159	86,957	20,158	

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	10,768,482	0	0	0	0	10,768,482	1
Add credits during year:							
For Services	20,039					20,039	2
For Mains	0					0	3
Other (specify):							
METERS & ROM'S	13,554					13,554	4
HYDRANTS	1,936					1,936	5
ASSESSMENTS	7,169					7,169	6
Deduct charges (specify):							
NONE						0	7
Balance End of Year	10,811,180	0	0	0	0	10,811,180	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						0	8

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)
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
NONE		2
Total (Acct. 124):	0	
Sinking Funds (125):		
NONE		3
Total (Acct. 125):	0	
Depreciation Fund (126):		
NONE		4
Total (Acct. 126):	0	
Other Special Funds (128):		
NONE		5
Total (Acct. 128):	0	
Interest Special Deposits (132):		
NONE		6
Total (Acct. 132):	0	
Other Special Deposits (134):		
NONE		7
Total (Acct. 134):	0	
Notes Receivable (141):		
NONE		8
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	3,053,167	9
Electric		10
Sewer (Regulated)		11
Other (specify):		
NONE		12
Total (Acct. 142):	3,053,167	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		13
Merchandising, jobbing and contract work		14
Other (specify):		
NONE		15
Total (Acct. 143):	0	

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)
Receivables from Municipality (145):		
NONE		16
Total (Acct. 145):		0
Prepayments (165):		
NONE		17
Total (Acct. 165):		0
Extraordinary Property Losses (182):		
NONE		18
Total (Acct. 182):		0
Preliminary Survey and Investigation Charges (183):		
NONE		19
Total (Acct. 183):		0
Clearing Accounts (184):		
NONE		20
Total (Acct. 184):		0
Temporary Facilities (185):		
NONE		21
Total (Acct. 185):		0
Miscellaneous Deferred Debits (186):		
NONE		22
Total (Acct. 186):		0
Payables to Municipality (233):		
DUE TO GENERAL FUND	126,031	23
LOCAL SEWER REVENUE PAYABLE	229,431	24
MILWAUKEE METROPOLITAN SEWERAGE DISTRICT PAYABLE	1,044,919	25
STORM SEWER REVENUE PAYABLE	335,091	26
Total (Acct. 233):	1,735,472	
Other Deferred Credits (253):		
NONE		27
Total (Acct. 253):		0

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)	
Add Average:						
Utility Plant in Service	25,015,790	0	0	0	25,015,790	1
Materials and Supplies	142,876	0	0	0	142,876	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	8,489,772	0	0	0	8,489,772	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	10,789,831	0	0	0	10,789,831	6
Other (specify):						
NONE					0	7
Average Net Rate Base	5,879,063	0	0	0	5,879,063	
Net Operating Income	361,473	0	0	0	361,473	8
Net Operating Income as a percent of Average Net Rate Base						
	6.15%	N/A	N/A	N/A	6.15%	

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)	
Average Proprietary Capital		
Capital Paid in by Municipality	2,810,090	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	2,004,570	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	4,814,660	
Net Income		
Net Income	266,346	5
Percent Return on Proprietary Capital	5.53%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

Significant acquisitions during 2002 include the purchase of a new tandem dump truck for approximately \$85,000. The Utility retired/sold its existing tandem dump truck when the new one was purchased. Additional details are provided in the depreciation schedules.

2. Leaseholder changes.

None.

3. Extensions of service.

None.

4. Estimated changes in revenues due to rate changes.

In accordance with the Purchased Water Adjustment Clause in our rate order, the Utility implemented a rate change effective June 1, 2002. The rate change was a result of a rate case filed by our supplier, Milwaukee Water Works. Volumetric rates increased approximately 5% and quarterly service charges decreased approximately 0.5%. Due to the volumetric rate increase, total revenues were slightly higher, however part of that increase is also due to the increased consumption compared to 2001.

5. Obligations incurred or assumed, excluding commercial paper.

General Obligation Bonds were issued by the City on behalf of the Water Utility on 3/1/02 totaling \$250,000.

Refunding Promissory Notes were also issued on 3/1/02 to refund General Obligation Bond issues from 1993, 1994, 1995, and 1996 (partial refunding). The refunding notes were issued to take advantage of interest savings due to decreases in interest rates.

6. Formal proceedings with the Public Service Commission.

PWAC Rate Change effective June 1, 2002.

7. Any additional matters.

None.

FINANCIAL SECTION FOOTNOTES

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

Due to General Fund amount consists primarily of allocated General Fund Costs for administrative items such as postage and printing charges from the City's Print Shop, fuel, as well as labor allocations for Public Works labor and administrative support from the Finance Department and Information Services Department.

Identification and Ownership - Contacts (Page iv)

1/8/04 email:
Dear Ms. Moen:

The Public Service Commission (Commission) staff has completed its analytical review of your utility's 2002 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. We have no questions only the following comments:

1. In the future, amounts reported on Page F-19 greater than \$10,000, even like items grouped, should be explained fully. A description such as "due to/from general fund" should have more detail, such as a short list.
2. On Page W-7, the amount reported for Utility Plant Jan. 1 does not agree with the amount reported for plant on Page F-7 of the prior year report. Since the 1994 amount was used for property tax equivalent, this is immaterial; however, please use the correct amount in the future.

In addition, you may receive additional inquiries from our office regarding your annual report during a rate case, construction authorization, or other Commission reviews.

Thank you for your efforts in preparing your 2002 annual report. We are closing the review of your 2002 annual report. . If you have any questions, please feel free to contact me at (608) 266-3768 or by e-mail at elaine.engelke@psc.state.wi.us.

Sincerely,

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

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	5,512,568	1
Total Sales of Water	5,512,568	
Other Operating Revenues		
Forfeited Discounts (470)	33,775	2
Miscellaneous Service Revenues (471)	19,934	3
Rents from Water Property (472)	73,514	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	47,408	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	174,631	
Total Operating Revenues	5,687,199	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	2,225,354	8
Pumping Expenses (620-633)	137,013	9
Water Treatment Expenses (640-652)	27,363	10
Transmission and Distribution Expenses (660-678)	1,155,494	11
Customer Accounts Expenses (901-905)	113,285	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	616,203	14
Total Operation and Maintenance Expenses	4,274,712	
Other Operating Expenses		
Depreciation Expense (403)	376,858	15
Amortization Expense (404-407)		16
Taxes (408)	674,156	17
Total Other Operating Expenses	1,051,014	
Total Operating Expenses	5,325,726	
NET OPERATING INCOME	361,473	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (either Account 461 or Account 464).
5. Other accounts: see application Help files for details.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial				2
Industrial				3
Total Unmetered Sales to General Customers (460)	0	0	0	
Metered Sales to General Customers (461)				
Residential	17,382	1,156,716	2,838,690	4
Commercial	2,032	642,621	1,040,534	5
Industrial	80	323,796	441,420	6
Total Metered Sales to General Customers (461)	19,494	2,123,133	4,320,644	
Private Fire Protection Service (462)	254		49,569	7
Public Fire Protection Service (463)	19,574		911,620	8
Other Sales to Public Authorities (464)	80	148,208	230,735	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
Total Sales of Water	39,402	2,271,341	5,512,568	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)
None	None		1
Total		<u>0</u>	<u>0</u>

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)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1 or Fd-1)	911,620	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
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	911,620	
Forfeited Discounts (470):		
Customer late payment charges	33,775	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	33,775	
Miscellaneous Service Revenues (471):		
HYDRANT SERVICE CHARGE	17,160	7
MISC METER CHARGES	2,774	8
Total Miscellaneous Service Revenues (471)	19,934	
Rents from Water Property (472):		
WATER TOWER REVENUE (LEASES)	73,514	9
Total Rents from Water Property (472)	73,514	
Interdepartmental Rents (473):		
NONE		10
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	47,308	11
Other (specify):		
MISC FEES/REVENUE	100	12
Total Other Water Revenues (474)	47,408	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	0	

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)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)	2,225,354	3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)		8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)		10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	2,225,354	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)		14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	63,364	17
Pumping Labor and Expenses (624)	36,439	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)		20
Rents (627)		21
Maintenance Supervision and Engineering (630)		22
Maintenance of Structures and Improvements (631)		23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	37,210	25
Total Pumping Expenses	137,013	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)		26
Chemicals (641)	2,250	27

WATER OPERATION & MAINTENANCE EXPENSES

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

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	25,113	28
Miscellaneous Expenses (643)		29
Rents (644)		30
Maintenance Supervision and Engineering (650)		31
Maintenance of Structures and Improvements (651)		32
Maintenance of Water Treatment Equipment (652)		33
Total Water Treatment Expenses	27,363	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	139,301	34
Storage Facilities Expenses (661)		35
Transmission and Distribution Lines Expenses (662)		36
Meter Expenses (663)	29,123	37
Customer Installations Expenses (664)		38
Miscellaneous Expenses (665)	15,746	39
Rents (666)	22,375	40
Maintenance Supervision and Engineering (670)		41
Maintenance of Structures and Improvements (671)	388	42
Maintenance of Distribution Reservoirs and Standpipes (672)	5,415	43
Maintenance of Transmission and Distribution Mains (673)	355,037	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	367,489	46
Maintenance of Meters (676)	28,568	47
Maintenance of Hydrants (677)	190,139	48
Maintenance of Miscellaneous Plant (678)	1,913	49
Total Transmission and Distribution Expenses	1,155,494	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)		50
Meter Reading Labor (902)	37,995	51
Customer Records and Collection Expenses (903)	66,638	52
Uncollectible Accounts (904)	8,652	53

WATER OPERATION & MAINTENANCE EXPENSES

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

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		54
Total Customer Accounts Expenses	113,285	
 SALES EXPENSES		
Sales Expenses (910)		55
Total Sales Expenses	0	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	5,550	56
Office Supplies and Expenses (921)	22,349	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	73,571	59
Property Insurance (924)	7,327	60
Injuries and Damages (925)	7,484	61
Employee Pensions and Benefits (926)	448,740	62
Regulatory Commission Expenses (928)	321	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	12,556	65
Rents (931)	2,489	66
Maintenance of General Plant (932)	35,816	67
Total Administrative and General Expenses	616,203	
 Total Operation and Maintenance Expenses	 4,274,712	

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		613,556	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		19,208	2
Net property tax equivalent		594,348	
Social Security		74,649	3
PSC Remainder Assessment		5,159	4
Other (specify): NONE			5
Total tax expense		674,156	

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 § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Milwaukee				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.204400				3
County tax rate	mills		6.519100				4
Local tax rate	mills		10.483300				5
School tax rate	mills		8.150800				6
Voc. school tax rate	mills		2.050900				7
Other tax rate - Local	mills		1.737300				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		29.145800				10
Less: state credit	mills		1.320700				11
Net tax rate	mills		27.825100				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		10.483300				14
Combined School Tax Rate	mills		10.201700				15
Other Tax Rate - Local	mills		1.737300				16
Total Local & School Tax	mills		22.422300				17
Total Tax Rate	mills		29.145800				18
Ratio of Local and School Tax to Total	dec.		0.769315				19
Total tax net of state credit	mills		27.825100				20
Net Local and School Tax Rate	mills		21.406266				21
Utility Plant, Jan. 1	\$	24,536,779	24,536,779				22
Materials & Supplies	\$	111,821	111,821				23
Subtotal	\$	24,648,600	24,648,600				24
Less: Plant Outside Limits	\$	24,000	24,000				25
Taxable Assets	\$	24,624,600	24,624,600				26
Assessment Ratio	dec.		0.978700				27
Assessed Value	\$	24,100,096	24,100,096				28
Net Local & School Rate	mills		21.406266				29
Tax Equiv. Computed for Current Year	\$	515,893	515,893				30
Tax Equivalent per 1994 PSC Report	\$	613,556					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32 33
Tax equiv. for current year (see note 6)	\$	613,556					34

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)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	0		4
Structures and Improvements (311)	139,592		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	139,592	0	
PUMPING PLANT			
Land and Land Rights (320)	7,990		12
Structures and Improvements (321)	236,133		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	685,490		17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	0		20
Total Pumping Plant	929,613	0	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	9,590		23
Total Water Treatment Plant	9,590	0	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	50,000		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)
INTANGIBLE PLANT			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
Total Intangible Plant	0	0	0
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)			0 4
Structures and Improvements (311)			139,592 5
Collecting and Impounding Reservoirs (312)			0 6
Lake, River and Other Intakes (313)			0 7
Wells and Springs (314)			0 8
Infiltration Galleries and Tunnels (315)			0 9
Supply Mains (316)			0 10
Other Water Source Plant (317)			0 11
Total Source of Supply Plant	0	0	139,592
PUMPING PLANT			
Land and Land Rights (320)			7,990 12
Structures and Improvements (321)			236,133 13
Boiler Plant Equipment (322)			0 14
Other Power Production Equipment (323)			0 15
Steam Pumping Equipment (324)			0 16
Electric Pumping Equipment (325)			685,490 17
Diesel Pumping Equipment (326)			0 18
Hydraulic Pumping Equipment (327)			0 19
Other Pumping Equipment (328)			0 20
Total Pumping Plant	0	0	929,613
WATER TREATMENT PLANT			
Land and Land Rights (330)			0 21
Structures and Improvements (331)			0 22
Water Treatment Equipment (332)			9,590 23
Total Water Treatment Plant	0	0	9,590
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)			50,000 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)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	2,243,544	354	26
Transmission and Distribution Mains (343)	12,458,262	84,382	27
Fire Mains (344)	0		28
Services (345)	2,874,956	6,439	29
Meters (346)	1,833,703	47,002	30
Hydrants (348)	3,186,355	83,676	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	22,646,820	221,853	
GENERAL PLANT			
Land and Land Rights (389)	0		33
Structures and Improvements (390)	114,862		34
Office Furniture and Equipment (391)	18,710		35
Computer Equipment (391.1)	123,102	2,628	36
Transportation Equipment (392)	433,813	130,695	37
Stores Equipment (393)	0		38
Tools, Shop and Garage Equipment (394)	63,977		39
Laboratory Equipment (395)	0		40
Power Operated Equipment (396)	201,306		41
Communication Equipment (397)	189,221		42
SCADA Equipment (397.1)	0		43
Miscellaneous Equipment (398)	22,789	5,023	44
Other Tangible Property (399)	0		45
Total General Plant	1,167,780	138,346	
Total utility plant in service directly assignable	24,893,395	360,199	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	24,893,395	360,199	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)			2,243,898 26
Transmission and Distribution Mains (343)	289		12,542,355 27
Fire Mains (344)			0 28
Services (345)	90		2,881,305 29
Meters (346)	35,849		1,844,856 30
Hydrants (348)	20,248		3,249,783 31
Other Transmission and Distribution Plant (349)			0 32
Total Transmission and Distribution Plant	56,476	0	22,812,197
GENERAL PLANT			
Land and Land Rights (389)			0 33
Structures and Improvements (390)			114,862 34
Office Furniture and Equipment (391)			18,710 35
Computer Equipment (391.1)	2,043		123,687 36
Transportation Equipment (392)	56,890		507,618 37
Stores Equipment (393)			0 38
Tools, Shop and Garage Equipment (394)			63,977 39
Laboratory Equipment (395)			0 40
Power Operated Equipment (396)			201,306 41
Communication Equipment (397)			189,221 42
SCADA Equipment (397.1)			0 43
Miscellaneous Equipment (398)			27,812 44
Other Tangible Property (399)			0 45
Total General Plant	58,933	0	1,247,193
Total utility plant in service directly assignable	115,409	0	25,138,185
Common Utility Plant Allocated to Water Department			0 46
Total utility plant in service	115,409	0	25,138,185

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)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)	78,661	2.70%	3,769	1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	0			3
Wells and Springs (314)	0			4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0			6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	78,661		3,769	
PUMPING PLANT				
Structures and Improvements (321)	129,890	2.43%	5,738	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	474,475	4.42%	30,299	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	0			15
Total Pumping Plant	604,365		36,037	
WATER TREATMENT PLANT				
Structures and Improvements (331)	0			16
Water Treatment Equipment (332)	5,416	6.00%	576	17
Total Water Treatment Plant	5,416		576	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	615,857	1.86%	41,733	19
Transmission and Distribution Mains (343)	2,687,327	0.93%	116,253	20
Fire Mains (344)	0			21
Services (345)	2,237,233	2.09%	60,153	22
Meters (346)	628,351	5.00%	91,964	23
Hydrants (348)	744,317	1.59%	51,167	24
Other Transmission and Distribution Plant (349)	0			25
Total Transmission and Distribution Plant	6,913,085		361,270	

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					82,430	1
312					0	2
313					0	3
314					0	4
315					0	5
316					0	6
317					0	7
	0	0	0	0	82,430	
321					135,628	8
322					0	9
323					0	10
324					0	11
325					504,774	12
326					0	13
327					0	14
328					0	15
	0	0	0	0	640,402	
331					0	16
332					5,992	17
	0	0	0	0	5,992	
341					0	18
342					657,590	19
343	289				2,803,291	20
344					0	21
345	90				2,297,296	22
346	35,849		350		684,816	23
348	20,248	450	9,299		784,085	24
349					0	25
	56,476	450	9,649	0	7,227,078	

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)	
GENERAL PLANT				
Structures and Improvements (390)	32,907	2.27%	2,607	26
Office Furniture and Equipment (391)	18,099	5.88%	611	27
Computer Equipment (391.1)	123,102	25.00%	73	28
Transportation Equipment (392)	262,229	8.72%	37,341	29
Stores Equipment (393)	0			30
Tools, Shop and Garage Equipment (394)	63,872	5.88%	105	31
Laboratory Equipment (395)	0			32
Power Operated Equipment (396)	83,199	7.09%	17,985	33
Communication Equipment (397)	98,055	9.09%	17,200	34
SCADA Equipment (397.1)	0			35
Miscellaneous Equipment (398)	13,364	5.88%	1,488	36
Other Tangible Property (399)	0			37
Total General Plant	694,827		77,410	
Total accum. prov. directly assignable	8,296,354		479,062	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 8,296,354		 479,062	

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)	
390					35,514	26
391					18,710	27
391.1	2,043				121,132	28
392	56,890		13,985		256,665	29
393					0	30
394					63,977	31
395					0	32
396					101,184	33
397					115,255	34
397.1					0	35
398					14,852	36
399					0	37
	58,933	0	13,985	0	727,289	
	115,409	450	23,634	0	8,683,191	
					0	38
	115,409	450	23,634	0	8,683,191	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

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

Sources of Water Supply					
Month	Purchased Water Gallons (000's)	Surface Water Gallons (000's)	Ground Water Gallons (000's)	Total Gallons All Methods (000's)	
(a)	(b)	(c)	(d)	(e)	
January	205,136			205,136	1
February	173,653			173,653	2
March	173,286			173,286	3
April	201,049			201,049	4
May	182,861			182,861	5
June	198,353			198,353	6
July	289,406			289,406	7
August	247,089			247,089	8
September	222,972			222,972	9
October	199,486			199,486	10
November	167,818			167,818	11
December	210,262			210,262	12
Total annual pumpage	2,471,371	0	0	2,471,371	
Less: Water sold				2,271,341	13
Volume pumped but not sold				200,030	14
Volume sold as a percent of volume pumped				92%	15
Volume used for water production, water quality and system maintenance				34,911	16
Volume related to equipment/system malfunction				1,232	17
Non-utility volume NOT included in water sales					18
Total volume not sold but accounted for				36,143	19
Volume pumped but unaccounted for				163,887	20
Percent of water lost				7%	21
If more than 15%, indicate causes and state what action has been taken to reduce water loss: N/A					22
Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)				10,180	23
Date of maximum: 7/16/2002					24
Cause of maximum: High Usage day--summer consumption peak likely due to watering					25
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)				5,437	26
Date of minimum: 4/6/2002					27
Total KWH used for pumping for the year				905,305	28
If water is purchased: Vendor Name: MILWAUKEE WATER WORKS					29
Point of Delivery: 56TH & NATIONAL AVENUE / 77TH & PIERCE					30

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
NONE	NONE	0	0	0	No	1

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	#1	#2	#3	1
Location	MODEL 8000--84TH ST	MODEL 8000--84TH ST	64663--96TH ST	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	AC	AC	AC	5
Year Installed	1977	1977	1959	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	4,000	4,000	3,150	8
Pump Motor or Standby Engine Mfr	AC	AC	AC	9 10
Year Installed	1977	1977	1959	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	150	200	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	#4	#5	#6	14
Location	64663--96TH ST	64663--96TH STL 1150--BYPASS @ 96TH ST		15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	AC	AC	AC	18
Year Installed	1959	1959	1989	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	4,200	4,200	4,200	21
Pump Motor or Standby Engine Mfr	AC	US	AC	22 23
Year Installed	1959	1998	1989	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	250	250	150	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	116TH & ROGERS TANK	84TH & NATIONAL TANK	16TH & LAPHAM RESERVOIR	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET	R	3
Year constructed	1967	1993	1960	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	CONCRETE	5
Elevation difference in feet (See Headnote 3.)	154	128	0	6
Total capacity in gallons (actual)	1,500,000	1,500,000	4,000,000	7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)				9
Points of application (wellhouse, central facilities, booster station, other)				10
Filters, type (gravity, pressure, other, none)				11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				12
Is a corrosion control chemical used (yes, no)?			N	13
Is water fluoridated (yes, no)?	Y	Y	Y	14

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	6.000	493,828	139	268	0	493,699	1	
M	D	8.000	305,548	315	0	0	305,863	2	
M	D	10.000	6,229	0	0	0	6,229	3	
M	D	12.000	198,085	0	0	0	198,085	4	
M	D	16.000	57,822	0	0	0	57,822	5	
M	T	16.000	4,462	0	0	0	4,462	6	
A	T	24.000	1,216	0	0	0	1,216	7	
M	T	24.000	15,875	0	0	0	15,875	8	
A	T	30.000	10,652	0	0	0	10,652	9	
Total Within Municipality			1,093,717	454	268	0	1,093,903		
M	T	30.000	5,865	0	0	0	5,865	10	
Total Outside of Municipality			5,865	0	0	0	5,865		
Total Utility			1,099,582	454	268	0	1,099,768		

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)	
L	0.625	6,736	0	0	0	6,736	21	1
M	0.750	7,025	0	0	0	7,025		2
L	1.000	1	0	1	0	0		3
M	1.000	4,026	2	0	0	4,028	2	4
L	1.250	1	0	0	0	1		5
M	1.250	304	1	0	0	305		6
M	1.500	370	5	0	0	375	2	7
L	1.500	5	0	0	0	5		8
L	2.000	24	0	0	0	24		9
M	2.000	474	0	0	0	474	2	10
M	3.000	68	0	0	0	68	2	11
M	4.000	101	0	0	0	101	2	12
M	6.000	201	5	0	0	206		13
M	8.000	182	0	0	0	182		14
M	10.000	1	0	0	0	1		15
M	12.000	14	0	0	0	14		16
Total Utility		19,533	13	1	0	19,545	31	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).
5. Explain all reported adjustments as a schedule footnote.

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	17,402	0	501	955	17,856	1,060	1
0.750	1,780	400	30	(1,101)	1,049	0	2
1.000	417	0	4	(10)	403	7	3
1.250	26	0	0	3	29	0	4
1.500	287	64	89	(2)	260	181	5
2.000	130	0	0	(1)	129	23	6
3.000	58	2	0	(3)	57	4	7
4.000	29	0	0	2	31	8	8
6.000	16	0	0	(1)	15	15	9
8.000	1	0	0	0	1	1	10
Total:	20,146	466	624	(158)	19,830	1,299	

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	16,895	858	16	7	0	80	17,856	1
0.750	499	526	10	2	0	12	1,049	2
1.000	18	333	12	16	0	24	403	3
1.250	2	26	1	0	0	0	29	4
1.500	0	227	18	13	0	2	260	5
2.000	0	89	19	17	3	1	129	6
3.000	0	39	3	15	0	0	57	7
4.000	0	9	15	7	0	0	31	8
6.000	0	4	3	8	0	0	15	9
8.000	0	0	1	0	0	0	1	10
Total:	17,414	2,111	98	85	3	119	19,830	

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)	
Fire Hydrants						
Outside of Municipality	0				0	1
Within Municipality	2,609	45	44		2,610	2
Total Fire Hydrants	2,609	45	44	0	2,610	
Flushing Hydrants						
	0				0	3
Total Flushing Hydrants	0	0	0	0	0	

NR811.08(5) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year

Number of hydrants operated during year: 881
 Number of distribution system valves end of year: 3,197
 Number of distribution valves operated during year: 452

WATER OPERATING SECTION FOOTNOTES

Water Operating Revenues - Sales of Water (Page W-02)

Number of Private Fire customers is 254, but several customers have multiple lines. The total number of private fire lines is 281.

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

Utility does not sell for "re-sale"

Water Operation & Maintenance Expenses (Page W-05)

No significant changes of 15% or more occurred from 2001 to 2002. Total Operation & Maintenance Expenses increased \$143,902 or 3.48%.

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

Other Tax Rate-Local is levied by the Milwaukee Metropolitan Sewerage District.

Water Utility Plant in Service (Page W-08)

The Utility maintains subaccounts for Transmission Mains and Distribution Mains. Details are as follows:

Transmission Mains:

Beg Balance = \$1,400,487
No Additions or Retirements
End Balance = \$1,400,487

Distribution Mains:

Beg Balance = \$11,057,775
Additions = \$ 84,382
Retirements = \$ 289
End Balance = \$11,141,868

Significant additions during the year for mains, services, meters, and hydrants are supported by schedules W-17 through W-20.

Additions to the Transportation Equipment account in 2002 consisted of the purchase of a tandem dump truck for approximately \$84,000; two small pick-up trucks for approximately \$35,000; and one car for approximately \$12,000. These were replacements for existing utility vehicles. The old tandem dump was sold at auction in 2002, but the remaining three vehicles are still owned by the Utility with plans to send them to an auction for sale in 2003.

WATER OPERATING SECTION FOOTNOTES

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

The Utility maintains subaccounts for Accumulated Depreciation for Transmission Mains and Distribution Mains. Details are as follows:

Transmission Mains:

Beginning Balance	=	\$347,650
2002 Depreciation	=	\$ 13,025
Ending Balance	=	\$360,675

Distribution Mains:

Beginning Balance	=	\$2,339,676
2002 Depreciation	=	\$ 103,228
Retirements	=	\$ -289
Ending Balance	=	\$2,442,615

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

Water is flouridated, but by our supplier (Milwaukee Water Works), not by the West Allis Water Utility.

Although the West Allis Water Utility does not treat water prior to distribution, the utility owns a chlorination system in case chlorination would be required for disinfection. Based on a recommendation from DNR, the utility no longer stores chlorine gas on-site at the Reservoir, however we have maintained the chlorination system in case we should ever need it for disinfection.

The expenses reported in account 641 "Chemicals" on page W-5 are for the purchase of "colilert" which is a chemical used by our lab to test for coliform bacteria. In other words it is a chemical we use to "test" the water, not necessarily "treat" the water.

Water Mains (Page W-17)

Water Main additions are financed through Borrowings (Debt Issues) and Utility Earnings. During 2002, 642.6 feet of new 8" main, and 139.1 feet of new 6" main were financed in this manner.

Water Services (Page W-18)

New services were primarily financed by private owners using Schedule Cz-1. A total of 13 new services were installed by private owners totaling \$20,039.00. Fees are based on rates determined each year to reflect actual cost of time and materials necessary for the new service installation.

WATER OPERATING SECTION FOOTNOTES

Meters (Page W-19)

During 2002, the Utility extracted its meter data from its billing system and created an Access database. We used this database to run several queries to obtain the necessary detail to complete schedule W-19. Having the data more readily available than it has been in previous years, we undoubtedly discovered several property record corrections that were necessary. These corrections appear in the Adjustments column. Most significantly, we had to reclassify several meters that had originally been counted as 3/4" meters, but were actually 5/8" meters. This error probably occurred because the Utility typically does not distinguish between 3/4" meters and 5/8" meters (other than for reporting purposes) since they are billed at the same rate. Other minor adjustments were also noted on the schedule and simply resulted from the use of a better data source to complete the schedule compared to prior years.

Hydrants and Distribution System Valves (Page W-20)

The Utility recognizes that their valve exercising and hydrant operating programs do not comply with NR811.08(5). The main reason for this has been difficulty ensuring that records of actual valves exercised and hydrants operated were properly and timely recorded. In 2002, the Utility began recording hydrant maintenance activities in a SunPro Database system that the Fire Department uses. As a result, all maintenance and other hydrant activities that were performed by either the Water Utility or the Fire Department are recorded in a common database. As 2002 was the first year of using this new system, the Utility is still in the process of designing a schedule to ensure each hydrant is operated once every two years. This database will also be linked to the City's GIS system. Once this new process is established for the hydrant program, similar procedures will be implemented for the valve program to help ensure this data is properly recorded. According to Water Utility Superintendent, Mike Lempke, the low figure reported for the number of valves operated for 2002 is more a result of poor record-keeping than a failure to actually turn the valves.
