



3013 (02-09-04)

ANNUAL REPORT

OF

Name: MILWAUKEE WATER WORKS

Principal Office: 841 N. BROADWAY ROOM 409
MILWAUKEE, WI 53202-3687

For the Year Ended: DECEMBER 31, 2001

**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.

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: MILWAUKEE WATER WORKS

Utility Address: 841 N. BROADWAY ROOM 409
MILWAUKEE, WI 53202-3687

When was utility organized? 4/18/1871

Report any change in name:

Effective Date:

Utility Web Site: www.mpw.net

Utility employee in charge of correspondence concerning this report:

Name: MR TIMOTHY J. IGNATOWSKI

Title: WATER ACCOUNTANT II

Office Address:

841 NORTH BROADWAY RM 409
MILWAUKEE, WI 53202-3687

Telephone: (414) 286 - 2435

Fax Number: (414) 286 - 2672

E-mail Address: tignat@mpw.net

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: MR MARIANO SCHIFALACQUA

Title: COMMISSIONER OF PUBLIC WORKS

Office Address:

841 NORTH BROADWAY RM 516
MILWAUKEE, WI 53202-3687

Telephone:

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:

Title:

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

Telephone:

Fax Number:

E-mail Address:

Date of most recent audit report: 3/30/2001

Period covered by most recent audit: 01/01/2000 THROUGH 12/31/2000

Names and titles of utility management including manager or superintendent:

Name: MS CARRIE M. LEWIS

Title: SUPERINTENDENT

Office Address:

841 NORTH BROADWAY RM 409
MILWAUKEE, WI 53202-3687

Telephone: (414) 286 - 2801

Fax Number: (414) 286 - 2672

E-mail Address: clewis@mpw.net

Name of utility commission/committee:

Names of members of utility commission/committee:

- MR JAMES A BOHL, JR, UTIL & LICENSE COMMITTEE
- MS ROSA CAMERON-ROLLINS, UTIL & LICENSE COMMITTEE
- MR FREDRICK G GORDON, UTIL & LICENSE COMMITTEE
- MR TERRANCE HERRON, UTIL.& LICENSE COMMITTEE
- MR JEFFREY A PAWLINSKI, UTIL & LICENSE COMMITTEE

Is sewer service rendered by the utility? NO

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

Date of Ordinance:

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:

IDENTIFICATION AND OWNERSHIP

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:

No contract services provided.

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	61,923,561	62,102,777	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	33,071,777	33,064,663	2
Depreciation Expense (403)	8,917,426	8,956,247	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	9,132,975	9,276,712	5
Total Operating Expenses	51,122,178	51,297,622	
Net Operating Income	10,801,383	10,805,155	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	10,801,383	10,805,155	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	377,194	385,449	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	617,847	1,132,142	10
Miscellaneous Nonoperating Income (421)	0	22,766	11
Total Other Income	995,041	1,540,357	
Total Income	11,796,424	12,345,512	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	29,742	29,255	13
Total Miscellaneous Income Deductions	29,742	29,255	
Income Before Interest Charges	11,766,682	12,316,257	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	3,006,379	3,257,121	14
Amortization of Debt Discount and Expense (428)		0	15
Amortization of Premium on Debt--Cr. (429)		0	16
Interest on Debt to Municipality (430)	0	0	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)		0	19
Total Interest Charges	3,006,379	3,257,121	
Net Income	8,760,303	9,059,136	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	234,872,415	225,407,176	20
Balance Transferred from Income (433)	8,760,303	9,059,136	21
Miscellaneous Credits to Surplus (434)	7,859,606	7,902,807	22
Miscellaneous Debits to Surplus--Debit (435)	7,377,150	7,496,704	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)	244,115,174	234,872,415	

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 EARNED FROM LGIP AND CERTIFICATE OF DEPOSITS	617,847	5
Total (Acct. 419):	617,847	
Miscellaneous Nonoperating Income (421):		
NONE		6
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE		7
Total (Acct. 425):	0	
Other Income Deductions (426):		
MAINTENANCE OF PARKS, FOUNTAINS, AND A MINERAL WELL	28,565	8
DEPRECIATION OF NON-UTILITY PLANT	1,177	9
Total (Acct. 426):	29,742	
Miscellaneous Credits to Surplus (434):		
TAX EQUIVALENT FORMULA VARIATIONS	380,836	10
2001 DEBT SERVICE TAKEN BY CITY 12/00, PAID 2001	7,478,770	11
Total (Acct. 434):	7,859,606	
Miscellaneous Debits to Surplus (435):		
2002 DEBT SERVICE TAKEN BY CITY, 12/01	7,377,150	12
Total (Acct. 435)--Debit:	7,377,150	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		13
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		14
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)	473,569				473,569	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold	0				0	2
Payroll	62,807				62,807	3
Materials	33,568				33,568	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	96,375	0	0	0	96,375	
Net income (or loss)	377,194	0	0	0	377,194	

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	61,923,561	0	0	0	61,923,561	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	61,923,561	0	0	0	61,923,561	

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	14,710,848		14,710,848	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	62,807		62,807	6
Other nonutility expenses	10,983		10,983	7
Water utility plant accounts	952,991		952,991	8
Electric utility plant accounts			0	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant			0	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts			0	18
All other accounts			0	19
Total Payroll	15,737,629	0	15,737,629	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	476,835,507	469,201,131	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	126,309,205	117,975,776	2
Net Utility Plant	350,526,302	351,225,355	
Utility Plant Acquisition Adjustments (117-118)		0	3
Other Utility Plant Adjustments (119)		0	4
Total Net Utility Plant	350,526,302	351,225,355	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	540,299	540,299	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	121,328	120,151	6
Net Nonutility Property	418,971	420,148	
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	418,971	420,148	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	445,854	481,862	10
Special Deposits (132-134)	15,744,692	10,842,935	11
Working Funds (135)	1,000	500	12
Temporary Cash Investments (136)		0	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	11,290,760	10,918,829	15
Other Accounts Receivable (143)	0	0	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	0	0	18
Materials and Supplies (151-163)	2,612,570	2,180,318	19
Prepayments (165)	29,229	69,449	20
Interest and Dividends Receivable (171)	35,605	29,333	21
Accrued Utility Revenues (173)	5,726,812	6,250,751	22
Miscellaneous Current and Accrued Assets (174)		0	23
Total Current and Accrued Assets	35,886,522	30,773,977	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	0	0	24
Other Deferred Debits (182-186)	366,677	982,419	25
Total Deferred Debits	366,677	982,419	
Total Assets and Other Debits	387,198,472	383,401,899	

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)	800,082	0	26
Appropriated Earned Surplus (215)		0	27
Unappropriated Earned Surplus (216)	244,115,174	234,872,415	28
Total Proprietary Capital	244,915,256	234,872,415	
LONG-TERM DEBT			
Bonds (221-222)	63,814,668	69,436,001	29
Advances from Municipality (223)	0	0	30
Other Long-Term Debt (224)	0	0	31
Total Long-Term Debt	63,814,668	69,436,001	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	32
Accounts Payable (232)	1,826,888	1,698,421	33
Payables to Municipality (233)	1,883,129	2,475,565	34
Customer Deposits (235)		0	35
Taxes Accrued (236)	0	0	36
Interest Accrued (237)	333,065	361,475	37
Matured Long-Term Debt (239)		0	38
Matured Interest (240)		0	39
Tax Collections Payable (241)		0	40
Miscellaneous Current and Accrued Liabilities (242)	2,568,672	2,563,133	41
Total Current and Accrued Liabilities	6,611,754	7,098,594	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)		0	43
Other Deferred Credits (253)	0	0	44
Total Deferred Credits	0	0	
OPERATING RESERVES			
Property Insurance Reserve (261)		0	45
Injuries and Damages Reserve (262)		0	46
Pensions and Benefits Reserve (263)		0	47
Miscellaneous Operating Reserves (265)		0	48
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	71,856,794	71,994,889	49
Total Liabilities and Other Credits	387,198,472	383,401,899	

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)	466,668,127	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)	10,167,380				7
Total Utility Plant	476,835,507	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	126,309,205	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	126,309,205	0	0	0	
Net Utility Plant	350,526,302	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	117,975,776				117,975,776	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	8,917,426				8,917,426	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	1,666,834				1,666,834	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	213,216				213,216	10
Other credits (specify):						11
					0	12
Total credits	10,797,476	0	0	0	10,797,476	13
Debits during year						14
Book cost of plant retired	2,397,051				2,397,051	15
Cost of removal	66,996				66,996	16
Other debits (specify):						17
					0	18
Total debits	2,464,047	0	0	0	2,464,047	19
Balance End of Year	126,309,205	0	0	0	126,309,205	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):					
Kilbourn Park Structures & Improvements	16,480			16,480	2
Kilbourn Park Equipment	8,320			8,320	3
Land - Grange Station	0			0	4
Land - Howard Treatment Plant	338,960			338,960	5
Riverside Park Equipment	11,238			11,238	6
Riverside Park - Structures & Improvem.	17,708			17,708	7
North Point Tower	53,239			53,239	8
North Point Parks - Struc. & Improvem.	65,728			65,728	9
Land - Bluemound Tank Site	6,759			6,759	10
Land - Florist Station	21,867			21,867	11
Total Nonutility Property (121)	540,299	0	0	540,299	
Less accum. prov. depr. & amort. (122)	120,151	1,177		121,328	12
Net Nonutility Property	420,148	(1,177)	0	418,971	

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)	2,612,570	2,180,318 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	2,612,570	2,180,318

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

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

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

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

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

Particulars (a)	Amount (b)	
Balance first of year	0	1
Changes during year (explain):		
CITY OF MILWAUKEE-CONTRIBUTIONS IN AID OF CONSTRUCTION	800,082	2
Balance end of year	<u>800,082</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)	
SERIES C - REFUNDED	06/15/1995	06/15/2004	5.00%	1,000,182	1
SERIES D - REFUNDED	11/15/1995	11/15/2006	5.00%	3,668,225	2
SERIES REFUNDING - C AND D	01/23/1996	02/01/2015	5.83%	4,351,561	3
SERIES E - REFUNDED	06/11/1996	06/11/2006	5.49%	2,999,000	4
Series F - 1st Issue	11/12/1996	11/12/2011	4.97%	8,732,640	5
Series G - 1st Issue	06/15/1997	06/15/2012	4.93%	3,087,516	6
Series J - 1st Issue	12/01/1997	12/01/2012	4.78%	6,389,408	7
Series K - 1st Issue	06/15/1998	06/15/2013	4.64%	14,430,302	8
SDW - 1ST ISSUE	12/22/1998	05/01/2018	2.64%	4,466,224	9
SDW - 2ND ISSUE	03/24/1999	05/01/2018	2.64%	1,483,086	10
SDW - 3RD ISSUE	04/14/1999	05/01/2018	2.64%	4,583,458	11
SDW - 4TH ISSUE	08/11/1999	05/01/2018	2.64%	3,770,680	12
SDW - 5TH ISSUE	12/22/1999	05/01/2018	2.64%	1,726,728	13
SERIES REFUNDING - E	06/13/2001	06/15/2019	4.49%	3,125,658	14
Total Bonds (Account 221):				63,814,668	
Total Reacquired Bonds (Account 222)				0	15

Net amount of bonds outstanding December 31: 63,814,668

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)
--	------------------------------	------------------------------------	------------------------------	---

NONE

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	9,132,975	2
Charged electric department expense		3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	9,132,975	
Taxes paid during year:		
County, state and local taxes	8,009,546	6
Social Security taxes	1,039,809	7
PSC Remainder Assessment	83,620	8
Other (explain):		
NONE		9
Total payments and other debits	9,132,975	
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)					
SERIES C - REFUNDED	2,736	57,010	57,677	2,069	1
SERIES D - REFUNDED	26,412	206,704	211,290	21,826	2
SERIES REFUNDING - C AND D	114,532	263,539	269,200	108,871	3
SERIES E - REFUNDED	15,169	258,489	266,611	7,047	4
Series F - 1st Issue	62,222	492,317	497,776	56,763	5
Series G - 1st Issue	7,194	165,035	165,621	6,608	6
Series J - 1st Issue	27,594	329,143	331,132	25,605	7
SERIES K - 1ST ISSUE	31,820	734,325	736,583	29,562	8
SDW - 1st Issue	20,557	119,724	120,629	19,652	9
SDW - 2 ND ISSUE	6,824	39,756	40,057	6,523	10
SDW - 3 RD ISSUE	21,097	122,868	123,796	20,169	11
SDW - 4 TH ISSUE	17,363	101,092	101,873	16,582	12
SDW - 5 TH ISSUE	7,955	46,264	48,306	5,913	13
SERIES REFUNDING - E		70,113	64,238	5,875	14
Subtotal	361,475	3,006,379	3,034,789	333,065	
Advances from Municipality (223)					
NONE	0			0	15
Subtotal	0	0	0	0	
Other Long-Term Debt (224)					
NONE	0			0	16
Subtotal	0	0	0	0	
Notes Payable (231)					
NONE	0			0	17
Subtotal	0	0	0	0	
Total	361,475	3,006,379	3,034,789	333,065	

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	71,994,889	0	0	0	0	71,994,889	1
Add credits during year:							
For Services						0	2
For Mains	661,987					661,987	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
CITY OF MILWAUKEE	800,082					800,082	5
Balance End of Year	71,856,794	0	0	0	0	71,856,794	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	2,605,108					2,605,108	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)	
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):		
INVESTMENTS BY CITY TREASURER	15,744,692	7
Total (Acct. 134):	15,744,692	
Notes Receivable (141):		
NONE		8
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	10,595,280	9
Electric		10
Sewer (Regulated)		11
Other (specify):		
SUNDRY BILLS	695,480	12
Total (Acct. 142):	11,290,760	
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):		
DPW REIMBURSEMENT CARRYOVER FROM 2001 TO 2002	29,229	17
Total (Acct. 165):	29,229	
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):		
BILLABLE WORK IN PROGRESS	366,677	22
Total (Acct. 186):	366,677	
Payables to Municipality (233):		
DUE TO GENERAL FUND - 01	1,192,886	23
DUE TO SEWER TREATMENT FUND - 46	355,401	24
DUE TO SOLID WASTE FUND - 47	126,325	25
DUE TO SEWER MAINTENANCE FUND - 49	208,517	26
Total (Acct. 233):	1,883,129	
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	463,021,148	0	0	0	463,021,148	1
Materials and Supplies	2,396,444	0	0	0	2,396,444	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	122,142,490	0	0	0	122,142,490	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	71,925,841	0	0	0	71,925,841	6
Other (specify):						
NONE					0	7
Average Net Rate Base	271,349,261	0	0	0	271,349,261	
Net Operating Income	10,801,383	0	0	0	10,801,383	8
Net Operating Income as a percent of Average Net Rate Base						
	3.98%	N/A	N/A	N/A	3.98%	

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	400,041	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	239,493,794	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	239,893,835	
Net Income		
Net Income	8,760,303	5
Percent Return on Proprietary Capital	3.65%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

The water rate increase granted on June 1, 2001, per Docket 3720-WQ-100, did not have a significant effect on 2001 revenues due to the decrease in consumption (893 million gallons) and the quarterly billing system for most retail customers.

5. Obligations incurred or assumed, excluding commercial paper.

6. Formal proceedings with the Public Service Commission.

The Public Service Commission granted a rate increase (3.4%) on June 1, 2001. This was for a Simplified Rate Case (Docket 3720-WQ-100).

The Milwaukee Water Works also applied for a full water rate increase in August of 2001. The outcome is still pending. Note Docket 3720-WR-104.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Income Statement Account Details (Page F-02)

Account 434, Miscellaneous Credits to Surplus:

Line 10, Tax Equivalent Formula Variations. The City of Milwaukee charges the Water Works City and School tax rates, but not the Vocational School tax rate, as it considers the Vocational School to be not part of the City but part of a regional entity. Nor does it recognize any of the State Tax Credit. Thus, for 2001, the City charged the Water Works a tax equivalent of \$8,030,879, while by the PSC formula the tax equivalent was \$8,411,715. The difference of \$380,836 was recorded on line 10.

Account 434 and 435, Miscellaneous Credits and Debits to Surplus:

Line 11 and 12, Debt Service Payments. At year end, by State Statute, the City must take cash from the Water Works in an amount equal to the coming year's debt service (line 12). This includes only the General Obligation bonds (Series C-K and Refunding C,D, and E). The Safe Drinking Water issues are not included in this requirement. Also at year end, the City returns the cash taken of the previous year for debt service and the Water Works uses it to pay its current year debt service (line 11). These entries began to appear in the Water Works Income Statement in 1995. This is when we began borrowing to pay for ozone, water treatment, and intake expansion projects.

At the end of the year 2000, \$7,496,704 was transferred to the City of Milwaukee Debt Service Fund, to pay principal and interest on bond indebtedness in 2001. Normally, the amount returned to Retained Earnings at the end of 2001 would be the same. However, for 2001, the amount differs by \$17,934 (7,496,704-7,478,770), which relates to a refunding transaction for Series E (6/15/96).

Capital Paid in by Municipality (Acct. 200) (Page F-13)

Note Schedule F-18 (footnote) for a full explanation of this transfer.

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

The software on this schedule needs to be upgraded. There is no need for a sub-total for the bond Series C - 1st issue.

FINANCIAL SECTION FOOTNOTES

Contributions in Aid of Construction (Account 271) (Page F-18)

The City of Milwaukee contributions in aid of construction amount of \$800,082 was transferred from PSC 271 to PSC 200 (Capital Paid in by Municipality). This is in compliance with the E-mail dated March 20, 2002 from the PSC (Dan Boyle). This adjustment was found during the audit of the water rate case 3720-WR-104.

Note W-17 for detail of CIAC in the footnote.

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

PSC 233 - Payables to Municipality

Fund 01 consists of invoices paid by the City of Milwaukee that is pending reimbursement by the Water Works.

Fund 46, 47, and 49 consists of revenue collected that is pending transfer to the respective funds.

FINANCIAL SECTION FOOTNOTES

Identification and Ownership - Contacts (Page iv)

response received 1/3/03:

Comments by TIGNAT@MKE (Timothy J Ignatowski) at 1/03/03 11:01 am We will cooperate in providing the above information starting with the 2002 Annual Report. We will also be recording the general obligation bonds in Account 223 and the Safe Drinking Water bonds in Account 221, per your request. We have no further questions.

email 12/27/02:

Dear Mr. Ignatowski:

The Public Service Commission (Commission) staff has completed its analytical review of your utility's 2001 annual report. The primary purpose of the analytical review is to detect possible reporting or accounting related errors and also to identify significant fluctuations from prior years' data that are not sufficiently explained in the annual report. The analytical review did identify the following issues:

1. Please provide more detail, such as a short list, for the general fund amounts reported in Account 233, Page F-19. Please note that the schedule footnotes can be used when more space is necessary.

2. The following footnote appeared on Page F-17 "The software on this schedule needs to be upgraded. There is no need for a sub-total for the bond Series C - 1st issue." First, please do not include comments regarding WEGSARS or accounting issues in the schedule footnotes. These should always be addressed by calling the Commission. Either the arhelpdesk for WEGSARS issues at 608-267-2335 or Bruce Manthey for accounting issues at 608-266-5528. Second, the subtotals are necessary to the program. The interest reported on page F-1 is derived from this schedule and is depend on the subtotals for these individual accounts. Third, please confirm that all the debt reported in Account 221 is for Bonds and that none should be more appropriately reported as Advances from Municipality Account 223.

3. The following footnote appeared on Page W-8 "The software for this schedule should be upgraded for PSC 346. It should be divided into 346.1 (Meters) and 346.2 (Meters-Communication Equipment)." We again remind you of our comment in Item 2, please do not include comments or questions regarding WEGSARS or accounting procedures in schedule footnotes. These should be addressed as soon as possible by calling arhelpdesk or Bruce Manthey, Accounting Program Manager. This matter was discussed with both Mr. Manthey and Jim Luckow, Plant and Depreciation Specialist. It was determined that only two Class AB utilities have subaccounts. It is therefore appropriate that the schedule remain as is. Milwaukee should continue to report the total of the subaccounts in Account 346 and may provide the breakdown amounts for subaccounts in the schedule footnotes.

4. Again, referring to a schedule footnote on Page W-10, Milwaukee should use Account 346 on the depreciation schedule and use the schedule footnotes for providing the subaccount breakdown totals and individual depreciation rates.

5. Regarding Page W-15 and the horsepower warning, that will be removed in

FINANCIAL SECTION FOOTNOTES

the 2003 enhancements. Out of 2,518 records in this field for 2001, only 188 had greater than 200 horsepower. Hopefully the purpose of the warning, to record an accurate horsepower has been achieved. We apologize for the inconvenience this caused your utility.

6. Regarding the footnote to Schedule W-7, our version appears to have the correct digits. Please be sure you are using version 3.04. That version is available on our web site at psc.wi.gov for the 2002 report. If your digits appear incorrect after that version is loaded, please call the helpdesk immediately for discussions with our IT staff.

Responding to the questions posed from the analytical review does not preclude you from possibly receiving other inquiries from our office regarding your annual report in the future: for instance, during a rate case, construction authorization, or other Commission reviews.

We appreciate your cooperation in providing the above information. If you have any questions, please feel free to contact me at (608) 266-3768. Please respond within 30 days of this letter. We prefer that you respond by e-mail if it is convenient for you to do so. My e-mail address is elaine.engelke@psc.state.wi.us. If we have no questions regarding your response, you can consider the review closed.

Sincerely,

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

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	59,818,930	1
Total Sales of Water	59,818,930	
Other Operating Revenues		
Forfeited Discounts (470)	1,579,271	2
Miscellaneous Service Revenues (471)	133,535	3
Rents from Water Property (472)	212,721	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	179,104	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	2,104,631	
Total Operating Revenues	61,923,561	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	0	8
Pumping Expenses (620-633)	4,681,195	9
Water Treatment Expenses (640-652)	7,254,181	10
Transmission and Distribution Expenses (660-678)	12,992,904	11
Customer Accounts Expenses (901-905)	777,336	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	7,366,161	14
Total Operation and Maintenance Expenses	33,071,777	
Other Operating Expenses		
Depreciation Expense (403)	8,917,426	15
Amortization Expense (404-407)		16
Taxes (408)	9,132,975	17
Total Other Operating Expenses	18,050,401	
Total Operating Expenses	51,122,178	
NET OPERATING INCOME	10,801,383	

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	392	66,173	137,029	2
Industrial				3
Total Unmetered Sales to General Customers (460)	392	66,173	137,029	
Metered Sales to General Customers (461)				
Residential	141,412	13,721,538	24,655,168	4
Commercial	14,182	9,200,491	13,805,875	5
Industrial	1,373	7,578,499	7,168,314	6
Total Metered Sales to General Customers (461)	156,967	30,500,528	45,629,357	
Private Fire Protection Service (462)	2,143		502,975	7
Public Fire Protection Service (463)	10		4,634,714	8
Other Sales to Public Authorities (464)	995	2,375,372	2,409,426	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)	11	7,871,030	6,505,429	11
Interdepartmental Sales (467)				12
Total Sales of Water	160,518	40,813,103	59,818,930	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)	
CITY OF WAUWATOSA	W. CLARKE ST. & W.O. N.61 ST.	2,226,339	1,903,045	1
CITY OF WAUWATOSA	N. 60TH & W. STATE STREET			2
CITY OF WAUWATOSA	N. 84TH ST. & W. DANA COURT			3
CITY OF WEST ALLIS	S. 77TH & W. PIERCE STREET	2,459,555	1,955,935	4
CITY OF WEST ALLIS	S. 56TH ST. & W. NATIONAL AVE			5
CUDAHY, N SHORE, GREENDALE	STANDBY CHARGES		16,370	6
VILLAGE OF BROWN DEER	N. 40TH ST. & W. CALUMET RD.	576,975	504,422	7
VILLAGE OF BROWN DEER	N. 60TH ST. & W. BRADLEY RD.			8
VILLAGE OF BUTLER	N.124TH ST. & W. SILVER SPRING R	134,979	119,337	9
VILLAGE OF GREENDALE	S. 60TH ST. & W. EDGERTON AVE	525,608	560,170	10
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. SILVER SPRING F	1,278,083	869,719	11
VILLAGE OF MENOMONEE FALLS	N. 124TH ST. & W. BRADLEY RD.			12
VILLAGE OF SHOREWOOD	N. OAKLAND & E. EDGEWOOD AVE	466,178	432,005	13
VILLAGE OF SHOREWOOD	N. DOWNER & E. EDGEWOOD AVE			14
WISCONSIN GAS WATER SERVICES	N.76TH ST. & W. COUNTY LINE RD.	203,313	144,426	15
Total		7,871,030	6,505,429	

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)	4,212,236	1
Wholesale fire protection billed	422,478	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)	4,634,714	
Forfeited Discounts (470):		
Customer late payment charges	1,149,027	5
Other (specify):		
DELINQUENT PENALTIES - TAX ROLL ACCOUNTS	430,244	6
Total Forfeited Discounts (470)	1,579,271	
Miscellaneous Service Revenues (471):		
HOSE CONNECTIONS	5,914	7
INVESTIGATION CHARGES	391	8
COLLECTION FEES	12,037	9
STATUS OF ACCOUNT FEES	82,957	10
NSF CHECK FEES	13,549	11
METER RESET FEES	2,209	12
FINAL BILL FEES	16,478	13
Total Miscellaneous Service Revenues (471)	133,535	
Rents from Water Property (472):		
ANTENNA FEES	212,721	14
Total Rents from Water Property (472)	212,721	
Interdepartmental Rents (473):		
NONE		15
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	970,161	16
Other (specify):		
REIMBURSEMENT FROM SEWER USER TREATMENT, SEWER MAINTANANCE,		17
AND SOLID WASTE LESS THAN EXPENDITURES	(172,454)	18
ADJUSTMENT OF UNBILLED RECEIVABLE	(523,939)	19
ADJUSTMENT OF BAD DEBTS EXPENSE	(100,000)	20
SALE OF MATERIALS	5,336	21
Total Other Water Revenues (474)	179,104	

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)
Amortization of Construction Grants (475):	
NONE	22
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)		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	0	
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)	3,438,784	17
Pumping Labor and Expenses (624)	285,136	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	45,293	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	146,874	22
Maintenance of Structures and Improvements (631)	385,624	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	379,484	25
Total Pumping Expenses	4,681,195	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	355,138	26
Chemicals (641)	1,153,475	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)	2,745,566	28
Miscellaneous Expenses (643)	587,442	29
Rents (644)		30
Maintenance Supervision and Engineering (650)	106,831	31
Maintenance of Structures and Improvements (651)	914,921	32
Maintenance of Water Treatment Equipment (652)	1,390,808	33
Total Water Treatment Expenses	7,254,181	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	898,256	34
Storage Facilities Expenses (661)		35
Transmission and Distribution Lines Expenses (662)	1,040,356	36
Meter Expenses (663)	531,109	37
Customer Installations Expenses (664)		38
Miscellaneous Expenses (665)	1,543,249	39
Rents (666)		40
Maintenance Supervision and Engineering (670)		41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	46,257	43
Maintenance of Transmission and Distribution Mains (673)	5,448,532	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	2,494,353	46
Maintenance of Meters (676)	125,171	47
Maintenance of Hydrants (677)	690,231	48
Maintenance of Miscellaneous Plant (678)	175,390	49
Total Transmission and Distribution Expenses	12,992,904	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	66,652	50
Meter Reading Labor (902)	164,971	51
Customer Records and Collection Expenses (903)	545,713	52
Uncollectible Accounts (904)		53

WATER OPERATION & MAINTENANCE EXPENSES

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

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		54
Total Customer Accounts Expenses	777,336	
 SALES EXPENSES		
Sales Expenses (910)		55
Total Sales Expenses	0	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	2,496,086	56
Office Supplies and Expenses (921)	138,838	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	1,090,408	59
Property Insurance (924)	57,496	60
Injuries and Damages (925)	380,766	61
Employee Pensions and Benefits (926)	2,816,309	62
Regulatory Commission Expenses (928)	120,498	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	30,351	65
Rents (931)	209,033	66
Maintenance of General Plant (932)	26,376	67
Total Administrative and General Expenses	7,366,161	
 Total Operation and Maintenance Expenses	 33,071,777	

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		8,411,715	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		402,169	2
Net property tax equivalent		8,009,546	
Social Security		1,039,809	3
PSC Remainder Assessment		83,620	4
Other (specify): NONE			5
Total tax expense		<u>9,132,975</u>	

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		0.220000				3
County tax rate	mills		5.910000				4
Local tax rate	mills		10.870000				5
School tax rate	mills		10.120000				6
Voc. school tax rate	mills		2.230000				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		1.870000				9
Total tax rate	mills		31.220000				10
Less: state credit	mills		1.660000				11
Net tax rate	mills		29.560000				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		10.870000				14
Combined School Tax Rate	mills		12.350000				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		23.220000				17
Total Tax Rate	mills		31.220000				18
Ratio of Local and School Tax to Total	dec.		0.743754				19
Total tax net of state credit	mills		29.560000				20
Net Local and School Tax Rate	mills		21.985368				21
Utility Plant, Jan. 1	\$	469,201,131	469,201,131				22
Materials & Supplies	\$	2,180,318	2,180,318				23
Subtotal	\$	471,381,449	471,381,449				24
Less: Plant Outside Limits	\$	61,608,335	61,608,335				25
Taxable Assets	\$	409,773,114	409,773,114				26
Assessment Ratio	dec.		0.933700				27
Assessed Value	\$	382,605,157	382,605,157				28
Net Local & School Rate	mills		21.985368				29
Tax Equiv. Computed for Current Year	\$	8,411,715	8,411,715				30
Tax Equivalent per 1994 PSC Report	\$	6,904,063					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32
Tax equiv. for current year (see note 6)	\$	8,411,715					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)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	16,080,676		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	5,306,738		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	21,387,414	0	
PUMPING PLANT			
Land and Land Rights (320)	341,030		12
Structures and Improvements (321)	7,405,091		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	11,344,021		17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	0		20
Total Pumping Plant	19,090,142	0	
WATER TREATMENT PLANT			
Land and Land Rights (330)	914,137		21
Structures and Improvements (331)	10,578,634		22
Water Treatment Equipment (332)	96,327,848		23
Total Water Treatment Plant	107,820,619	0	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	55,685		24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
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)			0	5
Collecting and Impounding Reservoirs (312)			0	6
Lake, River and Other Intakes (313)			16,080,676	7
Wells and Springs (314)			0	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			5,306,738	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	21,387,414	
PUMPING PLANT				
Land and Land Rights (320)			341,030	12
Structures and Improvements (321)			7,405,091	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			11,344,021	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			0	20
Total Pumping Plant	0	0	19,090,142	
WATER TREATMENT PLANT				
Land and Land Rights (330)			914,137	21
Structures and Improvements (331)			10,578,634	22
Water Treatment Equipment (332)			96,327,848	23
Total Water Treatment Plant	0	0	107,820,619	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			55,685	24
Structures and Improvements (341)			0	25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	10,295,877		26
Transmission and Distribution Mains (343)	216,647,159	7,401,118	27
Fire Mains (344)	0		28
Services (345)	0		29
Meters (346)	31,143,865	788,441	30
Hydrants (348)	25,861,516	447,672	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	284,004,102	8,637,231	
GENERAL PLANT			
Land and Land Rights (389)	274,489		33
Structures and Improvements (390)	4,446,661		34
Office Furniture and Equipment (391)	1,707,951	3,490	35
Computer Equipment (391.1)	5,313,159	257,739	36
Transportation Equipment (392)	4,370,730	220,083	37
Stores Equipment (393)	209,055		38
Tools, Shop and Garage Equipment (394)	1,623,445	31,395	39
Laboratory Equipment (395)	660,858	62,591	40
Power Operated Equipment (396)	2,132,292	107,358	41
Communication Equipment (397)	3,049,672	36,997	42
SCADA Equipment (397.1)	3,176,308	334,124	43
Miscellaneous Equipment (398)	107,273		44
Other Tangible Property (399)	0		45
Total General Plant	27,071,893	1,053,777	
Total utility plant in service directly assignable	459,374,170	9,691,008	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	459,374,170	9,691,008	

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)			10,295,877 26
Transmission and Distribution Mains (343)	600,079		223,448,198 27
Fire Mains (344)			0 28
Services (345)			0 29
Meters (346)	559,368		31,372,938 30
Hydrants (348)	123,697		26,185,491 31
Other Transmission and Distribution Plant (349)			0 32
Total Transmission and Distribution Plant	1,283,144	0	291,358,189
GENERAL PLANT			
Land and Land Rights (389)			274,489 33
Structures and Improvements (390)			4,446,661 34
Office Furniture and Equipment (391)	42,457		1,668,984 35
Computer Equipment (391.1)	353,703		5,217,195 36
Transportation Equipment (392)	351,154		4,239,659 37
Stores Equipment (393)			209,055 38
Tools, Shop and Garage Equipment (394)	52,440		1,602,400 39
Laboratory Equipment (395)	8,552		714,897 40
Power Operated Equipment (396)	203,221		2,036,429 41
Communication Equipment (397)	93,035		2,993,634 42
SCADA Equipment (397.1)			3,510,432 43
Miscellaneous Equipment (398)	9,345		97,928 44
Other Tangible Property (399)			0 45
Total General Plant	1,113,907	0	27,011,763
Total utility plant in service directly assignable	2,397,051	0	466,668,127
Common Utility Plant Allocated to Water Department			0 46
Total utility plant in service	2,397,051	0	466,668,127

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)	0			1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	3,453,206	1.31%	210,657	3
Wells and Springs (314)	0			4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	3,024,924	1.36%	72,172	6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	6,478,130		282,829	
PUMPING PLANT				
Structures and Improvements (321)	4,577,942	1.81%	134,032	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	9,885,501	3.39%	47,954	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	0			15
Total Pumping Plant	14,463,443		181,986	
WATER TREATMENT PLANT				
Structures and Improvements (331)	4,929,805	1.84%	194,647	16
Water Treatment Equipment (332)	13,508,939	2.69%	2,591,220	17
Total Water Treatment Plant	18,438,744		2,785,867	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	2,410,054	1.72%	177,089	19
Transmission and Distribution Mains (343)	50,468,939	0.98%	2,156,467	20
Fire Mains (344)	0			21
Services (345)	0			22
Meters (346)	7,723,083	6.96%	2,558,085	23
Hydrants (348)	6,591,324	1.43%	372,140	24
Other Transmission and Distribution Plant (349)	0			25
Total Transmission and Distribution Plant	67,193,400		5,263,781	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					0	2
313					3,663,863	3
314					0	4
315					0	5
316					3,097,096	6
317					0	7
	0	0	0	0	6,760,959	
321					4,711,974	8
322					0	9
323					0	10
324					0	11
325					9,933,455	12
326					0	13
327					0	14
328					0	15
	0	0	0	0	14,645,429	
331					5,124,452	16
332					16,100,159	17
	0	0	0	0	21,224,611	
341					0	18
342					2,587,143	19
343	600,079	44,954	99,362		52,079,735	20
344					0	21
345					0	22
346	559,368		44,435		9,766,235	23
348	123,697	22,042	69,419		6,887,144	24
349					0	25
	1,283,144	66,996	213,216	0	71,320,257	

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)	1,615,365	2.11%	93,824	26
Office Furniture and Equipment (391)	501,228	5.26%	88,813	27
Computer Equipment (391.1)	3,724,393	15.00%	789,776	28
Transportation Equipment (392)	2,765,183	9.00%	387,468	29
Stores Equipment (393)	166,958	4.17%	8,718	30
Tools, Shop and Garage Equipment (394)	783,740	5.00%	80,645	31
Laboratory Equipment (395)	242,207	5.00%	34,394	32
Power Operated Equipment (396)	429,641	6.43%	134,024	33
Communication Equipment (397)	602,188	5.56%	166,790	34
SCADA Equipment (397.1)	496,999	8.33%	278,503	35
Miscellaneous Equipment (398)	74,157	6.67%	6,842	36
Other Tangible Property (399)	0			37
Total General Plant	11,402,059		2,069,797	
Total accum. prov. directly assignable	117,975,776		10,584,260	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 117,975,776		 10,584,260	

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					1,709,189	26
391	42,457				547,584	27
391.1	353,703				4,160,466	28
392	351,154				2,801,497	29
393					175,676	30
394	52,440				811,945	31
395	8,552				268,049	32
396	203,221				360,444	33
397	93,035				675,943	34
397.1					775,502	35
398	9,345				71,654	36
399					0	37
	1,113,907	0	0	0	12,357,949	
	2,397,051	66,996	213,216	0	126,309,205	
					0	38
	2,397,051	66,996	213,216	0	126,309,205	

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	Surface Water	Ground Water	Total Gallons	
(a)	Gallons	Gallons	Gallons	All Methods	
	(000's)	(000's)	(000's)	(000's)	
	(b)	(c)	(d)	(e)	
January		3,702,790		3,702,790	1
February		3,348,040		3,348,040	2
March		3,582,180		3,582,180	3
April		3,403,060		3,403,060	4
May		3,684,220		3,684,220	5
June		3,908,700		3,908,700	6
July		4,764,090		4,764,090	7
August		4,468,910		4,468,910	8
September		3,648,320		3,648,320	9
October		3,675,060		3,675,060	10
November		3,363,650		3,363,650	11
December		3,448,400		3,448,400	12
Total annual pumpage	0	44,997,420	0	44,997,420	
Less: Water sold				40,813,103	13
Volume pumped but not sold				4,184,317	14
Volume sold as a percent of volume pumped				91%	15
Volume used for water production, water quality and system maintenance				401,373	16
Volume related to equipment/system malfunction				0	17
Non-utility volume NOT included in water sales				7,000	18
Total volume not sold but accounted for				408,373	19
Volume pumped but unaccounted for				3,775,944	20
Percent of water lost				8%	21
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					22
Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)				179,000	23
Date of maximum: 7/10/2001					24
Cause of maximum:					25
Hot, dry weather					
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)				97,410	26
Date of minimum: 11/23/2001					27
Total KWH used for pumping for the year				75,257,338	28
If water is purchased: Vendor Name:					29
Point of Delivery:					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

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
LINNWOOD INTAKE (LAKE MICH	1	6,565	55	144	1
TEXAS INTAKE (L. MICHIGAN)	2	11,823	50	108	2

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PUMP 011 (3 AT STATION)	PUMP 017 (2 AT STATION)	PUMP 046 (4 AT STATION)	1
Location	TEXAS STATION	HOWARD STATION	FLORIST STATION	2
Purpose	P	P	B	3
Destination	T	D	D	4
Pump Manufacturer	FAI RBANKS - MORSE	ALLIS CHALMERS	PATTERSON	5
Year Installed	1974	1961	1994	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	38,194	15,972	4,861	8
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	ALLIS CHALMERS	PATTERSON	9 10
Year Installed	1974	1961	1994	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,000	350	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 001	PUMP 002	PUMP 003	14
Location	LINNWOOD TREATM. PL.	LINNWOOD TREATM. PL.	LINNWOOD TREATM. PL.	15
Purpose	P	P	P	16
Destination	T	T	T	17
Pump Manufacturer	ITT A-C PUMP	ITT A-C PUMP	ALLIS CHALMERS	18
Year Installed	2000	2000	1938	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	27,778	27,778	34,722	21
Pump Motor or Standby Engine Mfr	RELIANCE ELECTRIC	RELIANCE ELECTRIC	ALLIS CHALMERS	22 23
Year Installed	2000	2000	1938	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	800	800	350	26

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PUMP 004	PUMP 005	PUMP 006	1
Location	LINNWOOD TREATM. PL.	LINNWOOD TREAT. PL.	LINNWOOD TREAT. PL.	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1938	1938	1938	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	34,722	34,722	34,722	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1938	1938	1938	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	350	350	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 007	PUMP 008	PUMP 009 (1 AT STATION)	14
Location	LINNWOOD TREAT. PL	LINNWOOD TREAT. PL.	TEXAS STATION	15
Purpose	P	P	P	16
Destination	T	T	T	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS MORSE	18
Year Installed	1938	1938	1974	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	52,083	69,444	38,194	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS MORSE	22 23
Year Installed	1938	1938	1974	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	500	600	2,000	26

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	P 010 (PUMP 2 AT STATION)	P 012 (PUMP 4 AT STATION)	PUMP 013 (5 AT STATION)	1
Location	TEXAS STATION	TEXAS STATION	TEXAS STATION	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1961	1961	1961	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	24,305	24,305	24,305	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1961	1961	1961	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	1,200	1,200	1,200	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 014 (6 AT STATION)	PUMP 015 (7 AT STATION)	PUMP 016 (1 AT STATION)	14
Location	TEXAS STATION	TEXAS STATION	HOWARD STATION	15
Purpose	P	P	P	16
Destination	T	T	D	17
Pump Manufacturer	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1974	1961	1961	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	38,194	24,305	15,972	21
Pump Motor or Standby Engine Mfr	FAIRBANKS - MORSE	ALLIS CHALMERS	ALLIS CHALMERS	22 23
Year Installed	1974	1961	1961	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	2,000	1,200	350	26

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PUMP 018 (3 AT STATION)	PUMP 019 (4 AT STATION)	PUMP 020 (5 AT STATION)	1
Location	HOWARD STATION	HOWARD STATION	HOWARD STATION	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1961	1961	1961	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	19,444	19,444	27,778	8
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	9 10
Year Installed	1961	1961	1961	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	600	600	2,000	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 021 (6 AT STATION)	PUMP 022 (7 AT STATION)	PUMP 023 (8 AT STATION)	14
Location	HOWARD STATION	HOWARD STATION	HOWARD STATION	15
Purpose	P	P	P	16
Destination	D	D	D	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1961	1961	1961	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	34,722	34,722	27,778	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	22 23
Year Installed	1961	1961	1961	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	2,000	2,000	2,000	26

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PUMP 030 (1-A AT STA.)	PUMP 031 (1-B AT STA.)	PUMP 032 (2 AT STATION)	1
Location	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	PATTERSON	FAIRBANKS - MORSE	FAIRBANKS - MORSE	5
Year Installed	1992	1969	1969	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	20,833	17,361	17,361	8
Pump Motor or Standby Engine Mfr	PATTERSON	FAIRBANKS - MORSE	FAIRBANKS - MORSE	9 10
Year Installed	1992	1969	1969	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	2,000	1,750	1,750	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 033 (3-A AT STA.)	PUMP 034 (3-B AT STA.)	PUMP 035 (4 AT STATION)	14
Location	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	RIVERSIDE PUMPING STA.	15
Purpose	P	P	P	16
Destination	D	D	D	17
Pump Manufacturer	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS - MORSE	18
Year Installed	1955	1955	1968	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	20,833	20,833	17,361	21
Pump Motor or Standby Engine Mfr	ALLIS CHALMERS	ALLIS CHALMERS	FAIRBANKS - MORSE	22 23
Year Installed	1955	1955	1968	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	2,000	2,000	1,750	26

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	PUMP 049 (7 AT STATION)	PUMP 050 (8 AT STATION)	PUMP 051 (1 AT STATION)	1
Location	FLORIST AVE STA.	FLORIST AVE STA.	MENOMONEE STA.	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	5
Year Installed	1969	1965	1933	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	17,311	10,417	20,833	8
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	10
Year Installed	1969	1965	1933	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	500	350	1,500	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 052 (2 AT STATION)	PUMP 053 (4 AT STATION)	PUMP 054 (1 AT STATION)	14
Location	MENOMONEE STA.	MENOMONEE STA.	KILBOURN PUMPING STA.	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	18
Year Installed	1939	1940	1957	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	13,889	20,833	13,889	21
Pump Motor or Standby Engine Mfr	DELAVAL	ALLIS CHALMERS	ALLIS CHALMERS	23
Year Installed	1939	1940	1957	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	1,500	1,500	200	26

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

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

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

PUMPING & POWER EQUIPMENT

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

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

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

RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	FLORIST TANK ONE	FLORIST TANK TWO	GREENFIELD	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S	S	ET	3
Year constructed	1965	1995	1967	4
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	STEEL	5
Elevation difference in feet (See Headnote 3.)	36	36	187	6
Total capacity in gallons (actual)	12,000,000	12,000,000	2,000,000	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)?				13
Is water fluoridated (yes, no)?				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	HAWLEY	HOWARD PLANT	KILBOURN	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET		S	3
Year constructed	1989		1873	4
Primary material (earthen, steel, concrete, other)	STEEL		OTHER	5
Elevation difference in feet (See Headnote 3.)	289		21	6
Total capacity in gallons (actual)	2,000,000		20,000,000	7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)		GAS		9
Points of application (wellhouse, central facilities, booster station, other)		CENTRAL FACILITIES		10
Filters, type (gravity, pressure, other, none)		GRAVITY		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		105.0000		12
Is a corrosion control chemical used (yes, no)?		Y		13
Is water fluoridated (yes, no)?		Y		14

RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	LAKE	LINCOLN TANK ONE	LINCOLN TANK TWO	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	S	S	3
Year constructed	1939	1956	1957	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	5
Elevation difference in feet (See Headnote 3.)	148	42	42	6
Total capacity in gallons (actual)	1,000,000	6,000,000	6,000,000	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)?				13
Is water fluoridated (yes, no)?				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	LINWOOD PLANT	MENOMONEE TANK ONE	MENOMONEE TANK TWO	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)		S	S	3
Year constructed		1935	1940	4
Primary material (earthen, steel, concrete, other)		STEEL	STEEL	5
Elevation difference in feet (See Headnote 3.)		48	48	6
Total capacity in gallons (actual)		6,000,000	6,000,000	7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)	GAS			9
Points of application (wellhouse, central facilities, booster station, other)	CENTRAL FACILITIES			10
Filters, type (gravity, pressure, other, none)	GRAVITY			11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	275.0000			12
Is a corrosion control chemical used (yes, no)?	Y			13
Is water fluoridated (yes, no)?	Y			14

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	3,597	0	0	0	3,597	1	
M	D	4.000	45,042	0	0	0	45,042	2	
P	D	4.000	951	0	0	0	951	3	
M	D	6.000	2,888,547	3,230	23,092	0	2,868,685	4	
P	D	6.000	286	0	0	0	286	5	
A	D	8.000	8,805	0	0	0	8,805	6	
M	D	8.000	3,251,360	45,554	21,686	0	3,275,228	7	
P	D	8.000	2,908	0	0	0	2,908	8	
M	D	12.000	1,306,636	6,902	2,810	0	1,310,728	9	
M	T	16.000	950,702	2,138	1,089	0	951,751	10	
P	T	16.000	5	0	0	0	5	11	
M	T	20.000	61,143	190	215	0	61,118	12	
P	T	20.000	3,661	0	0	0	3,661	13	
M	T	24.000	24,326	0	0	0	24,326	14	
P	T	24.000	18,027	0	0	0	18,027	15	
M	T	30.000	77,502	0	0	0	77,502	16	
P	T	30.000	11,798	0	0	0	11,798	17	
M	T	36.000	101,809	0	0	0	101,809	18	
P	T	36.000	29,010	0	0	0	29,010	19	
M	T	42.000	14,092	0	0	0	14,092	20	
P	T	42.000	81,481	0	0	0	81,481	21	
M	T	48.000	23,379	0	0	0	23,379	22	
P	T	48.000	26,302	0	0	0	26,302	23	
M	T	54.000	67,551	0	0	0	67,551	24	
P	T	54.000	69,771	0	0	0	69,771	25	
P	T	60.000	20,509	0	0	0	20,509	26	
Total Within Municipality			9,089,200	58,014	48,892	0	9,098,322		
M	D	4.000	6,086	0	0	0	6,086	27	
M	D	6.000	95,636	21	2,847	0	92,810	28	
M	D	8.000	669,090	1,808	22	0	670,876	29	
M	D	12.000	196,536	0	8	0	196,528	30	
M	T	16.000	170,184	0	0	0	170,184	31	

WATER MAINS

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

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	T	20.000	2,932	0	0	0	2,932	32
P	T	20.000	6,544	0	0	0	6,544	33
M	T	24.000	15,307	0	0	0	15,307	34
P	T	24.000	8,241	0	0	0	8,241	35
P	T	30.000	3,408	0	0	0	3,408	36
M	T	36.000	211	0	0	0	211	37
P	T	36.000	4,423	0	0	0	4,423	38
P	T	42.000	1,959	0	0	0	1,959	39
P	T	48.000	10,802	0	0	0	10,802	40
P	T	54.000	25,265	0	0	0	25,265	41
Total Outside of Municipality			1,216,624	1,829	2,877	0	1,215,576	
Total Utility			10,305,824	59,843	51,769	0	10,313,898	

WATER SERVICES

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

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)
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NONE

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (a).
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	148,666	0	7,056	(33,370)	108,240	3,067	1
0.750	61,058	0	5,722	(13,902)	41,434	1,533	2
1.000	5,457	0	325	(248)	4,884	266	3
1.250	17	0	0	(6)	11	4	4
1.500	3,451	1,090	384	(1,180)	2,977	787	5
2.000	2,150	552	554	(527)	1,621	547	6
3.000	731	25	0	(157)	599	488	7
4.000	515	10	0	(117)	408	247	8
6.000	263	2	0	(39)	226	226	9
8.000	88	1	0	(22)	67	67	10
10.000	29	0	0	(7)	22	22	11
12.000	6	0	0	0	6	6	12
14.000	0	0	0	0	0	0	13

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)	
16.000	0	0	0	0	0	0	14
Total:	222,431	1,680	14,041	(49,575)	160,495	7,260	

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	90,589	4,518	304	30	0	12,799	108,240	1
0.750	36,161	3,140	323	81	0	1,729	41,434	2
1.000	1,187	3,036	226	334	0	101	4,884	3
1.250	1	8	0	2	0	0	11	4
1.500	129	1,880	256	119	0	593	2,977	5
2.000	22	751	288	166	0	394	1,621	6
3.000	0	244	111	151	0	93	599	7
4.000	0	114	76	101	0	117	408	8
6.000	0	74	62	59	0	31	226	9
8.000	0	0	17	36	0	14	67	10
10.000	0	0	6	14	0	2	22	11
12.000	0	0	0	4	0	2	6	12
14.000	0	0	0	0	0	0	0	13
16.000	0	0	0	0	0	0	0	14
Total:	128,089	13,765	1,669	1,097	0	15,875	160,495	

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	2,670	5	6		2,669	1
Within Municipality	16,924	148	118		16,954	2
Total Fire Hydrants	19,594	153	124	0	19,623	
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: 11,748
 Number of distribution system valves end of year: 46,848
 Number of distribution valves operated during year: 2,081

WATER OPERATING SECTION FOOTNOTES

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

During the PSC audit, for water rate case 3720-WR-104, an auditor (Kathy Butzlaff) discovered that some accounts should be reclassified. This included the accounts for Milwaukee Public Schools (MPS) and Milwaukee Area Technical College (MATC). Therefore, these accounts were reclassified from Commercial (461) to Other Sales to Public Authorities (464).

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

Account 474 - Other Operating Revenues (Reimbursement)

During the PSC audit, for water rate case 3720-WR-104, an auditor (Dan Boyle) discovered that we need to handle administrative fees differently. Rather than record these as revenue, we should handle them the same way as we handle the sewer user treatment reimbursement. That is, a reduction of expenses (Customer Accounts, Meters, Depreciation, and Taxes) and include a return on investment. These fees are charged for the collection of revenue for fund 49 (Street Maintenance) and fund 47 (Solid Waste). We charge each fund an annual charge of \$350,000.

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

COMPARISION OF 2001 AND 2000 DIFFERENCES (15%/\$10,000) -

Operation -

Account 626, Pumping Miscellaneous Expenses, increased by \$13,362 or 42%.
Reason: Heating costs and field supplies.

Account 640, Treatment Supervision, decreased by \$96,991 or 21%.
Reason: Procard and petty cash expenses were shifted to Account 643
(Treatment-Miscellaneous Expenses).

Account 643, Treatment Miscellaneous Expenses, increased by \$145,806 or 33%.
Reason: Heating costs and expenses shifted from Account 640 and 650.

Account 663, T & D Meter Expenses, decreased by \$217,127 or 29%.
Reason: Accessories for Itron and meter supplies.

Account 901, Customer Accounts Supervision, increased by \$48,325 or 264%.
Reason: Transfer of labor charges from PSC 903 (Customer Account Expenses).

Account 902, Customer Accounts Meter Reading, decreased by \$194,705 or 54%.
Reason: Staff reductions and supplies.

Account 903, Customer Accounts Expenses, decreased by \$133,760 or 20%.
Reason: Combination of labor charges transferred to PSC 901 and the cost of
system upgrades.

Account 921, A & G Office Expenses, increased by \$25,051 or 22%.
Reason: Procard charges.

Account 925, A & G Injuries and Damages, decreased by \$67,399 or 15%.
Reason: Attorney fees for cryptosporidium lawsuits.

Account 926, A & G Pension and Benefits, decreased by \$565,933 or 17%.
Reason: Reduced billings for health insurance and pension.

Account 928, A & G Regulatory Expenses, increased by \$120,325 or 69,431%.
Reason: PSC fees for rate cases 3720-WQ-100 and 3720-WR-104.

Account 930, A & G Miscellaneous Expenses, decreased by \$99,679 or 77%.
Reason: Safety program and seminars.

Account 931, A & G Rent Expense, increased by \$123,467 or 144%.
Reason: Rent was allocated to various accounts for part of the year in 2000.

Maintenance -

Account 631, Pumping Structures, decreased by \$116,998 or 23%.
Reason: Staff time shifted to Account 651 (Treatment Structures).

Account 633, Pumping Equipment, increased by \$64,775 or 21%.
Reason: Repair parts.

WATER OPERATING SECTION FOOTNOTES

Account 650, Treatment Supervision, decreased by \$49,111 or 31%.
Reason: Procard and petty cash shifted to PSC 643 (Treatment-Miscellaneous).

Account 651, Treatment Structures, increased by \$357,067 or 64%.
Reason: Painting and roofing projects. Also, the shift of staff time from PSC 651 (Treatment Structures).

Account 652, Treatment Equipment, increased by \$178,835 or 15%.
Reason: Repair parts.

Account 672, T & D Reservoirs, decreased by \$130,505 or 74%.
Reason: Painting of Menomonee Valley water tank.

Account 676, T & D Meter Expenses, decreased by \$56,224 or 31%.
Reason: Repair parts due to Automatic Meter Reading.

Account 677, T & D Hydrant Expenses, increased by \$132,128 or 24%.
Reason: Repair parts and alterations.

Account 678, T & D Miscellaneous Plant, increased by \$56,422 or 47%.
Reason: Repair parts and the hauling and disposal of spoils.

Account 932, A & D General Plant, increased by \$12,587 or 91%.
Reason: Water Engineering relocation to the 4th floor.

WATER OPERATING SECTION FOOTNOTES

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

In the 2000 Analytical Review (letter dated 8/29/01), the following comments were made about the Property Tax Equivalent (PTE): "It appears from our records that Milwaukee is located in Milwaukee County and Washington County. On page W-7, PTE is only calculated for Milwaukee County. In the future, please calculate PTE for Washington County, or explain in a schedule note why PTE is not calculated for Washington County."

Please note that the Milwaukee Water Works does not own any water main or other assets on the land located in Washington County (Plat OWC) or in Waukesha County (Plat 181W). Therefore, the PTE is only calculated for Milwaukee County.

Also, the software should be upgraded to include the hundred millions digit.

Note that following lines should read as follows:

Line 22 - 469,201,131

Line 24 - 471,381,449

Line 26 - 409,773,114

Line 28 - 382,605,157

WATER OPERATING SECTION FOOTNOTES

Water Utility Plant in Service (Page W-08)

The software for this schedule should be upgraded for PSC 346. It should be divided into 346.1 (Meters) and 346.2 (Meters-Communication Equipment).

PLANT IN SERVICE (\$100,000) -**Account 343 - Mains**

Additional and replacement water mains

Add \$7,401,118 and retire \$600,079

Account 346.1 - Meters

Additional and replacement water meters

Add \$518,814 and retire \$559,368

Account 346.2 - Meters (Communication Equipment)

Automatic Meter Reading Equipment (ERT and RTR)

Add \$269,628

Account 348 - Hydrants

Additional and replacement fire hydrants

Add \$447,668 and retire \$123,693

Account 391.1 - Computer Equipment

Add: Computers \$99,230

Interactive Voice Recognition \$85,577

Software upgrades \$16,515

Various other equipment \$56,417

Retire: Computer Network System \$117,645

Software \$230,065

Various other equipment \$5,993

Account 392 - Transportation Equipment

Add: Pickup Trucks \$46,066

Blazers \$43,098

Dumps \$75,872

Step Van \$41,719

Car \$13,328

Retire: Car \$6,715

Trucks \$131,329

Dumps \$196,308

Van \$16,802

Account 396 - Power Equipment

Add: Drilling rig with air compressor \$ 107,358

Retire: Backhoes \$143,169

Drilling Rig \$60,053

Account 397 - SCADA Equipment

Add: Water Demand Monitoring System \$ 334,124

Breakdown of 346 - Meters

WATER OPERATING SECTION FOOTNOTES

Account 346.1 - Meters

1/1/01 Balance	\$9,343,016
Add	518,814
Retire	559,368
12/31/01	\$9,302,462

Account 346.2 - Meters-Communication Equipment (AMR)

1/1/01	\$21,800,849
Add	268,627
12/31/01	\$22,070,476

WATER OPERATING SECTION FOOTNOTES

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

The software for this schedule should be upgraded for PSC 346. It should be divided into PSC 346.1 (Meters) and 346.2 (Meters-Communication Equipment).

Account 325 (Pumping Equipment) in service prior to 2000 became fully depreciated as an asset group during 1999. No further depreciation will be taken on this equipment. Additions during 1999 and thereafter will be depreciated as a separate group within Account 325.

Account 397 (Communication Equipment) will no longer have two groups within Account 397. The last of the 1981 and prior years group communication equipment, that was fully depreciated, was retired in 2001.

Breakdown of 346 - Meters

Account 346.1 - Meters

1/1/01 Balance	\$3,158,880
Accrual	364,519
Retired	559,368
Salvage	44,435
12/31/01 Balance	\$3,008,466

Account 346.2 - Meters Communication Equipment (AMR)

1/1/01 Balance	\$4,564,203
Accrual	2,193,566
12/31/01 Balance	\$6,757,769

Pumping and Purchased Water Statistics (Page W-12)

Pumping & Power Equipment (Page W-15)

The software for this schedule should be upgraded to accept a horsepower (HP) that is over 200 without a warning message. Most of our pumps are over 200HP.

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-17)

Financing of water main additions -

A large portion of main additions in column (e) were replacements of existing mains - also note retirements in column (f). These are financed from earnings. Other financed additions (CIAC) were as follows:

Deferred assessments was \$26,915. Instead of interest, the current assessment rate was charged on these deferred assessments.

Federal grant total was \$92,439. This grant (GR31084000) was administrated through the Department of City Development.

Financing by land developers totaled \$467,393. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30, 1962, and ordinance 679, File 63-225-a, approved March 5, 1964.

Assessments in the City of Milwaukee were \$75,240. The basis of assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

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

Meters (Page W-19)

The adjustment of meters is due to a combination of clerical error in recording inventory activity and personnel changes over a number of years. The system of accounting for inventory has been reengineered and we will not have these adjustment discrepancies in the future.

The number of meters tested during the year will continue to decrease because of the phasing in of the Automatic Meter Reading project.

The residential class is reporting 22 meters at the 2" size. This is because of the large mansions that were built along Lake Michigan in the 1930's and 1940's.

WATER OPERATING SECTION FOOTNOTES

Hydrants and Distribution System Valves (Page W-20)

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