



3014 (02-09-04)

ANNUAL REPORT

OF

Name: CITY OF MERRILL WATER UTILITY

Principal Office: 1004 EAST FIRST STREET
MERRILL, WI 54452

For the Year Ended: DECEMBER 31, 1997

**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: CITY OF MERRILL WATER UTILITY

Utility Address: 1004 EAST FIRST STREET
MERRILL, WI 54452

When was utility organized?

Report any change in name:

Effective Date:

Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: MR CHARLES H PIEROTTI

Title: CITY ENGINEER

Office Address:

1004 EAST FIRST STREET
MERRILL, WI 54452

Telephone: (715) 536 - 5594

Fax Number: (715) 539 - 2668

E-mail Address: cp1997@ci.merrill.wi.us

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

Name: MR BRUCE M REDLIN

Title: FINANCE DIRECTOR

Office Address: THE CITY OF MERRILL

1004 EAST FIRST STREET
MERRILL, WI 54452

Telephone: (715) 536 - 5594

Fax Number: (715) 539 - 2668

E-mail Address: rodeo@ci.merrill.wi.us

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

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

Name: MR BILL MILLER

Title: AUDITOR

Office Address: COHEN AND ASSOCIATES

2831 POST ROAD
P.O. BOX 130
PLOVER, WI 54467

Telephone: (715) 344 - 9791

Fax Number: (715) 344 - 9400

E-mail Address: cohen@coredcs.com

Date of most recent audit report: 3/30/1998

Period covered by most recent audit: 1997

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: MR CHARLES H PIEROTTI

Title: CITY ENGINEER

Office Address:

1004 EAST FIRST STREET
MERRILL, WI 54452

Telephone: (715) 536 - 5594

Fax Number: (715) 539 - 2668

E-mail Address: CP1997@CI.MERRILL.WI.US

Name of utility commission/committee: WATER AND SEWAGE COMMITTEE

Names of members of utility commission/committee:

- MR ROGER ENGLISH, COMMITTEEPERSON
- MR FLOYD KORPI, COMMITTEEPERSON
- MR ROBERT MONTI, CHAIRMAN

Is sewer service rendered by the utility? YES

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance:

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

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

Firm Name: N/A

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

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

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	879,171	943,349	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	374,634	340,009	2
Depreciation Expense (403)	127,896	96,471	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	162,614	157,517	5
Total Operating Expenses	665,144	593,997	
Net Operating Income	214,027	349,352	
Income from Utility Plant Leased to Others (412-413)	0		6
Utility Operating Income	214,027	349,352	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	9,916	26,076	7
Income from Nonutility Operations (417)	0		8
Nonoperating Rental Income (418)	0		9
Interest and Dividend Income (419)	4,079	11,566	10
Miscellaneous Nonoperating Income (421)	555	1,030	11
Total Other Income	14,550	38,672	
Total Income	228,577	388,024	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0		12
Other Income Deductions (426)	0		13
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	228,577	388,024	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	0		14
Amortization of Debt Discount and Expense (428)	2,218	2,990	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	39,473	35,586	17
Other Interest Expense (431)	0		18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	41,691	38,576	
Net Income	186,886	349,448	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	2,604,715	3,594,329	20
Balance Transferred from Income (433)	186,886	349,448	21
Miscellaneous Credits to Surplus (434)	692,210		22
Miscellaneous Debits to Surplus--Debit (435)	58,240	1,339,062	23
Appropriations of Surplus--Debit (436)	0		24
Appropriations of Income to Municipal Funds--Debit (439)	0		25
Total Unappropriated Earned Surplus End of Year (216)	3,425,571	2,604,715	

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):		
FROM OPERATING FUNDS	1,047	5
FROM SPECIAL ASSESSMENTS	3,032	6
Total (Acct. 419):	4,079	
Miscellaneous Nonoperating Income (421):		
MISC	555	7
Total (Acct. 421):	555	
Miscellaneous Amortization (425):		
NONE		8
Total (Acct. 425):	0	
Other Income Deductions (426):		
NONE		9
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		
TRANSFER OF RESIDUAL EQUITY FROM SEWER UTILITY PER COUNCIL	692,210	10
Total (Acct. 434):	692,210	
Miscellaneous Debits to Surplus (435):		
REFLECT 1996 ACCRUING OF 5TH QUARTER OF PUBLIC FIRE PROTECTION	58,240	11
Total (Acct. 435)--Debit:	58,240	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		12
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		13
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)	13,745				13,745	1
Costs & Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll	2,797				2,797	3
Materials	663				663	4
Taxes					0	5
Other (list by major classes):						
TRANSPORTATION	369				369	6
Total costs and expenses	3,829	0	0	0	3,829	
Net income (or loss)	9,916	0	0	0	9,916	

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	879,171	0	0	0	879,171	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	879,171	0	0	0	879,171	

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	145,873		145,873	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	2,797		2,797	6
Other nonutility expenses			0	7
Water utility plant accounts	1,398		1,398	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	150,068	0	150,068	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	7,822,176	6,965,739	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	1,624,011	1,510,233	2
Net Utility Plant	6,198,165	5,455,506	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	0	0	
Investment in Municipality (123)	0		5
Other Investments (124)	16,079	22,734	6
Special Funds (125)	0		7
Total Other Property and Investments	16,079	22,734	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)		(821,536)	8
Temporary Cash Investments (132)		100,000	9
Notes Receivable (141)	0		10
Customer Accounts Receivable (142)	156,216	209,968	11
Other Accounts Receivable (143)	2,496	157,263	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	13
Receivables from Municipality (145)	370,090	195,005	14
Materials and Supplies (150)	14,203	28,320	15
Prepayments (165)	0		16
Other Current and Accrued Assets (170)			17
Total Current and Accrued Assets	543,005	(130,980)	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	10,296	12,514	18
Extraordinary Property Losses (182)	0		19
Other Deferred Debits (183)	0		20
Total Deferred Debits	10,296	12,514	
Total Assets and Other Debits	6,767,545	5,359,774	

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)	414,118	252,559	21
Appropriated Earned Surplus (215)			22
Unappropriated Earned Surplus (216)	3,425,571	2,604,715	23
Total Proprietary Capital	3,839,689	2,857,274	
LONG-TERM DEBT			
Bonds (221)			24
Advances from Municipality (223)	945,000	745,000	25
Other Long-Term Debt (224)	0		26
Total Long-Term Debt	945,000	745,000	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0		27
Accounts Payable (232)	211,530	25,120	28
Payables to Municipality (233)	5,846	101,414	29
Customer Deposits (235)		946	30
Taxes Accrued (236)	0	0	31
Interest Accrued (237)	4,494	16,716	32
Other Current and Accrued Liabilities (238)	2,103	2,402	33
Total Current and Accrued Liabilities	223,973	146,598	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0		34
Customer Advances for Construction (252)			35
Other Deferred Credits (253)	0		36
Total Deferred Credits	0	0	
OPERATING RESERVES			
Property Insurance Reserve (261)			37
Injuries and Damages Reserve (262)			38
Pensions and Benefits Reserve (263)			39
Miscellaneous Operating Reserves (265)			40
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	1,758,883	1,610,902	41
Total Liabilities and Other Credits	6,767,545	5,359,774	

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)	7,411,558	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)	410,618				7
Utility Plant Acquisition Adjustments (108)					8
Other Utility Plant Adjustments (109)					9
Total Utility Plant	7,822,176	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	1,624,011	0	0	0	10
Total Accumulated Provision	1,624,011	0	0	0	
Net Utility Plant	6,198,165	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

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	1,510,233				1,510,233	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	127,896				127,896	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	9,988				9,988	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage	1,005				1,005	10
Other credits (specify):						11
					0	12
Total credits	138,889	0	0	0	138,889	13
Debits during year						14
Book cost of plant retired	25,111				25,111	15
Cost of removal					0	16
Other debits (specify):						17
					0	18
Total debits	25,111	0	0	0	25,111	19
Balance End of Year	1,624,011	0	0	0	1,624,011	20
Composite Depreciation Rate?	Yes					21
If yes, what is the rate?	1.92%					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):				0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)				0	3
Net Nonutility Property	0	0	0	0	

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

Particulars (a)	Amount (b)
Balance first of year	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 for generation					0	1
Other					0	2
Total Electric Utility					0	0

Account	Total End of Year	Amount Prior Year
Electric utility total	0	0
Water utility	14,203	28,320
Sewer utility		
Gas utility		
Merchandise		
Other materials & supplies		
Total Materials and Supplies	14,203	28,320

**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)				
GO NOTES	2,218	428	10,296	1
Total			10,296	
Unamortized premium on debt (251)				
NONE				2
Total			0	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

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

Particulars (a)	Amount (b)	
Balance first of year	252,559	1
Changes during year (explain):		
FOR EXPANSION FINANCED BY THE CITY'S TIF	161,559	2
Balance end of year	414,118	

BONDS (ACCT. 221)

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

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)
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NONE

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

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

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances (223)					
GENERAL OBLIGATION BOND	06/01/1995	06/01/2000	5.00%	570,000	1
GENERAL OBLIGATION BOND	11/12/1997	01/02/2001	5.00%	275,000	2
GENERAL OBLIGATION BOND	11/01/1991	11/01/1999	6.00%	100,000	3
Total for Account 223				945,000	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	162,614	2
Charged electric department expense		3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	<u>162,614</u>	
Taxes paid during year:		
County, state and local taxes	149,504	6
Social Security taxes	11,399	7
PSC Remainder Assessment	1,711	8
Other (explain):		
NONE		9
Total payments and other debits	<u>162,614</u>	
Balance end of year	<u><u>0</u></u>	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
NONE				0	1
Subtotal	0	0	0	0	
Advances from Municipality (223)					
11/91 GO BONDS	975	5,725	5,725	975	2
5/94 GO NOTES	0	645	645	0	3
6/95 GO NOTES	15,741	31,833	45,325	2,249	4
12/97 GO NOTE		1,270		1,270	5
Subtotal	16,716	39,473	51,695	4,494	
Other Long-Term Debt (224)					
NONE				0	6
Subtotal	0	0	0	0	
Notes Payable (231)					
NONE				0	7
Subtotal	0	0	0	0	
Total	16,716	39,473	51,695	4,494	

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	1,610,902					1,610,902	1
Add credits during year:							
For Services	22,151					22,151	2
For Mains	125,830					125,830	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	1,758,883	0	0	0	0	1,758,883	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	181,299					181,299	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):		
SPECIAL ASSESSMENTS	16,079	2
Total (Acct. 124):	16,079	
Special Funds (125):		
NONE		3
Total (Acct. 125):	0	
Notes Receivable (141):		
NONE		4
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	156,216	5
Electric		6
Sewer (Regulated)		7
Other (specify):		
NONE		8
Total (Acct. 142):	156,216	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		9
Merchandising, jobbing and contract work	2,496	10
Other (specify):		
NONE		11
Total (Acct. 143):	2,496	
Receivables from Municipality (145):		
OPERATING EXPENSES PAID FOR SEWER UTILITY	370,090	12
Total (Acct. 145):	370,090	
Prepayments (165):		
NONE		13
Total (Acct. 165):	0	
Extraordinary Property Losses (182):		
NONE		14
Total (Acct. 182):	0	
Other Deferred Debits (183):		
NONE		15
Total (Acct. 183):	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)	
Payables to Municipality (233):		
OPERATING COSTS PAID FOR BY OPERATING FUND	5,846	16
Total (Acct. 233):	5,846	
Other Deferred Credits (253):		
NONE		17
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	7,188,311	0	0	0	7,188,311	1
Materials and Supplies	21,261	0	0	0	21,261	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	1,567,122	0	0	0	1,567,122	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	1,684,892	0	0	0	1,684,892	6
Other (specify):						
NONE					0	7
Average Net Rate Base	3,957,558	0	0	0	3,957,558	
Net Operating Income	214,027	0	0	0	214,027	8
Net Operating Income as a percent of						
Average Net Rate Base	5.41%	N/A	N/A	N/A	5.41%	

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	333,338	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	3,015,143	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	3,348,481	
Net Income		
Net Income	186,886	5
Percent Return on Proprietary Capital	5.58%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

DISTRIBUTION MAINS/SERVICES/HYDRANTS APPROXIMATELY \$465,000.

NEW SERVICE BUILDING CURRENTLY UNDER CONSTRUCTION.

4. Estimated changes in revenues due to rate changes.

5. Obligations incurred or assumed, excluding commercial paper.

NEW DEBT OF \$275,000 FOR CONSTRUCTION OF SERVICE BUILDING

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

IN 1996 REPORTED 5 QUARTERS OF PUBLIC FIRE PROTECTION.

1997 ADJUSTS THIS THROUGH RETAINED EARNINGS IN THE AMOUNT OF \$58,240

FINANCIAL SECTION FOOTNOTES

Identification and Ownership (Page iv)

January 11, 1999

Mr. Charles Pierotti, City Engineer
Merrill Water Utility
1004 East First Street
Merrill, WI 54452-2560

1997 Analytical Review DWCCA-3610-PJL

Dear Mr. Pierotti:

The Public Service Commission (Commission) is in the process of completing an analytical review of your utility's 1997 annual report. The purposes of an analytical review are to detect possible reporting or accounting related errors and to identify significant fluctuations from established trends in reported data not sufficiently explained in the annual report. It is our hope that our review will supply information that will enable us to better provide guidance to your utility regarding proper utility accounting and the preparation of future annual reports. In order to complete this review, we request the following information:

1. During our review we noted that, as the Listing of Edit Check Results indicated, your balance sheet did not balance, the difference being \$223,929. Please explain and provide all related annual report corrections.
2. During our review of the Water Utility Plant In Service schedule on page W-8 we noted that you report \$2,593 in account 327, Hydraulic Pumping Equipment. In our letter of August 4, 1997 concerning our review of your 1996 annual report we indicated that we believed those dollars should be properly reported in account 328, Other Pumping Equipment. You agreed in your response of August 18, 1997. Please adjust your copy of the 1997 report accordingly and follow this procedure in the future.

We appreciate your cooperation in providing the above information. These recommendations are intended to provide accounting assistance and should not be construed as criticisms of utility personnel. If you have any questions, please feel free to contact me at (608) 267-9198. Please respond within 30 days of this letter. If we have no questions regarding your response, you can consider the review closed.

Sincerely,

Peter J. Leege
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

pjl:tlk:W:\COMPL\LEEGE\3610 ar

FINANCIAL SECTION FOOTNOTES

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	857,562	1
Total Sales of Water	857,562	
Other Operating Revenues		
Forfeited Discounts (470)	12,329	2
Miscellaneous Service Revenues (471)	2,488	3
Rents from Water Property (472)	0	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	6,792	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	21,609	
Total Operating Revenues	879,171	
Operation and Maintenance Expenses		
Source of Supply Expenses (600-605)	0	8
Pumping Expenses (620-625)	81,835	9
Water Treatment Expenses (630-635)	56,930	10
Transmission and Distribution Expenses (640-655)	107,402	11
Customer Accounts Expenses (901-904)	33,055	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-935)	95,412	14
Total Operation and Maintenance Expenses	374,634	
Other Operating Expenses		
Depreciation Expense (403)	127,896	15
Amortization Expense (404-407)		16
Taxes (408)	162,614	17
Total Other Operating Expenses	290,510	
Total Operating Expenses	665,144	
NET OPERATING INCOME	214,027	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential	3	31	43	1
Commercial	3	28	208	2
Industrial	1	13	315	3
Total Unmetered Sales to General Customers (460)	7	72	566	
Metered Sales to General Customers (461)				
Residential	3,229	153,505	397,702	4
Commercial	362	60,140	109,090	5
Industrial	62	48,547	62,132	6
Total Metered Sales to General Customers (461)	3,653	262,192	568,924	
Private Fire Protection Service (462)	45		23,706	7
Public Fire Protection Service (463)	1		230,257	8
Other Sales to Public Authorities (464)	54	20,163	34,109	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
Total Sales of Water	3,760	282,427	857,562	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)
------------------------------	----------------------------------	--	-------------------------

NONE

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)	230,257	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify): NONE		4
Total Public Fire Protection Service (463)	230,257	
Forfeited Discounts (470):		
Customer late payment charges		5
Other (specify): FORFEITED DISCOUNTS AND TAX ROLL PENALTIES	12,329	6
Total Forfeited Discounts (470)	12,329	
Miscellaneous Service Revenues (471):		
MISC	2,488	7
Total Miscellaneous Service Revenues (471)	2,488	
Rents from Water Property (472):		
NONE		8
Total Rents from Water Property (472)	0	
Interdepartmental Rents (473):		
NONE		9
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	6,792	10
Other (specify): NONE		11
Total Other Water Revenues (474)	6,792	
Amortization of Construction Grants (475):		
NONE		12
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 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Labor (600)		1
Purchased Water (601)		2
Operation Supplies and Expenses (602)		3
Maintenance of Water Source Plant (605)		4
Total Source of Supply Expenses	0	
 PUMPING EXPENSES		
Operation Labor (620)	13,275	5
Fuel for Power Production (621)		6
Fuel or Power Purchased for Pumping (622)	29,145	7
Operation Supplies and Expenses (623)	272	8
Maintenance of Pumping Plant (625)	39,143	9
Total Pumping Expenses	81,835	
 WATER TREATMENT EXPENSES		
Operation Labor (630)	15,199	10
Chemicals (631)	21,031	11
Operation Supplies and Expenses (632)	3,212	12
Maintenance of Water Treatment Plant (635)	17,488	13
Total Water Treatment Expenses	56,930	
 TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Labor (640)	11,756	14
Operation Supplies and Expenses (641)	3,998	15
Maintenance of Distribution Reservoirs and Standpipes (650)	5,190	16
Maintenance of Mains (651)	38,700	17
Maintenance of Services (652)	18,285	18
Maintenance of Meters (653)	18,388	19
Maintenance of Hydrants (654)	11,012	20
Maintenance of Other Plant (655)	73	21
Total Transmission and Distribution Expenses	107,402	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Meter Reading Labor (901)	3,240	22
Accounting and Collecting Labor (902)	25,028	23
Supplies and Expenses (903)	4,787	24
Uncollectible Accounts (904)		25
Total Customer Accounts Expenses	33,055	
 SALES EXPENSES		
Sales Expenses (910)		26
Total Sales Expenses	0	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	16,034	27
Office Supplies and Expenses (921)	4,941	28
Administrative Expenses Transferred--Credit (922)		29
Outside Services Employed (923)	2,649	30
Property Insurance (924)	5,744	31
Injuries and Damages (925)	2,908	32
Employee Pensions and Benefits (926)	50,712	33
Regulatory Commission Expenses (928)		34
Miscellaneous General Expenses (930)	9,868	35
Transportation Expenses (933)	2,556	36
Maintenance of General Plant (935)		37
Total Administrative and General Expenses	95,412	
 Total Operation and Maintenance Expenses	 374,634	

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		153,007	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		3,503	2
Net property tax equivalent		149,504	
Social Security		11,399	3
PSC Remainder Assessment		1,711	4
Other (specify): NONE			5
Total tax expense		<u>162,614</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 § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Lincoln				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.222936				3
County tax rate	mills		6.601772				4
Local tax rate	mills		9.994153				5
School tax rate	mills		13.633607				6
Voc. school tax rate	mills		1.940696				7
Other tax rate - Local	mills						8
Other tax rate - Non-Local	mills						9
Total tax rate	mills		32.393164				10
Less: state credit	mills		2.186472				11
Net tax rate	mills		30.206692				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		9.994153				14
Combined School Tax Rate	mills		15.574303				15
Other Tax Rate - Local	mills						16
Total Local & School Tax	mills		25.568456				17
Total Tax Rate	mills		32.393164				18
Ratio of Local and School Tax to Total	dec.		0.789316				19
Total tax net of state credit	mills		30.206692				20
Net Local and School Tax Rate	mills		23.842638				21
Utility Plant, Jan. 1	\$	6,965,739	6,965,739				22
Materials & Supplies	\$	28,320	28,320				23
Subtotal	\$	6,994,059	6,994,059				24
Less: Plant Outside Limits	\$	0					25
Taxable Assets	\$	6,994,059	6,994,059				26
Assessment Ratio	dec.		0.917547				27
Assessed Value	\$	6,417,378	6,417,378				28
Net Local & School Rate	mills		23.842638				29
Tax Equiv. Computed for Current Year	\$	153,007	153,007				30
Tax Equivalent per 1994 PSC Report	\$						31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32 33
Tax equiv. for current year (see note 6)	\$	153,007					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 \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 372.1 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)			1
Franchises and Consents (302)			2
Miscellaneous Intangible Plant (303)			3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)			4
Structures and Improvements (311)			5
Collecting and Impounding Reservoirs (312)			6
Lake, River and Other Intakes (313)			7
Wells and Springs (314)	219,572		8
Infiltration Galleries and Tunnels (315)			9
Supply Mains (316)			10
Other Water Source Plant (317)			11
Total Source of Supply Plant	219,572	0	
PUMPING PLANT			
Land and Land Rights (320)	14,856		12
Structures and Improvements (321)	161,022		13
Boiler Plant Equipment (322)			14
Other Power Production Equipment (323)			15
Steam Pumping Equipment (324)			16
Electric Pumping Equipment (325)	89,826		17
Diesel Pumping Equipment (326)			18
Hydraulic Pumping Equipment (327)			19
Other Pumping Equipment (328)	2,593		20
Total Pumping Plant	268,297	0	
WATER TREATMENT PLANT			
Land and Land Rights (330)			21
Structures and Improvements (331)	821		22
Water Treatment Equipment (332)	39,644	223	23
Total Water Treatment Plant	40,465	223	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	885		24
Structures and Improvements (341)	4,251		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)			0	7
Wells and Springs (314)			219,572	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			0	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	219,572	
PUMPING PLANT				
Land and Land Rights (320)			14,856	12
Structures and Improvements (321)			161,022	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			89,826	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			2,593	20
Total Pumping Plant	0	0	268,297	
WATER TREATMENT PLANT				
Land and Land Rights (330)			0	21
Structures and Improvements (331)			821	22
Water Treatment Equipment (332)			39,867	23
Total Water Treatment Plant	0	0	40,688	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			885	24
Structures and Improvements (341)			4,251	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 \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 372.1 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)	334,795		26
Transmission and Distribution Mains (343)	4,478,363	375,663	27
Fire Mains (344)			28
Services (345)	647,291	27,800	29
Meters (346)	320,213	27,219	30
Hydrants (348)	425,083	34,487	31
Other Transmission and Distribution Plant (349)			32
Total Transmission and Distribution Plant	6,210,881	465,169	
GENERAL PLANT			
Land and Land Rights (389)			33
Structures and Improvements (390)	8,384		34
Office Furniture and Equipment (391)	42,810	3,512	35
Computer Equipment (391.1)	3,237		36
Transportation Equipment (392)	105,109		37
Stores Equipment (393)	1,413		38
Tools, Shop and Garage Equipment (394)	32,659	2,700	39
Laboratory Equipment (395)	1,420		40
Power Operated Equipment (396)	20,532		41
Communication Equipment (397)			42
SCADA Equipment (397.1)			43
Miscellaneous Equipment (398)	10,286		44
Other Tangible Property (399)			45
Total General Plant	225,850	6,212	
Total utility plant in service directly assignable	6,965,065	471,604	
Common Utility Plant Allocated to Water Department			46
Total utility plant in service	6,965,065	471,604	

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)			334,795 26
Transmission and Distribution Mains (343)	19,091		4,834,935 27
Fire Mains (344)			0 28
Services (345)	630		674,461 29
Meters (346)	1,810		345,622 30
Hydrants (348)	480		459,090 31
Other Transmission and Distribution Plant (349)			0 32
Total Transmission and Distribution Plant	22,011	0	6,654,039
GENERAL PLANT			
Land and Land Rights (389)			0 33
Structures and Improvements (390)			8,384 34
Office Furniture and Equipment (391)	600		45,722 35
Computer Equipment (391.1)			3,237 36
Transportation Equipment (392)	2,500		102,609 37
Stores Equipment (393)			1,413 38
Tools, Shop and Garage Equipment (394)			35,359 39
Laboratory Equipment (395)			1,420 40
Power Operated Equipment (396)			20,532 41
Communication Equipment (397)			0 42
SCADA Equipment (397.1)			0 43
Miscellaneous Equipment (398)			10,286 44
Other Tangible Property (399)			0 45
Total General Plant	3,100	0	228,962
Total utility plant in service directly assignable	25,111	0	7,411,558
Common Utility Plant Allocated to Water Department			0 46
Total utility plant in service	25,111	0	7,411,558

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January			26,641	26,641	1
February			24,652	24,652	2
March			26,488	26,488	3
April			26,132	26,132	4
May			30,313	30,313	5
June			29,458	29,458	6
July			30,132	30,132	7
August			29,877	29,877	8
September			26,956	26,956	9
October			30,871	30,871	10
November			25,811	25,811	11
December			27,167	27,167	12
Total for year	0	0	334,498	334,498	
Less: Measured or estimated water used in main flushing and water treatment during year				6,217	13
Less: Other utility use					14
Other utility use explanation:					15
Water pumped into distribution system				328,281	16
Less: Water sold				282,427	17
Losses and unaccounted for				45,854	18
Percent unaccounted for to the nearest whole percent (%)				14%	19
If more than 25%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				1,831	21
Date of maximum: 5/13/1997					22
Cause of maximum:					23
FLUSHING OF DISTRIBUTION SYSTEM					
Minimum gallons pumped by all methods in any one day during reporting year				642	24
Date of minimum: 7/17/1997					25
Total KWH used for pumping for the year				419,713	26
If water is purchased: Vendor Name:					27
Point of Delivery:					28

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)	
MEMORIAL AND STURDEVENT	1	116	16	1,827,360	Yes	1
NORTH FOSTER - OTTO'S	2	80	18	800,640	Yes	2
OREGON AND WATER	3	79	16	519,840	Yes	3
EAST MAIN AND PEARL	4	125	16	1,785,600	Yes	4
THIELMANN AND GERR	5	120	20	2,364,480	Yes	5

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes			
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)
NONE				

PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	1	2	3	1
Location	MORIAL AND STURDEVENT	NORTH FOSTER - OTTO'S	OREGON AND WATER	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	LAYNE	LAYNE	LAYNE	5
Year Installed	1948	1948	1948	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,269	556	361	8
Pump Motor or Standby Engine Mfr	U.S.	LAYNE	U.S.	10
Year Installed	1990	1990	1997	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	100	40	25	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	4	5		14
Location	EAST MAIN AND PEARL	THIELMANN AND GERR		15
Purpose	P	P		16
Destination	D	D		17
Pump Manufacturer	LAYNE	LAYNE		18
Year Installed	1960	1975		19
Type	CENTRIFUGAL	CENTRIFUGAL		20
Actual Capacity (gpm)	1,240	1,642		21
Pump Motor or Standby Engine Mfr	U.S.	LAYNE		23
Year Installed	1991	1975		24
Type	ELECTRIC	ELECTRIC		25
Horsepower	100	150		26

RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	A	B		1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	ET		3
Year constructed	1947	1979		4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL		5
Elevation difference in feet (See Headnote 3.)	165	175		6
Total capacity in gallons	200,000	200,000		7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID		9
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE		10
Filters, type (gravity, pressure, other, none)	PRESSURE	PRESSURE		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	1.0000	1.0000		12
Is a corrosion control chemical used (yes, no)?	Y	Y		13
Is water fluoridated (yes, no)?	Y	Y		14

WATER MAINS

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

Number of Feet							
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)
M	D	0.750	924				924
L	D	1.000	75				75
M	D	1.000	1,126				1,126
M	D	1.500	254				254
M	D	2.000	36,106				36,106
M	D	4.000	601				601
M	D	5.000	4,390		846		3,544
M	D	6.000	145,851	2,240	1,505		146,586
M	D	8.000	62,870	2,280			65,150
M	D	10.000	40,368	2,991			43,359
M	D	12.000	50,498	3,568	348		53,718
M	D	16.000	7,826				7,826
Total Within Municipality			350,889	11,079	2,699	0	359,269
Total Utility			350,889	11,079	2,699	0	359,269

WATER SERVICES

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

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	2,527	10	6		2,531	7	1
L	0.750	64				64	64	2
L	1.000	8		3		5	4	3
M	1.000	711	29		8	748	4	4
M	1.250	9				9	9	5
M	1.500	91	1			92		6
M	2.000	71	1			72		7
M	3.000	4				4		8
M	4.000	20	2	1		21		9
M	6.000	11				11		10
M	8.000	7	2			9		11
M	10.000	3				3		12
M	12.000	1				1		13
Total Utility		3,527	45	10	8	3,570	88	

METERS

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

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	3,544	218	112		3,650	397	1
0.750	145	12	2		155	18	2
1.000	93	6	1		98	19	3
1.250	0				0		4
1.500	32	6			38	9	5
2.000	74	8	2		80	33	6
3.000	12				12		7
4.000	2	1			3		8
6.000	2				2		9
Total:	3,904	251	117	0	4,038	476	

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	3,149	209	24	9		259	3,650	1
0.750	61	58	9	8		19	155	2
1.000	13	39	19	7		20	98	3
1.250							0	4
1.500	1	25	4	1		7	38	5
2.000	2	37	13	16		12	80	6
3.000		5	1	3		3	12	7
4.000				2		1	3	8
6.000						2	2	9
Total:	3,226	373	70	46	0	323	4,038	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

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

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality					0	1
Within Municipality	509	18	6		521	2
Total Fire Hydrants	509	18	6	0	521	
Flushing Hydrants						
	2				2	3
Total Flushing Hydrants	2	0	0	0	2	

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

Number of hydrants operated during year: 392
 Number of distribution system valves end of year: 1,799
 Number of distribution valves operated during year: 1,622

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-15)

WATER MAIN EXTENSIONS FOR NEW INSTALLATIONS ARE ASSESSED ON ABUTTING PROPERTY OWNERS BASED ON A COST OF 8" WATER MAIN. THERE IS NO CHARGE FOR THE SECOND SIDE OF THE LOT - THEY PAY ON THE LONGER OF THE TWO SIDES. THERE IS NO CHARGE FOR WATER MAIN REPLACEMENTS.

THERE IS A FIVE YEAR PAYMENT PLAN IN PLACE FOR ALL SPECIAL ASSESSMENTS THAT ARE FROM \$500 TO \$10,000 AND TEN YEARS FOR SPECIAL ASSESSMENTS EXCEEDING \$10,000. INTEREST IS AT HE RATE OF 5.25% PER ANNUM.

Water Services (Page W-16)

LATERALS IN COLUMN H ARE GALVANIZED LATTERALS IN SERVICE OWNED AND MAINTAINED BY PROPERTY OWNERS.

LARGER SERVICES ALSO INCLUDE PRIVATE FIRE PROTECTION LATERALS.

THE ADJUSTMENT OF PLUS 8, 1" LATERALS IS DUE TO RECOUNT FOR CONSTRUCTION IN 1995.

INSTALLATION OF WATER LATERAL FROM MAIN TO CURB ASSESSED ON A CITY-WIDE BASIS, 735 FEET FOR .75, 750 FEET FOR 1", 885 FEET FOR 1.5", 1000 FEET FOR 2".

ONCE THE LATERAL IS INSTALLED IT IS MAINTAINED TO GUTTER, PROPERTY OWNER MAINTAINS FROM THE GUTTER TO THE HOUSE.
