



3013 (02-09-04)

ANNUAL REPORT

OF

Name: CITY OF ASHLAND WATER UTILITY

Principal Office: 601 MAIN STREET WEST
ASHLAND, WI 54806

For the Year Ended: DECEMBER 31, 1999

**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: CITY OF ASHLAND WATER UTILITY

Utility Address: 601 MAIN STREET WEST
ASHLAND, WI 54806

When was utility organized? 1/1/1936

Report any change in name:

Effective Date:

Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: BRIAN D. KNAPP

Title: FINANCE DIRECTOR

Office Address:

601 MAIN STREET WEST
ASHLAND, WI 54806

Telephone: (715) 682 - 7190

Fax Number: (715) 682 - 7048

E-mail Address: bknapp@coawi.org

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

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

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

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

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

IDENTIFICATION AND OWNERSHIP

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

Name: NONE

Title:

Office Address:

Telephone:

Fax Number:

E-mail Address:

Date of most recent audit report: 3/9/2000

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

Names and titles of utility management including manager or superintendent:

Name: CRAIG D. NORDGREN

Title: UTILITY SUPERINTENDENT

Office Address:

601 MAIN STREET WEST
ASHLAND, WI 54806

Telephone: (715) 682 - 7194

Fax Number: (715) 682 - 7193

E-mail Address: cnordgre@coawi.org

Name of utility commission/committee: COMMON COUNCIL - COMMITTEE OF THE WHOLE

Names of members of utility commission/committee:

RODNEY MAIWALD, COUNCIL/COMMITTEE PRESIDENT

Is sewer service rendered by the utility? NO

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

Date of Ordinance:

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

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:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	1,114,313	1,120,309	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	777,699	700,723	2
Depreciation Expense (403)	123,493	89,403	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	153,370	154,645	5
Total Operating Expenses	1,054,562	944,771	
Net Operating Income	59,751	175,538	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	59,751	175,538	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	(1,102)	9
Interest and Dividend Income (419)	5,922	23,011	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	5,922	21,909	
Total Income	65,673	197,447	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	65,673	197,447	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	132,655	21,821	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)	27,336	54,450	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	153,710	0	19
Total Interest Charges	6,281	76,271	
Net Income	59,392	121,176	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	1,892,023	1,761,996	20
Balance Transferred from Income (433)	59,392	121,176	21
Miscellaneous Credits to Surplus (434)	0	1,799	22
Miscellaneous Debits to Surplus--Debit (435)	0	16,149	23
Appropriations of Surplus--Debit (436)	0	(23,201)	24
Appropriations of Income to Municipal Funds--Debit (439)	18,637	0	25
Total Unappropriated Earned Surplus End of Year (216)	1,932,778	1,892,023	

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	0	1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE	0	2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
NONE	0	3
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
NONE	0	4
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
POOLED CASH INTEREST ALLOCATED TO WATER	(268)	5
INTEREST ON SEGREGATED DEPOSITS	6,190	6
Total (Acct. 419):	5,922	
Miscellaneous Nonoperating Income (421):		
NONE	0	7
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE	0	8
Total (Acct. 425):	0	
Other Income Deductions (426):		
NONE	0	9
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		
NONE	0	10
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
NONE	0	11
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215	0	12
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
PUBLIC FIRE CHARGES BILLED BUT NOT PAID BY CITY	18,637	13
Total (Acct. 439)--Debit:	18,637	

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

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

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	1,114,313	0	0	0	1,114,313	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:						
.					0	6
Revenues subject to Wisconsin Remainder Assessment	1,114,313	0	0	0	1,114,313	

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	316,448	541	316,989	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses	7,324	32	7,356	5
Merchandising and jobbing			0	6
Other nonutility expenses			0	7
Water utility plant accounts	3,024	59	3,083	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	632	(632)	0	18
All other accounts			0	19
Total Payroll	327,428	0	327,428	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	10,515,402	7,869,306	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	1,509,352	1,410,396	2
Net Utility Plant	9,006,050	6,458,910	
Utility Plant Acquisition Adjustments (117-118)	0	0	3
Other Utility Plant Adjustments (119)	0	0	4
Total Net Utility Plant	9,006,050	6,458,910	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	0	8
Special Funds (125-128)	0	0	9
Total Other Property and Investments	0	0	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	24,158	125,321	10
Special Deposits (132-134)	147,437	0	11
Working Funds (135)	0	334	12
Temporary Cash Investments (136)	92,194	70,169	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	61,469	56,782	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)	35,989	35,512	19
Prepayments (165)	0	0	20
Interest and Dividends Receivable (171)	(26)	594	21
Accrued Utility Revenues (173)	0	0	22
Miscellaneous Current and Accrued Assets (174)	0	0	23
Total Current and Accrued Assets	361,221	288,712	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	0	0	24
Other Deferred Debits (182-186)	324,677	362,789	25
Total Deferred Debits	324,677	362,789	
Total Assets and Other Debits	9,691,948	7,110,411	

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)	615,056	264,691	26
Appropriated Earned Surplus (215)		0	27
Unappropriated Earned Surplus (216)	1,932,778	1,892,023	28
Total Proprietary Capital	2,547,834	2,156,714	
LONG-TERM DEBT			
Bonds (221-222)	4,092,678	358,455	29
Advances from Municipality (223)	330,037	731,278	30
Other Long-Term Debt (224)	0	0	31
Total Long-Term Debt	4,422,715	1,089,733	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	32
Accounts Payable (232)	149,277	141,575	33
Payables to Municipality (233)	0	1,526,524	34
Customer Deposits (235)	0	0	35
Taxes Accrued (236)	134,300	134,300	36
Interest Accrued (237)	77,911	16,159	37
Matured Long-Term Debt (239)	0	0	38
Matured Interest (240)	0	0	39
Tax Collections Payable (241)	0	0	40
Miscellaneous Current and Accrued Liabilities (242)	92,721	71,157	41
Total Current and Accrued Liabilities	454,209	1,889,715	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)	0	0	43
Other Deferred Credits (253)	0	0	44
Total Deferred Credits	0	0	
OPERATING RESERVES			
Property Insurance Reserve (261)	0	0	45
Injuries and Damages Reserve (262)	0	0	46
Pensions and Benefits Reserve (263)	0	0	47
Miscellaneous Operating Reserves (265)	0	0	48
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	2,267,190	1,974,249	49
Total Liabilities and Other Credits	9,691,948	7,110,411	

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)	10,429,832	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)	85,570				7
Total Utility Plant	10,515,402	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	1,509,352	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	1,509,352	0	0	0	
Net Utility Plant	9,006,050	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	1,410,396				1,410,396	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	123,493				123,493	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	6,039				6,039	6
Accruals charged other						7
accounts (specify):						8
Other Water/Sewer Common Plant	5,130				5,130	9
Salvage	2,385				2,385	10
Other credits (specify):						11
					0	12
Total credits	137,047	0	0	0	137,047	13
Debits during year						14
Book cost of plant retired	37,327				37,327	15
Cost of removal	764				764	16
Other debits (specify):						17
					0	18
Total debits	38,091	0	0	0	38,091	19
Balance End of Year	1,509,352	0	0	0	1,509,352	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
NONE	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	

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

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

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)	35,989	35,512	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	35,989	35,512	

**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	264,691	1
Changes during year (explain):		
TIF #8 WATER MAIN EXTENSION/LOOP	129,923	2
ELKS DEVELOPMENT PHASE I WATER MAIN EXTENSION	220,442	3
Balance end of year	615,056	

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)	
\$425M M&I Mtg Rev Bond	08/15/1996	08/16/2006	5.88%	322,178	1
\$4.35MM USDA RD MTG REV BOND	02/03/1999	08/15/2038	4.50%	3,770,500	2
Total Bonds (Account 221):				4,092,678	
Total Recquired Bonds (Account 222)				0	3

Net amount of bonds outstanding December 31: 4,092,678

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)					
12/98 \$512M G.O. BAN	12/30/1998	06/30/2000	5.13%	150,000	1
6/92 \$95.6M G.O. Trust Fund Loan	06/30/1992	03/15/2002	5.20%	33,452	2
8/94 \$132M G.O. Trust Fund Loan	08/03/1994	03/15/2004	4.50%	74,019	3
10/93 \$144.5M G.O. Trust Fund Loan	10/20/1993	03/15/2002	4.50%	72,566	4
Total for Account 223				330,037	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	134,300	1
Accruals:		
Charged water department expense	134,300	2
Charged electric department expense		3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	<u>134,300</u>	
Taxes paid during year:		
County, state and local taxes	134,300	6
Social Security taxes		7
PSC Remainder Assessment		8
Other (explain):		
NONE		9
Total payments and other debits	<u>134,300</u>	
Balance end of year	<u><u>134,300</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)					
8/96 425M M&I MRB - Ground Water Invest.	7,961	19,758	20,541	7,178	1
2/99 \$4.35MM USDA RD MRB - WATER DIST SPLIT		112,897	56,530	56,367	2
Subtotal	7,961	132,655	77,071	63,545	
Advances from Municipality (223)					
NONE	0			0	3
6/92 \$95.6M G.O. Trust Fund Loan	1,821	1,863	2,284	1,400	4
10/93 \$144.5M G.O. Trust Fund Loan	3,186	3,414	3,996	2,604	5
8/94 \$132M G.O. trust Fund Loan	3,119	3,449	3,914	2,654	6
12/98 \$512M M&I G.O. Water Dist. Sys / S.O.S. BAN	72	10,986	3,350	7,708	7
1998 CONSTRUCTION ADVANCES FROM GENERAL FUND	0	7,624	7,624	0	8
Subtotal	8,198	27,336	21,168	14,366	
Other Long-Term Debt (224)					
NONE	0			0	9
Subtotal	0	0	0	0	
Notes Payable (231)					
NONE	0			0	10
Subtotal	0	0	0	0	
Total	16,159	159,991	98,239	77,911	

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	1,974,249	0	0	0	0	1,974,249	1
Add credits during year:							
For Services	8,800					8,800	2
For Mains	284,141					284,141	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	2,267,190	0	0	0	0	2,267,190	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	72,029					72,029	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	0	1
Total (Acct. 123):	0	
Other Investments (124):		
NONE	0	2
Total (Acct. 124):	0	
Sinking Funds (125):		
NONE	0	3
Total (Acct. 125):	0	
Depreciation Fund (126):		
NONE	0	4
Total (Acct. 126):	0	
Other Special Funds (128):		
NONE	0	5
Total (Acct. 128):	0	
Interest Special Deposits (132):		
NONE	0	6
Total (Acct. 132):	0	
Other Special Deposits (134):		
DEBT SERVICE RESERVE	123,433	7
RD BOND RESERVE FUND	24,004	8
Total (Acct. 134):	147,437	
Notes Receivable (141):		
NONE		9
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	60,820	10
Electric	0	11
Sewer (Regulated)	0	12
Other (specify):		
MISC. BILLINGS A/R	649	13
Total (Acct. 142):	61,469	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	0	14
Merchandising, jobbing and contract work	0	15
Other (specify):		

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)
Other Accounts Receivable (143):		
NONE	0	16
Total (Acct. 143):	0	
Receivables from Municipality (145):		
NONE	0	17
Total (Acct. 145):	0	
Prepayments (165):		
NONE	0	18
Total (Acct. 165):	0	
Extraordinary Property Losses (182):		
NONE	0	19
Total (Acct. 182):	0	
Preliminary Survey and Investigation Charges (183):		
GROUND WATER INVESTIGATION EXPENSES (10 YEAR AMORTIZATION 1998=YR1)	305,196	20
SURFACE WATER INVESTIGATION - PILOT PLANT & ENGINEERING	19,481	21
Total (Acct. 183):	324,677	
Clearing Accounts (184):		
NONE	0	22
Total (Acct. 184):	0	
Temporary Facilities (185):		
NONE	0	23
Total (Acct. 185):	0	
Miscellaneous Deferred Debits (186):		
NONE	0	24
Total (Acct. 186):	0	
Payables to Municipality (233):		
NONE	0	25
Total (Acct. 233):	0	
Other Deferred Credits (253):		
NONE	0	26
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	8,076,002	0	0	0	8,076,002	1
Materials and Supplies	35,750	0	0	0	35,750	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	1,459,874	0	0	0	1,459,874	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	2,120,719	0	0	0	2,120,719	6
Other (specify):						
NONE					0	7
Average Net Rate Base	4,531,159	0	0	0	4,531,159	
Net Operating Income	59,751	0	0	0	59,751	8
Net Operating Income as a percent of Average Net Rate Base						
	1.32%	N/A	N/A	N/A	1.32%	

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	439,873	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	1,912,400	3
Other (Specify):		
NONE	0	4
Total Average Proprietary Capital	2,352,273	
Net Income		
Net Income	59,392	5
 Percent Return on Proprietary Capital	 2.52%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

In 1999 the Distribution System Split project separating the system into two pressure zones was substantially completed and placed into service. The utility can now have the ability to deliver acceptable pressures to all points within the city limits and has a second major connection between the east and west ends of the system. The project was financed with a \$4.35 million Mortgage Revenue Bond from USDA Rural Development. It will be fully completed and closed out in 2000.

The utility's consultants are currently putting the finishing touches on bid specs for the new microfiltration treatment plant and highlift station to replace the current slow-sand filters and pump house. This project is expected to cost ~\$3,000,000 and will be funded with a Safe Drinking Water Loan and a CDBG Grant. Construction is expected to begin in early summer 2000.

The utility will need a significant rate increase in 2000 to pay for these improvements. A rate increase application will be filed shortly.

2. Leaseholder changes.

3. Extensions of service.

As part of the Distribution System Split and installing the 2nd east/west connection the Utility extended more than 15,000' of 16" main through currently undeveloped property within the City Limits. The City also extended water service to a new 56 lot housing development created around the Elks golf course and to the TIF #8 expansion of the Industrial Park.

4. Estimated changes in revenues due to rate changes.

There were no rate changes in 1999.

5. Obligations incurred or assumed, excluding commercial paper.

The Utility closed on a \$4,350,000 MRB with USDA-RD on February 3, 1999. The bond carries an interest rate of 4.5% and matures in 40 years.

6. Formal proceedings with the Public Service Commission.

There were no formal proceedings with the PSC in 1999.

7. Any additional matters.

In May 1999 the city hired Craig Nordgren as a Utility Superintendent to oversee the daily operations of the Water and Wastewater utilities. Craig's time and benefits are allocated equally between the two functions.

FINANCIAL SECTION FOOTNOTES

Net Utility Plant (Page F-07)

CWIP for the Distribution System split was cleared in 1999. The current balance represents expenditures to date for the Micro-filtration treatment plant sceduled for construction in 2000.

FINANCIAL SECTION FOOTNOTES

Identification and Ownership - Contacts (Page iv)

June 9, 2000

Mr. Brian D. Knapp, Finance Director
Ashland Water Utility
601 Main Street West
Ashland, WI 54806-1537

1999 Analytical Review DWCCA-250-ELE

Dear Mr. Knapp:

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

During our review, we noted your footnote to the Water Services schedule that indicates 56 1" services were installed and were financed with special assessments. However, only \$8,800 is reported for services contributions in Account 271, Contributions in Aid of Construction and this appears to be for the 3 1" services added this year and the 8 additional services added in previous years, as indicated in the Water Services footnote. Please explain why the special assessments for the 56 1" services are not reported in Account 271.

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

Sincerely,

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

ELE:tlk:w:\compl\Analytical Reviews\1999 analytical review letters\250.doc

cc: Mr. Rodney Maiwald, Committee President

Per fax from Brian of 6/13/00: services assessments, and other plant, were included in the amount reported as "mains" in a/c 271. ele

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	1,094,126	1
Total Sales of Water	1,094,126	
Other Operating Revenues		
Forfeited Discounts (470)	4,711	2
Miscellaneous Service Revenues (471)	1,356	3
Rents from Water Property (472)	0	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	14,120	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	20,187	
Total Operating Revenues	1,114,313	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	2,470	8
Pumping Expenses (620-633)	227,777	9
Water Treatment Expenses (640-652)	101,721	10
Transmission and Distribution Expenses (660-678)	79,772	11
Customer Accounts Expenses (901-905)	72,537	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	293,422	14
Total Operation and Maintenance Expenses	777,699	
Other Operating Expenses		
Depreciation Expense (403)	123,493	15
Amortization Expense (404-407)		16
Taxes (408)	153,370	17
Total Other Operating Expenses	276,863	
Total Operating Expenses	1,054,562	
NET OPERATING INCOME	59,751	

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				1
Commercial	5	437	1,046	2
Industrial				3
Total Unmetered Sales to General Customers (460)	5	437	1,046	
Metered Sales to General Customers (461)				
Residential	2,470	110,986	470,057	4
Commercial	410	102,001	265,309	5
Industrial	15	6,961	17,274	6
Total Metered Sales to General Customers (461)	2,895	219,948	752,640	
Private Fire Protection Service (462)	37		21,559	7
Public Fire Protection Service (463)	1		295,674	8
Other Sales to Public Authorities (464)	32	7,564	23,207	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
 Total Sales of Water	2,970	227,949	1,094,126	

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	0		1
Total		<u>0</u>	<u>0</u>

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
 3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	295,674	1
Wholesale fire protection billed	0	2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)	0	3
Other (specify):		
NONE	0	4
Total Public Fire Protection Service (463)	295,674	
Forfeited Discounts (470):		
Customer late payment charges	4,711	5
Other (specify):		
NONE	0	6
Total Forfeited Discounts (470)	4,711	
Miscellaneous Service Revenues (471):		
HYDRANT USE CHARGES, MISC MATERIALS SALES (NET)	1,356	7
Total Miscellaneous Service Revenues (471)	1,356	
Rents from Water Property (472):		
NONE	0	8
Total Rents from Water Property (472)	0	
Interdepartmental Rents (473):		
NONE	0	9
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	10,334	10
Other (specify):		
RETURN ON GENERAL/COMMON STRUCTURES & EQUIP	3,786	11
Total Other Water Revenues (474)	14,120	
Amortization of Construction Grants (475):		
NONE	0	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 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)	0	1
Operation Labor and Expenses (601)	0	2
Purchased Water (602)	0	3
Miscellaneous Expenses (603)	0	4
Rents (604)	0	5
Maintenance Supervision and Engineering (610)	0	6
Maintenance of Structures and Improvements (611)	0	7
Maintenance of Collecting and Impounding Reservoirs (612)	0	8
Maintenance of Lake, River and Other Intakes (613)	2,470	9
Maintenance of Wells and Springs (614)	0	10
Maintenance of Infiltration Galleries and Tunnels (615)	0	11
Maintenance of Supply Mains (616)	0	12
Maintenance of Miscellaneous Water Source Plant (617)	0	13
Total Source of Supply Expenses	2,470	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)	17,109	14
Fuel for Power Production (621)	0	15
Power Production Labor and Expenses (622)	0	16
Fuel or Power Purchased for Pumping (623)	33,128	17
Pumping Labor and Expenses (624)	94,125	18
Expenses Transferred--Credit (625)	0	19
Miscellaneous Expenses (626)	77,380	20
Rents (627)	0	21
Maintenance Supervision and Engineering (630)	0	22
Maintenance of Structures and Improvements (631)	3,747	23
Maintenance of Power Production Equipment (632)	0	24
Maintenance of Pumping Equipment (633)	2,288	25
Total Pumping Expenses	227,777	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	6,918	26
Chemicals (641)	33,194	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)	56,414	28
Miscellaneous Expenses (643)	0	29
Rents (644)	0	30
Maintenance Supervision and Engineering (650)	0	31
Maintenance of Structures and Improvements (651)	4,423	32
Maintenance of Water Treatment Equipment (652)	772	33
Total Water Treatment Expenses	101,721	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	3,346	34
Storage Facilities Expenses (661)	1,541	35
Transmission and Distribution Lines Expenses (662)	39,020	36
Meter Expenses (663)	625	37
Customer Installations Expenses (664)	0	38
Miscellaneous Expenses (665)	959	39
Rents (666)	0	40
Maintenance Supervision and Engineering (670)	0	41
Maintenance of Structures and Improvements (671)	719	42
Maintenance of Distribution Reservoirs and Standpipes (672)	0	43
Maintenance of Transmission and Distribution Mains (673)	28,059	44
Maintenance of Fire Mains (674)	0	45
Maintenance of Services (675)	3,185	46
Maintenance of Meters (676)	1,109	47
Maintenance of Hydrants (677)	838	48
Maintenance of Miscellaneous Plant (678)	371	49
Total Transmission and Distribution Expenses	79,772	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	7,884	50
Meter Reading Labor (902)	20,058	51
Customer Records and Collection Expenses (903)	25,557	52
Uncollectible Accounts (904)	0	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)	19,038	54
Total Customer Accounts Expenses	72,537	
 SALES EXPENSES		
Sales Expenses (910)	0	55
Total Sales Expenses	0	
 ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	77,748	56
Office Supplies and Expenses (921)	498	57
Administrative Expenses Transferred--Credit (922)	0	58
Outside Services Employed (923)	41,752	59
Property Insurance (924)	2,377	60
Injuries and Damages (925)	19,317	61
Employee Pensions and Benefits (926)	143,522	62
Regulatory Commission Expenses (928)	0	63
Duplicate Charges--Credit (929)	0	64
Miscellaneous General Expenses (930)	7,342	65
Rents (931)	866	66
Maintenance of General Plant (932)	0	67
Total Administrative and General Expenses	293,422	
 Total Operation and Maintenance Expenses	 777,699	

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		134,300	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department	METERS & COMMON FACILITIES & COMPUTER SW: 50/50 WITH WASTEWATER	6,154	2
Net property tax equivalent		128,146	
Social Security	FICA ON JOINT METER READING, METER EXPENSES & MISC CUST SERVICE EXP	23,888	3
PSC Remainder Assessment		1,336	4
Other (specify): NONE			5
Total tax expense		153,370	

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			Ashland				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.195100				3
County tax rate	mills		6.268200				4
Local tax rate	mills		8.110600				5
School tax rate	mills		9.629100				6
Voc. school tax rate	mills		1.406100				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		25.609100				10
Less: state credit	mills		1.730200				11
Net tax rate	mills		23.878900				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		8.110600				14
Combined School Tax Rate	mills		11.035200				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		19.145800				17
Total Tax Rate	mills		25.609100				18
Ratio of Local and School Tax to Total	dec.		0.747617				19
Total tax net of state credit	mills		23.878900				20
Net Local and School Tax Rate	mills		17.852273				21
Utility Plant, Jan. 1	\$	7,869,306	7,869,306				22
Materials & Supplies	\$	35,512	35,512				23
Subtotal	\$	7,904,818	7,904,818				24
Less: Plant Outside Limits	\$	0	0				25
Taxable Assets	\$	7,904,818	7,904,818				26
Assessment Ratio	dec.		1.025300				27
Assessed Value	\$	8,104,810	8,104,810				28
Net Local & School Rate	mills		17.852273				29
Tax Equiv. Computed for Current Year	\$	144,689	144,689				30
Tax Equivalent per 1994 PSC Report	\$	134,300					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$	134,300					32 33
Tax equiv. for current year (see note 6)	\$	134,300					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)	554		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	554	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)	23,821		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	23,821	0	
PUMPING PLANT			
Land and Land Rights (320)	5,712		12
Structures and Improvements (321)	121,591	371,796	13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0	77,940	15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	69,067	148,469	17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	19,996		20
Total Pumping Plant	216,366	598,205	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	4,103		22
Water Treatment Equipment (332)	89,974	6,605	23
Total Water Treatment Plant	94,077	6,605	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	2,025	22,319	24
Structures and Improvements (341)	11,427		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)			554	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	554	
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)			23,821	7
Wells and Springs (314)			0	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			0	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	23,821	
PUMPING PLANT				
Land and Land Rights (320)			5,712	12
Structures and Improvements (321)			493,387	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			77,940	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)			217,536	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			19,996	20
Total Pumping Plant	0	0	814,571	
WATER TREATMENT PLANT				
Land and Land Rights (330)			0	21
Structures and Improvements (331)			4,103	22
Water Treatment Equipment (332)			96,579	23
Total Water Treatment Plant	0	0	100,682	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			24,344	24
Structures and Improvements (341)			11,427	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)	219,963	754,379	26
Transmission and Distribution Mains (343)	2,849,638	2,866,091	27
Fire Mains (344)	0		28
Services (345)	1,063,844	151,870	29
Meters (346)	378,195	20,631	30
Hydrants (348)	524,673	251,426	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	5,049,765	4,066,716	
GENERAL PLANT			
Land and Land Rights (389)	0		33
Structures and Improvements (390)	82,770	220	34
Office Furniture and Equipment (391)	18,189		35
Computer Equipment (391.1)	48,284		36
Transportation Equipment (392)	80,834		37
Stores Equipment (393)	0		38
Tools, Shop and Garage Equipment (394)	44,431		39
Laboratory Equipment (395)	5,798		40
Power Operated Equipment (396)	50,991		41
Communication Equipment (397)	6,293		42
SCADA Equipment (397.1)	0	73,240	43
Miscellaneous Equipment (398)	0		44
Other Tangible Property (399)	0		45
Total General Plant	337,590	73,460	
Total utility plant in service directly assignable	5,722,173	4,744,986	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	5,722,173	4,744,986	

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)			974,342 26
Transmission and Distribution Mains (343)	16,929		5,698,800 27
Fire Mains (344)			0 28
Services (345)	7,713		1,208,001 29
Meters (346)	4,788		394,038 30
Hydrants (348)	7,897		768,202 31
Other Transmission and Distribution Plant (349)			0 32
Total Transmission and Distribution Plant	37,327	0	9,079,154
GENERAL PLANT			
Land and Land Rights (389)			0 33
Structures and Improvements (390)			82,990 34
Office Furniture and Equipment (391)			18,189 35
Computer Equipment (391.1)			48,284 36
Transportation Equipment (392)			80,834 37
Stores Equipment (393)			0 38
Tools, Shop and Garage Equipment (394)			44,431 39
Laboratory Equipment (395)			5,798 40
Power Operated Equipment (396)			50,991 41
Communication Equipment (397)			6,293 42
SCADA Equipment (397.1)			73,240 43
Miscellaneous Equipment (398)			0 44
Other Tangible Property (399)			0 45
Total General Plant	0	0	411,050
Total utility plant in service directly assignable	37,327	0	10,429,832
Common Utility Plant Allocated to Water Department			0 46
Total utility plant in service	37,327	0	10,429,832

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	0.00%		1
Collecting and Impounding Reservoirs (312)	0			2
Lake, River and Other Intakes (313)	24,659	1.25%	298	3
Wells and Springs (314)	0	2.63%		4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0	1.00%		6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	24,659		298	
PUMPING PLANT				
Structures and Improvements (321)	154,572	2.67%	8,210	8
Boiler Plant Equipment (322)	0	0.00%		9
Other Power Production Equipment (323)	0	4.00%	1,559	10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	67,841	3.33%	4,772	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	16,159	3.33%	666	15
Total Pumping Plant	238,572		15,207	
WATER TREATMENT PLANT				
Structures and Improvements (331)	4,691	2.40%	98	16
Water Treatment Equipment (332)	115,582	3.36%	3,245	17
Total Water Treatment Plant	120,273		3,343	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	12,647	4.00%	457	18
Distribution Reservoirs and Standpipes (342)	126,341	2.00%	11,943	19
Transmission and Distribution Mains (343)	318,068	0.77%	33,339	20
Fire Mains (344)	0			21
Services (345)	279,263	2.10%	23,854	22
Meters (346)	103,801	3.00%	11,584	23
Hydrants (348)	46,241	1.33%	8,598	24
Other Transmission and Distribution Plant (349)	0	0.00%		25
Total Transmission and Distribution Plant	886,361		89,775	

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					24,957	3
314					0	4
315					0	5
316					0	6
317					0	7
	0	0	0	0	24,957	
321					162,782	8
322					0	9
323					1,559	10
324					0	11
325					72,613	12
326					0	13
327					0	14
328					16,825	15
	0	0	0	0	253,779	
331					4,789	16
332					118,827	17
	0	0	0	0	123,616	
341					13,104	18
342					138,284	19
343	16,929				334,478	20
344					0	21
345	7,713		137		295,541	22
346	4,788		353		110,950	23
348	7,897	764	185		46,363	24
349					0	25
	37,327	764	675	0	938,720	

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)	2,301	2.78%	2,304	26
Office Furniture and Equipment (391)	12,160	7.69%	1,399	27
Computer Equipment (391.1)	21,710	13.57%	6,552	28
Transportation Equipment (392)	35,795	7.50%	6,063	29
Stores Equipment (393)	0			30
Tools, Shop and Garage Equipment (394)	26,314	5.88%	2,613	31
Laboratory Equipment (395)	1,728	6.67%	387	32
Power Operated Equipment (396)	35,689	6.25%	3,187	33
Communication Equipment (397)	4,834	7.69%	484	34
SCADA Equipment (397.1)	0	8.33%	3,050	35
Miscellaneous Equipment (398)	0			36
Other Tangible Property (399)	0			37
Total General Plant	140,531		26,039	
Total accum. prov. directly assignable	1,410,396		134,662	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 1,410,396		 134,662	

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					4,605	26
391					13,559	27
391.1					28,262	28
392			1,710		43,568	29
393					0	30
394					28,927	31
395					2,115	32
396					38,876	33
397					5,318	34
397.1					3,050	35
398					0	36
399					0	37
	0	0	1,710	0	168,280	
	37,327	764	2,385	0	1,509,352	
					0	38
	37,327	764	2,385	0	1,509,352	

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		25,884		25,884	1
February		24,309		24,309	2
March		26,823		26,823	3
April		26,171		26,171	4
May		26,990		26,990	5
June		26,615		26,615	6
July		30,057		30,057	7
August		30,227		30,227	8
September		29,546		29,546	9
October		29,843		29,843	10
November		28,277		28,277	11
December		33,537		33,537	12
Total for year	0	338,279	0	338,279	
Less: Measured or estimated water used in main flushing and water treatment during year				11,086	13
Less: Other utility use				4,942	14
Other utility use explanation:					15
Other accounted for utility use is estimates for losses occurring due to main breaks, fires, and construction.					
Water pumped into distribution system				322,251	16
Less: Water sold				227,949	17
Losses and unaccounted for				94,302	18
Percent unaccounted for to the nearest whole percent (%)				29%	19
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					20
The increase over 1998's 18% is beleived to be metering error. In early winter 1999/2000 the disparity between the daily water pumped and that returned to the WWTP increased dramaticly. A recalibration of the main flow meter corrected the error.					
Maximum gallons pumped by all methods in any one day during reporting year				1,537	21
Date of maximum: 12/28/1999					22
Cause of maximum:					23
Main break.					
Minimum gallons pumped by all methods in any one day during reporting year				725	24
Date of minimum: 7/5/1999					25
Total KWH used for pumping for the year				422,259	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)	
J-WELL (58'4" DIA.)	1	38	1	432,000	No	1

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
LAKE SUPERIOR/CHEQUAMEGOI	1	1,950	23	24	1

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	BINSFIELD GENERATOR	FILTER/LOWLIFT	INTAKE/LOWLIFT	1
Location	SFIELD BOOSTER STATION	INTAKE HOUSE	INTAKE HOUSE	2
Purpose	S	P	P	3
Destination	D	R	T	4
Pump Manufacturer		ALLIS-CHALMERS	FOOD MACHINE CORP.	5
Year Installed	1999	1947	1947	6
Type	OTHER	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)		200	3,500	8
Pump Motor or Standby Engine Mfr	ONAN GENSET/CUMMINS	CENTURY	U.S. MOTORS	9
Year Installed	1999	1947	1947	10
Type	DIESEL	ELECTRIC	ELECTRIC	11
Horsepower	100	5	10	12
				13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 1	PUMP 1B	PUMP 1S	14
Location	PUMPHOUSESFIELD BOOSTER STATION\NBORN BOOSTER STATION			15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	DE LAVAL	ITT AC PUMP	CRANE DEMING (3112-1A)	18
Year Installed	1947	1999	1999	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	840	500	50	21
Pump Motor or Standby Engine Mfr	CROCKER-WHEELER	US MOTORS	CENTURY MOTORS	22
Year Installed	1947	1999	1999	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	50	25	2	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 2	PUMP 2B	PUMP 2S	1
Location	PUMPHOUSESFIELD BOOSTER STATION\BORN BOOSTER STATION			2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	DE LAVAL	ITT AC PUMPCRANE DEMMING (3112-1A)		5
Year Installed	1947	1999	1999	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,260	500	50	8
Pump Motor or Standby Engine Mfr	CROCKER-WHEELER	US MOTORS	CENTURY MOTORS	9 10
Year Installed	1947	1999	1999	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	25	2	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	PUMP 3	PUMP 3B	PUMP 4	14
Location	PUMPHOUSESFIELD BOOSTER STATION			15
Purpose	S	B	B	16
Destination	D	D	D	17
Pump Manufacturer	DE LAVAL	ITT AC PUMP	DE LAVAL	18
Year Installed	1947	1999	1947	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	1,750	500	1,750	21
Pump Motor or Standby Engine Mfr	STERLING	US MOTORS	CROCKER-WHEELER	22 23
Year Installed	1947	1999	1947	24
Type	OTHER	ELECTRIC	ELECTRIC	25
Horsepower	146	25	150	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 5	PUMP 6	PUMP 8	1
Location	PUMPHOUSE	PUMPHOUSE	VALVE BUILDING	2
Purpose	S	B	B	3
Destination	D	D	D	4
Pump Manufacturer	DE LAVAL	DE LAVAL	FIARBANKS-MORSE	5
Year Installed	1947	1947	1947	6
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,750	500	500	8
Pump Motor or Standby Engine Mfr	JOHN DEERE	CROCKER-WHEELER	FIARBANKS-MORSE	9 10
Year Installed	1989	1947	1947	11
Type	DIESEL	ELECTRIC	ELECTRIC	12
Horsepower	131	40	25	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	BEASER TOWER	BINSFIELD STANDPIPE	PUMPHOUSE RESERVOIR	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	S	R	3
Year constructed	1999	1972	1913	4
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	CONCRETE	5
Elevation difference in feet (See Headnote 3.)	140	80	16	6
Total capacity in gallons	500,000	1,376,000	640,000	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.)			3.6200	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)	
L	D	0.625	582	0	0	0	582	1
L	D	0.750	1,210	0	52	0	1,158	2
M	D	0.750	3,227	0	0	0	3,227	3
L	D	1.000	889	0	182	0	707	4
M	D	1.000	7,504	100	628	0	6,976	5
L	D	1.250	185	0	94	0	91	6
M	D	1.250	1,565	0	46	0	1,519	7
M	D	1.500	2,714	0	0	0	2,714	8
M	D	2.000	525	80	0	0	605	9
M	D	4.000	6,153	0	0	0	6,153	10
M	S	4.000	52	0	0	0	52	11
M	D	6.000	114,510	60	4,110	0	110,460	12
M	S	6.000	564	0	0	0	564	13
M	D	8.000	44,571	11,053	6,490	0	49,134	14
M	S	8.000	191	0	0	0	191	15
M	D	10.000	9,989	0	0	0	9,989	16
M	D	12.000	43,056	11,340	66	0	54,330	17
M	D	16.000	8,239	23,595	0	0	31,834	18
M	S	16.000	136	0	0	0	136	19
M	T	20.000	542	0	0	0	542	20
M	S	24.000	2,035	0	0	0	2,035	21
Total Within Municipality			248,439	46,228	11,668	0	282,999	
Total Utility			248,439	46,228	11,668	0	282,999	

WATER SERVICES

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

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	671	0	35	0	636	61	1
M	0.750	1,270	0	51	0	1,219	95	2
L	0.750	117	0	0	0	117	19	3
L	1.000	50	0	2	0	48	2	4
M	1.000	943	154	7	0	1,090	157	5
M	1.250	7	0	0	0	7	2	6
L	1.250	2	0	0	0	2	0	7
L	1.500	2	0	0	0	2	0	8
M	1.500	50	1	1	0	50	4	9
M	2.000	39	1	0	0	40	5	10
M	2.500	1	0	0	0	1	0	11
M	3.000	4	0	0	0	4	0	12
M	4.000	13	0	1	0	12	2	13
M	6.000	4	2	1	0	5	4	14
M	8.000	8	6	0	0	14	9	15
M	12.000		1	0	0	1		16
Total Utility		3,181	165	98	0	3,248	360	

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	2,866	156	150		2,872	236	1
0.750	54	4	2		56	11	2
1.000	74	2	0		76	2	3
1.500	42	0	0		42	2	4
2.000	43	1	0		44	2	5
3.000	24	1	0		25	0	6
4.000	1	0	0	0	1	0	7
Total:	3,104	164	152	0	3,116	253	

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	2,451	249	3	5	102	62	2,872	1
0.750	12	34	2	4	1	3	56	2
1.000	1	57	2	5	8	3	76	3
1.500	0	27	2	5	4	4	42	4
2.000	0	31	5	5	1	2	44	5
3.000	0	12	2	6	0	5	25	6
4.000	0	0	0	1	0	0	1	7
Total:	2,464	410	16	31	116	79	3,116	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

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

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	0				0	1
Within Municipality	404	92	26	1	471	2
Total Fire Hydrants	404	92	26	1	471	
Flushing Hydrants						
	0				0	3
Total Flushing Hydrants	0	0	0	0	0	

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:	875
Number of distribution system valves end of year:	613
Number of distribution valves operated during year:	140

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

A/C #641 - Corrosion Control chemical costs increased due to use of a more expensive, higher concentrate polymer and a full years addition of caustic soda. (Caustic soda addition began in mid-1998)

A/C's #660 & 662 - Costs decreased due to a staff reduction and reallocation

A/C's #902 & 905 - Costs increased due to reorganization of the meter reading / cust service function under the finance department of the city rather than a direct function of the utilitys. During the months of Jan-Sept duplicate costs were incurred due to the transition and training.

A/C #920 - Costs increased due to the vacant position of Water/Sewer Superintendent filled in May 1999. Position was vacant for all of 1997 and 1998.

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

On June 14, 1994 the City Council passed a resolution setting the Property Tax Equivalent at \$134,300. This amount was in effect for 1994 and is the floor and ceiling until changed by resolution.

Water Utility Plant in Service (Page W-08)

The Distribution System Split was substaintally completed in 1999 and CWIP cleared to U.P.I.S. The significant additiond are expalined in the notes of the plant detail schedules.

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

Accumulated depreciation in excess of Plant in Service is recorded in A/C's 313, 331, 332, and 341.

The excees in 321 and 341 is in error and will be corrected in 2000 before the next AR is submitted.

The excess in 331 and 332 is due to negative net salvage value for these accounts due to the anticipated cost of removal. See Docket 250-DW-101 authorizing depreciation rates and additional depreciation.

Pumping & Power Equipment (Page W-15)

The three booster pumps and standby generator at the Binsfield Booster Station were placed into service in 1999 are part of the distribution system split serving the high preasure system.

The two small pumps at the Sanborn Booster Station are serving a portion of the Elks Development subdivision. The station was constructed in 1999 and is a small vault type setup.

WATER OPERATING SECTION FOOTNOTES

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

Unit A Reservoir: The capacity had been incorrectly reported in previous years as 350,000 gallons.

Unit B: the standpipe elevation had been incorrectly reported in previous years as 180'.

Unit C: This structure is new and was constructed as part of the distribution system split by Chicago Bridge & Iron (CB&I). It was erected in 1998 and painted and charged in mid-summer 1999.

Water Mains (Page W-17)

Main related to the distribution system split project was placed into service in 1999. The project was funded with a \$4.35MM revenue bond from USDA Rural Development. Mains totaled \$2,374,866 and included: 23,595' of 16"DI; 5,633' of 12"DI; 679' of 8"DI.

The Elks Development project (main extension) was constructed in 1999 and financed with:

Capital-Paid-In - \$148,041 for 1,892' of 12"DI; 918' of 8"DI; 60' of 6"DI
Special assessments/CIAC - \$185,726 for 6,534' of 8"DI

The special assessment was levied by the City on a "per lot" basis and include all costs related to the installation of water and sewer utilities, streets and storm sewers. The assessment is to be paid to the City at the earlier of: Building Permit Issue, Sale of Lot, or 10 years. The assessments accrue interest at a rate of 5%.

A water main loop in the TIF #8 addition to the industrial park was financed with TIF Debt (Capital-Paid-In): \$100,218 for 3,815' of 12"DI.

Main related to City street projects was paid for with utility operating funds of \$57,240 for 2,252' of 8"DI.

WATER OPERATING SECTION FOOTNOTES

Water Services (Page W-18)

56 1"CU services were installed in the Elks Development and were financed with City special assessments on the same basis as the main and street improvements.

26 1"CU services were replaced/installed on the main extension to the Elks Development and financed with Capital-Paid-In (CPI) by the City.

6 8"DI services were installed in the TIF #8 industrial park extension and financed with TIF debt/CPI.

3 1"CU services were installed by the utility in 1999 and Cz-1 applied. The utility applied Cz-1 to 8 additional services that had been installed in previous years and connected for the first time in 1999.

44 services were replaced/installed as part of the Split project and financed with a USDA Rural Development MRB: 40 1"CU; 1 1.5"CU; 2 6"DI; 1 12"DI.

30 1"CU services were replaced as part of City Street Projects and financed with utility operating funds.

Meters (Page W-19)

The utility continues to change out manual read meters to Sensus ECR (Touch-Read). We still have about 900 manual meters in service.

Meter testing is performed on meters removed from service and those changed for other reasons. We will be testing all meters >1" in 2000.

Hydrants and Distribution System Valves (Page W-20)

Hydrant additions and retirements due primarily the distribution system split (48 adds, 13 retrd); and the Elks Development extensions (23 adds, 5 retrd). Other additions/retirements related to city street projects and misc. utility change-out/replacements.

Hydrant Adjustment: 1998 additions was short 1 hydrant.

All hydrants are exercised and inspected twice annually.

Contrary to last years note, the utility still did not have a valve turning program in place at year end 1999. The valves turned were turned as a function of construction projects and main repairs. Utility management has again committed to beginning a valve turning program in 2000.
