



3015 (02-09-04)

**ANNUAL REPORT**

OF

Name: ARENA MUNICIPAL WATER UTILITY

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Principal Office: P.O. BOX 131  
ARENA, WI 53503-0131

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For the Year Ended: DECEMBER 31, 1997

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**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:** ARENA MUNICIPAL WATER UTILITY

**Utility Address:** P.O. BOX 131  
ARENA, WI 53503-0131

**When was utility organized?** 12/1/1964

**Report any change in name:**

**Effective Date:**

**Utility Web Site:**

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

**Name:** MS BARB FLANAGAN

**Title:** CLERK-TREASURER

**Office Address:**

P.O. BOX 131  
ARENA, WI 53503-0131

**Telephone:** (608) 753 - 2133

**Fax Number:** (608) 753 - 2297

**E-mail Address:**

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

**Name:** MS MARGARET A KAMLA

**Title:** ACCOUNTANT

**Office Address:** VIRCHOW, KRAUSE & CO., LLP

4600 AMERICAN PARKWAY  
P.O. BOX 7398  
MADISON, WI 53707-7398

**Telephone:** (608) 249 - 6622 EXT 205

**Fax Number:** (608) 249 - 8532

**E-mail Address:** cpa@virchowkrause.com

**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:** VIRCHOW, KRAUSE & CO., LLP

**Title:**

**Office Address:** VIRCHOW, KRAUSE & CO., LLP

4600 AMERICAN PARKWAY  
P.O. BOX 7398  
MADISON, WI 53707-7398

**Telephone:** (608) 249 - 6622

**Fax Number:** (608) 249 - 8532

**E-mail Address:** cpa@virchowkrause.com

**Date of most recent audit report:** 2/23/1998

**Period covered by most recent audit:** 1997

### IDENTIFICATION AND OWNERSHIP

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

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**Name:** MR DALE A JACOBSON  
**Title:** DIRECTOR OF PUBLIC WORKS

**Office Address:**  
P.O. BOX 131  
ARENA, WI 53505-0131

**Telephone:** (608) 753 - 2133  
**Fax Number:** (608) 753 - 2133

**E-mail Address:**

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**Name of utility commission/committee:** Village Board - Arena Municipal Water Utility

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

- GARY AMBLE, TRUSTEE
- LESTER AMBLE, PRESIDENT
- LESTER BAKER, TRUSTEE
- MARTY MATER, TRUSTEE
- JOANN MILLER, TRUSTEE
- SUE PETERSON, TRUSTEE
- RAY PORTER, TRUSTEE

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**Is sewer service rendered by the utility?** NO

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

**Date of Ordinance:**                     

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

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

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**Firm Name:**

**Contact Person:**

**Title:**  
**Telephone:**  
**Fax Number:**

**E-mail Address:**

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**Contract/Agreement beginning-ending dates:**

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

**INCOME STATEMENT**

Particulars (a)	This Year (b)	Last Year (c)	
<b>UTILITY OPERATING INCOME</b>			
Operating Revenues (400)	62,220	59,400	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401)	42,564	33,818	2
Depreciation Expense (403)	5,028	4,271	3
Amortization Expense (404)	0		4
Taxes (408)	5,567	5,534	5
<b>Total Operating Expenses</b>	<b>53,159</b>	<b>43,623</b>	
<b>Net Operating Income</b>	<b>9,061</b>	<b>15,777</b>	
Income from Utility Plant Leased to Others (412-413)	0		6
<b>Utility Operating Income</b>	<b>9,061</b>	<b>15,777</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	0		7
Nonoperating Rental Income (418)	0		8
Interest and Dividend Income (419)	404	58	9
Miscellaneous Nonoperating Income (421)	0		10
<b>Total Other Income</b>	<b>404</b>	<b>58</b>	
<b>Total Income</b>	<b>9,465</b>	<b>15,835</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	0		11
Other Income Deductions (426)	0		12
<b>Total Miscellaneous Income Deductions</b>	<b>0</b>	<b>0</b>	
<b>Income Before Interest Charges</b>	<b>9,465</b>	<b>15,835</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	1,377	1,886	13
Amortization of Debt Discount and Expense (428)		66	14
Amortization of Premium on Debt--Cr. (429)			15
Interest on Debt to Municipality (430)	0		16
Other Interest Expense (431)	0		17
Interest Charged to Construction--Cr. (432)			18
<b>Total Interest Charges</b>	<b>1,377</b>	<b>1,952</b>	
<b>Net Income</b>	<b>8,088</b>	<b>13,883</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	13,369	(38,497)	19
Balance Transferred from Income (433)	8,088	13,883	20
Miscellaneous Credits to Surplus (434)	0	38,130	21
Miscellaneous Debits to Surplus--Debit (435)	0	147	22
Appropriations of Surplus--Debit (436)	0		23
Appropriations of Income to Municipal Funds--Debit (439)	0		24
<b>Total Unappropriated Earned Surplus End of Year (216)</b>	<b>21,457</b>	<b>13,369</b>	

### INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.  
 2. Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.

Description of Item (a)	Amount (b)	
<b>Revenues from Utility Plant Leased to Others (412):</b>		
NONE		1
<b>Total (Acct. 412):</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>		
NONE		2
<b>Total (Acct. 413):</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>		
NONE		3
<b>Total (Acct. 418):</b>	<b>0</b>	
<b>Interest and Dividend Income (419):</b>		
Interest earned on investments	404	4
<b>Total (Acct. 419):</b>	<b>404</b>	
<b>Miscellaneous Nonoperating Income (421):</b>		
NONE		5
<b>Total (Acct. 421):</b>	<b>0</b>	
<b>Miscellaneous Amortization (425):</b>		
NONE		6
<b>Total (Acct. 425):</b>	<b>0</b>	
<b>Other Income Deductions (426):</b>		
NONE		7
<b>Total (Acct. 426):</b>	<b>0</b>	
<b>Miscellaneous Credits to Surplus (434):</b>		
NONE		8
<b>Total (Acct. 434):</b>	<b>0</b>	
<b>Miscellaneous Debits to Surplus (435):</b>		
NONE		9
<b>Total (Acct. 435)--Debit:</b>	<b>0</b>	
<b>Appropriations of Surplus (436):</b>		
Detail appropriations to (from) account 215		10
<b>Total (Acct. 436)--Debit:</b>	<b>0</b>	
<b>Appropriations of Income to Municipal Funds (439):</b>		
NONE		11
<b>Total (Acct. 439)--Debit:</b>	<b>0</b>	

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

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)					0	1
<b>Costs and Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold					0	2
Payroll					0	3
Materials					0	4
Taxes					0	5
<b>Other (list by major classes):</b>					0	6
<b>Total costs and expenses</b>	0	0	0	0	0	
<b>Net income (or loss)</b>	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	62,220	0	0	0	62,220	1
Less: interdepartmental sales	0		0		0	2
Less: interdepartmental rents					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
<b>Other Increases or (Decreases) to Operating Revenues - Specify:</b>						
.					0	6
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>62,220</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62,220</b>	

**BALANCE SHEET**

<b>Assets and Other Debits (a)</b>	<b>Balance End of Year (b)</b>	<b>Balance First of Year (c)</b>	
<b>UTILITY PLANT</b>			
Utility Plant (100)	341,702	233,771	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	83,591	78,465	2
<b>Net Utility Plant</b>	<b>258,111</b>	<b>155,306</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
<b>Net Nonutility Property</b>	<b>0</b>	<b>0</b>	
Investment in Municipality (123)	0		5
Other Investments (124)	0		6
Special Funds (125)	364	537	7
<b>Total Other Property and Investments</b>	<b>364</b>	<b>537</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash and Working Funds (131)	36,785	13,500	8
Temporary Cash Investments (132)			9
Notes Receivable (141)	0		10
Customer Accounts Receivable (142)	9,896	8,001	11
Other Accounts Receivable (143)	0	1,387	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	13
Receivables from Municipality (145)	39,372	18,263	14
Materials and Supplies (150)	865	865	15
Prepayments (165)	0		16
Other Current and Accrued Assets (170)			17
<b>Total Current and Accrued Assets</b>	<b>86,918</b>	<b>42,016</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	0		18
Extraordinary Property Losses (182)	0		19
Other Deferred Debits (183)	0		20
<b>Total Deferred Debits</b>	<b>0</b>	<b>0</b>	
<b>Total Assets and Other Debits</b>	<b>345,393</b>	<b>197,859</b>	

### BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>PROPRIETARY CAPITAL</b>			
Capital Paid in by Municipality (200)	0	0	21
Appropriated Earned Surplus (215)			22
Unappropriated Earned Surplus (216)	21,457	13,369	23
<b>Total Proprietary Capital</b>	<b>21,457</b>	<b>13,369</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221)		6,000	24
Advances from Municipality (223)	0		25
Other long-Term Debt (224)	19,433	21,256	26
<b>Total Long-Term Debt</b>	<b>19,433</b>	<b>27,256</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0		27
Accounts Payable (232)	8,442	1,141	28
Payables to Municipality (233)	60,177	28,233	29
Customer Deposits (235)			30
Taxes Accrued (236)	4,898	4,898	31
Interest Accrued (237)	677	884	32
Other Current and Accrued Liabilities (238)			33
<b>Total Current and Accrued Liabilities</b>	<b>74,194</b>	<b>35,156</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0		34
Customer Advances for Construction (252)			35
Other Deferred Credits (253)	0		36
<b>Total Deferred Credits</b>	<b>0</b>	<b>0</b>	
<b>OPERATING RESERVES</b>			
Miscellaneous Operating Reserves (265)			37
<b>Total Operating Reserves</b>	<b>0</b>	<b>0</b>	
<b>CONTRIBUTIONS IN AID OF CONSTRUCTION</b>			
Contributions in Aid of Construction (271)	230,309	122,078	38
<b>Total Liabilities and Other Credits</b>	<b>345,393</b>	<b>197,859</b>	

### NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
<b>Plant Accounts:</b>					
Utility Plant in Service (100)	341,702	0	0	0	1
Utility Plant Purchased or Sold (391)					2
Utility Plant in Process of Reclassification (392)					3
Utility Plant Leased to Others (393)					4
Property Held for Future Use (394)					5
Construction Work in Progress (395)					6
Utility Plant Acquisition Adjustments (396)					7
Other Utility Plant Adjustments (397)					8
<b>Total Utility Plant</b>	341,702	0	0	0	
<b>Accumulated Provision for Depreciation and Amortization:</b>					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	83,591	0	0	0	9
<b>Total Accumulated Provision</b>	83,591	0	0	0	
<b>Net Utility Plant</b>	258,111	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)	
<b>Balance first of year</b>	78,465				<b>78,465</b>	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged depreciation expense (403)	5,028				<b>5,028</b>	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	398				<b>398</b>	6
Accruals charged other						7
accounts (specify):						8
					<b>0</b>	9
Salvage					<b>0</b>	10
Other credits (specify):						11
					<b>0</b>	12
<b>Total credits</b>	<b>5,426</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,426</b>	13
<b>Debits during year</b>						14
Book cost of plant retired	300				<b>300</b>	15
Cost of removal					<b>0</b>	16
Other debits (specify):						17
					<b>0</b>	18
<b>Total debits</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	19
<b>Balance End of Year</b>	<b>83,591</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,591</b>	20
<b>Composite Depreciation Rate?</b>	No					21
If yes, what is the rate?						22

**NET NONUTILITY PROPERTY (ACCTS. 121 & 122)**

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

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
<b>Other (specify):</b>				0	2
<b>Total Nonutility Property (121)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Less accum. prov. depr. & amort. (122)				0	3
<b>Net Nonutility Property</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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

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

### MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)
<b>Electric Utility</b>						
Fuel for generation					0	1
Other					0	2
<b>Total Electric Utility</b>					0	0

Account	Total End of Year	Amount Prior Year
Electric utility total	0	0
Water utility	865	865
Sewer utility		
Gas utility		
Merchandise		
Other materials & supplies		
<b>Total Materials and Supplies</b>	<b>865</b>	<b>865</b>

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

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

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
<hr/>				
Unamortized debt discount & expense (181)				1
<b>Total</b>			<u>0</u>	
Unamortized premium on debt (251)				2
<hr/>				
<b>Total</b>			<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	1
<b>Changes during year (explain):</b>	2
<b>Balance end of year</b>	<b>0</b>

**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.

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<b>Description of Issue (a)</b>	<b>Date of Issue (b)</b>	<b>Final Maturity Date (c)</b>	<b>Interest Rate (d)</b>	<b>Principal Amount End of Year (e)</b>
-------------------------------------	------------------------------	------------------------------------	------------------------------	---

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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)	
<b>Other Long-Term Debt (224)</b>					
1995 Promissory Notes	06/01/1995	06/01/2005	6.00%	19,433	1
<b>Total for Account 224</b>				<b>19,433</b>	

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	4,898	1
<b>Accruals:</b>		
Charged water department expense	5,567	2
Charged electric department expense		3
Charged sewer department expense	141	4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<u>5,708</u>	
<b>Taxes paid during year:</b>		
County, state and local taxes		6
Social Security taxes	680	7
PSC Remainder Assessment	130	8
<b>Other (explain):</b>		
Reclassified to Account 233	4,898	9
<b>Total payments and other debits</b>	<u>5,708</u>	
<b>Balance end of year</b>	<u><u>4,898</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)	
<b>Bonds (221)</b>					
Mortgage Revenue Bonds	142	142	284	0	1
<b>Subtotal</b>	<b>142</b>	<b>142</b>	<b>284</b>	<b>0</b>	
<b>Advances from Municipality (223)</b>					
NONE				0	2
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Other long-Term Debt (224)</b>					
Promissory Note	742	1,235	1,300	677	3
<b>Subtotal</b>	<b>742</b>	<b>1,235</b>	<b>1,300</b>	<b>677</b>	
<b>Notes Payable (231)</b>					
NONE				0	4
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>884</b>	<b>1,377</b>	<b>1,584</b>	<b>677</b>	

**CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)**

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	122,078					<b>122,078</b>	1
<b>Add credits during year:</b>							
For Services	13,700					<b>13,700</b>	2
For Mains	83,831					<b>83,831</b>	3
<b>Other (specify):</b>							
Hydrants	10,700					<b>10,700</b>	4
<b>Deduct charges (specify):</b>							
NONE						<b>0</b>	5
<b>Balance End of Year</b>	<b>230,309</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230,309</b>	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						<b>0</b>	6

### BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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

Particulars (a)	Balance End of Year (b)	
<b>Investment in Municipality (123):</b>		
NONE		1
<b>Total (Acct. 123):</b>	<b>0</b>	
<b>Other Investments (124):</b>		
NONE		2
<b>Total (Acct. 124):</b>	<b>0</b>	
<b>Special Funds (125):</b>		
Bond and Interest Account	364	3
<b>Total (Acct. 125):</b>	<b>364</b>	
<b>Notes Receivable (141):</b>		
NONE		4
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	9,896	5
Electric		6
Sewer (Regulated)		7
<b>Other (specify):</b>		
NONE		8
<b>Total (Acct. 142):</b>	<b>9,896</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		9
Merchandising, jobbing and contract work		10
<b>Other (specify):</b>		
NONE		11
<b>Total (Acct. 143):</b>	<b>0</b>	
<b>Receivables from Municipality (145):</b>		
Receivable from sewer utility	3,887	12
1997 Public fire protection	18,324	13
1996 Public Fire Protection	16,311	14
Delinquent bills on tax roll	585	15
Engineering costs	265	16
<b>Total (Acct. 145):</b>	<b>39,372</b>	
<b>Prepayments (165):</b>		
NONE		17
<b>Total (Acct. 165):</b>	<b>0</b>	

### BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

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

Particulars (a)		Balance End of Year (b)
<b>Extraordinary Property Losses (182):</b>		
NONE		18
<b>Total (Acct. 182):</b>		<b>0</b>
<b>Other Deferred Debits (183):</b>		
NONE		19
<b>Total (Acct. 183):</b>		<b>0</b>
<b>Payables to Municipality (233):</b>		
Payable to Sewer	10,764	20
1997 & 1996 tax equivalents	9,796	21
Balance from 1996		22
1997 & 1996 Wages and expenses paid by the municipality	33,474	23
Bond Payment	6,143	24
<b>Total (Acct. 233):</b>	<b>60,177</b>	
<b>Other Deferred Credits (253):</b>		
NONE		25
<b>Total (Acct. 253):</b>		<b>0</b>

### RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
<b>Add Average:</b>						
Utility Plant in Service	287,736	0	0	0	<b>287,736</b>	<b>1</b>
Materials and Supplies	865	0	0	0	<b>865</b>	<b>2</b>
<b>Other (specify):</b>					<b>0</b>	<b>3</b>
<b>Less Average:</b>						
Reserve for Depreciation	81,028	0	0	0	<b>81,028</b>	<b>4</b>
Customer Advances for Construction					<b>0</b>	<b>5</b>
Contributions in Aid of Construction	176,193	0	0	0	<b>176,193</b>	<b>6</b>
<b>Other (specify):</b>					<b>0</b>	<b>7</b>
<b>Average Net Rate Base</b>	<b>31,380</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,380</b>	
Net Operating Income	9,061	0	0	0	<b>9,061</b>	<b>8</b>
<b>Net Operating Income as a percent of Average Net Rate Base</b>	<b>28.88%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>28.88%</b>	

### RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.  
 2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
<b>Average Proprietary Capital</b>		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	17,413	3
<b>Other (Specify):</b>		4
<b>Total Average Proprietary Capital</b>	<b>17,413</b>	
<b>Net Income</b>		
Net Income	8,088	5
<b>Percent Return on Proprietary Capital</b>	<b>46.45%</b>	

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## IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

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**1. Acquisitions.**

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**2. Leaseholder changes.**

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**3. Extensions of service.**

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

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

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

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**7. Any additional matters.**

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**FINANCIAL SECTION FOOTNOTES**

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**Identification and Ownership (Page iv)**

August 4, 1998

Ms. Barb Flanagan, Clerk  
Arena Municipal Water Utility  
P.O. Box 131  
Arena, WI 53503-0131

1997 Analytical Review DWCCA-0220-PJL

Dear Ms. Flanagan:

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. As of today's date our office has not received a response to our letter of August 4, 1997, (copy enclosed) concerning our review of the utility's 1996 annual report. Please provide your response at this time.
2. As instructed in the Pumping and Purchased Water Statistics schedule on page W-10, please indicate the causes and explain what actions have been taken to reduce water losses.

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:mlo:W:\COMPL\LEEGE\0220 ar

Enclosure

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**WATER OPERATING REVENUES & EXPENSES**

Particulars (a)	Amounts (b)	
<b>Operating Revenues</b>		
<b>Sales of Water</b>		
Sales of Water (460-467)	61,821	1
<b>Total Sales of Water</b>	<b>61,821</b>	
<b>Other Operating Revenues</b>		
Forfeited Discounts (470)	0	2
Other Water Revenues (474)	399	3
Amortization of Construction Grants (475)	0	4
<b>Total Other Operating Revenues</b>	<b>399</b>	
<b>Total Operating Revenues</b>	<b>62,220</b>	
<b>Operation and Maintenance Expenses</b>		
Plant Operation and Maintenance Expenses (600-660)	19,715	5
General Operating Expenses (680-690)	22,849	6
<b>Total Operation and Maintenance Expenses</b>	<b>42,564</b>	
<b>Other Operating Expenses</b>		
Depreciation Expense (403)	5,028	7
Amortization Expense (404)		8
Taxes (408)	5,567	9
<b>Total Other Operating Expenses</b>	<b>10,595</b>	
<b>Total Operating Expenses</b>	<b>53,159</b>	
<b>NET OPERATING INCOME</b>	<b>9,061</b>	

**WATER OPERATING REVENUES - SALES OF WATER**

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

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial				2
Industrial				3
<b>Total Unmetered Sales to General Customers (460)</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Metered Sales to General Customers (461)				
Residential	220	9,943	31,258	4
Commercial	10	979	3,559	5
Industrial	1	5,861	6,350	6
<b>Total Metered Sales to General Customers (461)</b>	<b>231</b>	<b>16,783</b>	<b>41,167</b>	
Private Fire Protection Service (462)				7
Public Fire Protection Service (463)	1		18,324	8
Other Sales to Public Authorities (464)	10	506	2,330	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
<b>Total Sales of Water</b>	<b>242</b>	<b>17,289</b>	<b>61,821</b>	

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

Use a separate line for each delivery point.

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

### OTHER OPERATING REVENUES (WATER)

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

Particulars (a)	Amount (b)	
<b>Public Fire Protection Service (463):</b>		
Amount billed (usually per rate schedule F-1)	18,324	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
<b>Other (specify):</b>		
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>18,324</b>	
<b>Forfeited Discounts (470):</b>		
Customer late payment charges		5
<b>Other (specify):</b>		
NONE		6
<b>Total Forfeited Discounts (470)</b>	<b>0</b>	
<b>Other Water Revenues (474):</b>		
Return on net investment in meters charged to sewer department	399	7
<b>Other (specify):</b>		
NONE		8
<b>Total Other Water Revenues (474)</b>	<b>399</b>	
<b>Amortization of Construction Grants (475):</b>		
NONE		9
<b>Total Amortization of Construction Grants (475)</b>	<b>0</b>	

## WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 30 percent, but not less than \$2,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
<b>PLANT OPERATION AND MAINTENANCE EXPENSES</b>		
Salaries and Wages (600)	7,181	1
Purchased Water (610)		2
Fuel or Power Purchased for Pumping (620)	1,262	3
Chemicals (630)	2,625	4
Supplies and Expenses (640)	7,536	5
Repairs of Water Plant (650)	1,032	6
Transportation Expenses (660)	79	7
<b>Total Plant Operation and Maintenance Expenses</b>	<b>19,715</b>	
 <b>GENERAL OPERATING EXPENSES</b>		
Administrative and General Salaries (680)	1,609	8
Office Supplies and Expenses (681)	1,140	9
Outside Services Employed (682)	13,327	10
Insurance Expense (684)	2,922	11
Employees Pensions and Benefits (686)	3,665	12
Regulatory Commission Expenses (688)		13
Miscellaneous General Expenses (689)	186	14
Uncollectible Accounts (690)		15
<b>Total General Operating Expenses</b>	<b>22,849</b>	
 <b>Total Operation and Maintenance Expenses</b>	<b>42,564</b>	

**TAXES (ACCT. 408 - WATER)**

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		4,898	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		141	2
<b>Net property tax equivalent</b>		<b>4,757</b>	
Social Security		680	3
PSC Remainder Assessment		130	4
Other (specify): NONE			5
<b>Total tax expense</b>		<b>5,567</b>	

### PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Iowa				1
<b>SUMMARY OF TAX RATES</b>							2
State tax rate	mills		0.243500				3
County tax rate	mills		7.325300				4
Local tax rate	mills		10.147100				5
School tax rate	mills		11.011200				6
Voc. school tax rate	mills		1.809500				7
Other tax rate - Local	mills						8
Other tax rate - Non-Local	mills						9
<b>Total tax rate</b>	mills		<b>30.536600</b>				10
Less: state credit	mills		1.958700				11
<b>Net tax rate</b>	mills		<b>28.577900</b>				12
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							13
<b>Local Tax Rate</b>	mills		<b>10.147100</b>				14
<b>Combined School Tax Rate</b>	mills		<b>12.820700</b>				15
<b>Other Tax Rate - Local</b>	mills						16
<b>Total Local &amp; School Tax</b>	mills		<b>22.967800</b>				17
<b>Total Tax Rate</b>	mills		<b>30.536600</b>				18
<b>Ratio of Local and School Tax to Total</b>	dec.		<b>0.752140</b>				19
<b>Total tax net of state credit</b>	mills		<b>28.577900</b>				20
<b>Net Local and School Tax Rate</b>	mills		<b>21.494583</b>				21
Utility Plant, Jan. 1	\$	233,770	233,770				22
Materials & Supplies	\$	865	865				23
<b>Subtotal</b>	\$	<b>234,635</b>	<b>234,635</b>				24
Less: Plant Outside Limits	\$	200	200				25
<b>Taxable Assets</b>	\$	<b>234,435</b>	<b>234,435</b>				26
Assessment Ratio	dec.		0.820500				27
<b>Assessed Value</b>	\$	<b>192,354</b>	<b>192,354</b>				28
<b>Net Local &amp; School Rate</b>	mills		<b>21.494583</b>				29
<b>Tax Equiv. Computed for Current Year</b>	\$	<b>4,135</b>	<b>4,135</b>				30
Tax Equivalent per 1994 PSC Report	\$	4,898					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32 33
<b>Tax equiv. for current year (see note 6)</b>	\$	<b>4,898</b>					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 \$10,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
<b>INTANGIBLE PLANT</b>			
Organization (301)			1
Franchises and Consents (302)			2
Miscellaneous Intangible Plant (303)			3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>			
Land and Land Rights (310)	277		4
Structures and Improvements (311)			5
Collecting and Impounding Reservoirs (312)			6
Lake, River and Other Intakes (313)			7
Wells and Springs (314)	8,861		8
Infiltration Galleries and Tunnels (315)			9
Supply Mains (316)			10
Other Water Source Plant (317)			11
<b>Total Source of Supply Plant</b>	<b>9,138</b>	<b>0</b>	
<b>PUMPING PLANT</b>			
Land and Land Rights (320)			12
Structures and Improvements (321)	5,909		13
Boiler Plant Equipment (322)			14
Other Power Production Equipment (323)			15
Steam Pumping Equipment (324)			16
Electric Pumping Equipment (325)	6,391		17
Diesel Pumping Equipment (326)			18
Hydraulic Pumping Equipment (327)			19
Other Pumping Equipment (328)	2,142		20
<b>Total Pumping Plant</b>	<b>14,442</b>	<b>0</b>	
<b>WATER TREATMENT PLANT</b>			
Land and Land Rights (330)			21
Structures and Improvements (331)			22
Water Treatment Equipment (332)	2,804		23
<b>Total Water Treatment Plant</b>	<b>2,804</b>	<b>0</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Land and Land Rights (340)	277		24
Structures and Improvements (341)			25

**WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
<b>INTANGIBLE PLANT</b>			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SOURCE OF SUPPLY PLANT</b>			
Land and Land Rights (310)			277 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)			8,861 8
Infiltration Galleries and Tunnels (315)			0 9
Supply Mains (316)			0 10
Other Water Source Plant (317)			0 11
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>9,138</b>
<b>PUMPING PLANT</b>			
Land and Land Rights (320)			0 12
Structures and Improvements (321)			5,909 13
Boiler Plant Equipment (322)			0 14
Other Power Production Equipment (323)			0 15
Steam Pumping Equipment (324)			0 16
Electric Pumping Equipment (325)			6,391 17
Diesel Pumping Equipment (326)			0 18
Hydraulic Pumping Equipment (327)			0 19
Other Pumping Equipment (328)			2,142 20
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>14,442</b>
<b>WATER TREATMENT PLANT</b>			
Land and Land Rights (330)			0 21
Structures and Improvements (331)			0 22
Water Treatment Equipment (332)			2,804 23
<b>Total Water Treatment Plant</b>	<b>0</b>	<b>0</b>	<b>2,804</b>
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Land and Land Rights (340)			277 24
Structures and Improvements (341)			0 25

### WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Distribution Reservoirs and Standpipes (342)	29,315		26
Transmission and Distribution Mains (343)	112,161	83,831	27
Fire Mains (344)			28
Services (345)	27,264	13,700	29
Meters (346)	15,981		30
Hydrants (348)	20,366	10,700	31
Other Transmission and Distribution Plant (349)			32
<b>Total Transmission and Distribution Plant</b>	<b>205,364</b>	<b>108,231</b>	
<b>GENERAL PLANT</b>			
Land and Land Rights (370)			33
Structures and Improvements (371)	1,125		34
Office Furniture and Equipment (372)			35
Computer Equipment (372.1)			36
Transportation Equipment (373)			37
Other General Equipment (379)	898		38
Other Tangible Property (390)			39
<b>Total General Plant</b>	<b>2,023</b>	<b>0</b>	
<b>Total utility plant in service directly assignable</b>	<b>233,771</b>	<b>108,231</b>	
Common Utility Plant Allocated to Water Department			40
<b>Total utility plant in service</b>	<b>233,771</b>	<b>108,231</b>	

**WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>			
Distribution Reservoirs and Standpipes (342)			29,315 26
Transmission and Distribution Mains (343)			195,992 27
Fire Mains (344)			0 28
Services (345)			40,964 29
Meters (346)	300		15,681 30
Hydrants (348)			31,066 31
Other Transmission and Distribution Plant (349)			0 32
<b>Total Transmission and Distribution Plant</b>	<b>300</b>	<b>0</b>	<b>313,295</b>
<b>GENERAL PLANT</b>			
Land and Land Rights (370)			0 33
Structures and Improvements (371)			1,125 34
Office Furniture and Equipment (372)			0 35
Computer Equipment (372.1)			0 36
Transportation Equipment (373)			0 37
Other General Equipment (379)			898 38
Other Tangible Property (390)			0 39
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>2,023</b>
<b>Total utility plant in service directly assignable</b>	<b>300</b>	<b>0</b>	<b>341,702</b>
Common Utility Plant Allocated to Water Department			0 40
<b>Total utility plant in service</b>	<b>300</b>	<b>0</b>	<b>341,702</b>

## SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January			2,052	2,052	1
February			1,773	1,773	2
March			2,010	2,010	3
April			1,999	1,999	4
May			2,347	2,347	5
June			2,413	2,413	6
July			2,411	2,411	7
August			2,323	2,323	8
September			2,179	2,179	9
October			2,247	2,247	10
November			2,153	2,153	11
December			2,207	2,207	12
<b>Total for year</b>	<b>0</b>	<b>0</b>	<b>26,114</b>	<b>26,114</b>	
Less: Measured or estimated water used in main flushing and water treatment during year					13
Less: Other utility use					14
Other utility use explanation:					15
Water pumped into distribution system				26,114	16
Less: Water sold				17,289	17
Losses and unaccounted for				8,825	18
Percent unaccounted for to the nearest whole percent (%)				34%	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				119,500	21
Date of maximum: 6/13/1997					22
Cause of maximum:					23
All mains flushed and gutter washed down.					
Minimum gallons pumped by all methods in any one day during reporting year				44,600	24
Date of minimum: 1/5/1997					25
Total KWH used for pumping for the year				19,576	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)	
WELL	#1	534	8	31,100	Yes	1

## SOURCES OF WATER SUPPLY - SURFACE WATERS

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

### PUMPING & POWER EQUIPMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	#1			1
Location	HIGHWAY 14			2
Purpose	P			3
Destination	R			4
Pump Manufacturer	LAYNE NW			5
Year Installed	1965			6
Type	VERTICAL TURBINE			7
Actual Capacity (gpm)	300			8
Pump Motor or Standby Engine Mfr	JOHNSON			10
Year Installed	1965			11
Type	ELECTRIC			12
Horsepower	20			13

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

## RESERVOIRS, STANDPIPES & WATER TREATMENT

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

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)
Identification number or name	#1		1
<b>RESERVOIRS, STANDPIPES OR ELEVATED TANKS</b>			<b>2</b>
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET		3
Year constructed	1965		4
Primary material (earthen, steel, concrete, other)	STEEL		5
Elevation difference in feet (See Headnote 3.)	100		6
Total capacity in gallons	50,000		7
<b>WATER TREATMENT PLANT</b>			<b>8</b>
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID		9
Points of application (wellhouse, central facilities, booster station, other)	OTHER		10
Filters, type (gravity, pressure, other, none)	NONE		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	500.0000		12
Is a corrosion control chemical used (yes, no)?	N		13
Is water fluoridated (yes, no)?	N		14

### WATER MAINS

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

Number of Feet							
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)
M	D	2.000	404				404
M	D	4.000	284				284
M	D	6.000	16,047	182			16,229
M	D	8.000	4,432	4,986			9,418
<b>Total Within Municipality</b>			<b>21,167</b>	<b>5,168</b>	<b>0</b>	<b>0</b>	<b>26,335</b>
<b>Total Utility</b>			<b>21,167</b>	<b>5,168</b>	<b>0</b>	<b>0</b>	<b>26,335</b>

### WATER SERVICES

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

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	183	12			195		1
M	1.000	9				9		2
M	1.500	2				2		3
M	2.000	2				2		4
<b>Total Utility</b>		<b>196</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>208</b>	<b>0</b>	

### METERS

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

#### 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	216		12		204		1
1.000	2				2		2
1.500	6				6		3
2.000	1				1		4
<b>Total:</b>	<b>225</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>213</b>	<b>0</b>	

#### Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	189	9		6			204	1
1.000		2					2	2
1.500		3		3			6	3
2.000			1				1	4
<b>Total:</b>	<b>189</b>	<b>14</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>213</b>	

### HYDRANTS AND DISTRIBUTION SYSTEM VALVES

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

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
<b>Fire Hydrants</b>						
Outside of Municipality					0	1
Within Municipality	38	10			48	2
<b>Total Fire Hydrants</b>	<b>38</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>48</b>	
<b>Flushing Hydrants</b>						
					0	3
<b>Total Flushing Hydrants</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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

Number of hydrants operated during year:	40
Number of distribution system valves end of year:	101
Number of distribution valves operated during year:	101

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## WATER OPERATING SECTION FOOTNOTES

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

Account 640 - Increase was due to \$1,955 for water sampling and \$2,357 for pump repairs and \$1,371 for ground meter sample.

Account 682 - Increase due to a change in personnel and accounting assistance, also \$2,760 was for preparation of a water system map.

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### Water Mains (Page W-15)

Mains added in 1997 were developer contributed.

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### Water Services (Page W-16)

Services added were developer contributed.

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### Meters (Page W-17)

Due to changes in personnel and other contributing factors, there were no meters tested in 1997. This matter will be addressed in 1998.

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### Hydrants and Distribution System Valves (Page W-18)

Hydrants added in 1997 were developer contributed.

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