



# CITY OF MERRILL

## Water & Sewage Utility

2401 River Street • Merrill, Wisconsin • 54452  
Phone: 715.536.6561 • Fax: 715.539.2668

**Smart Move**

## NOTICE

RE: Water and Sewage Committee Meeting to be held Wednesday, April 29, 2015 at 5:00 p.m. in the Council Chambers at City Hall.

Voting members: Alderperson Rob Norton, Alderperson Kandy Peterson, and Alderperson John Burgener

The following items will be on the agenda:

1. Review & approval of vouchers – February & March.
2. Discussion on service at 1204 N Center Avenue requested by Utility Superintendent on behalf of Kurt Wendt.
3. Discussion & recommendation on roof project bid for the Wastewater Treatment Plant.
4. Review & discussion of 2014 Public Service Commission Annual Report.
5. Discussion & recommendation on considering water simplified rate case application to Public Service Commission.
6. Approve engineering services for water line boring under Prairie River behind TB Scott Library.
7. Approve engineering services Seventh Street, Elm Street to Lake Street, utility upgrade and associated street reconstruction.
8. Discussion on Utilities Capital Project list for 2016.
9. Operations Report.
10. Public Comment.
11. Next meeting.
12. Adjournment.

Reviewed by,

Rob Norton  
Committee Chairperson

The Merrill City Hall is accessible to the physically disadvantaged. If special accommodations are needed, please contact the Merrill City Hall at 536-6561.

*An equal opportunity/affirmative action employer.*

PACKET: 05927 WU MARCH 2014

VENDOR SET: 01

BANK : 4 UTILITY A/P

VENDOR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
000177	AMERICAN DOOR CO. OF I-103294	AMERICAN DOOR CO. OF	R	3/13/2015		489.00CR	145155	489.00
003513	BATTERIES PLUS I-069-273572	BATTERIES PLUS	R	3/13/2015		574.60CR	145156	574.60
001521	BAY TOWEL, INC. I-022815	BAY TOWEL, INC.	R	3/13/2015		286.12CR	145157	286.12
000381	CITY OF MERRILL I-ACCOUNT SWG RPL	CITY OF MERRILL	R	3/13/2015		15,000.00CR	145158	15,000.00
001747	DEPT OF NATURAL RESOURCES I-LAB EX. REVIEW I-WTR OPR RENEWAL I-WW OPER EXAM	DEPT OF NATURAL RESOURCES DEPT OF NATURAL RESOURCES DEPT OF NATURAL RESOURCES	R R R	3/13/2015 3/13/2015 3/13/2015		50.00CR 45.00CR 100.00CR	145159 145159 145159	195.00
000207	E.O. JOHNSON COMPANY I-SDIN334396	E.O. JOHNSON COMPANY	R	3/13/2015		77.50CR	145160	77.50
001867	ENVIROTECH EQUIPMENT CO. I-020815-5A	ENVIROTECH EQUIPMENT CO.	R	3/13/2015		195.08CR	145161	195.08
2	FASTENAL COMPANY I-022815	FASTENAL COMPANY	R	3/13/2015		181.76CR	145162	181.76
000632	FERGUSON ENTERPRISES #331 I-0166375	FERGUSON ENTERPRISES #331	R	3/13/2015		605.02CR	145163	605.02
002661	FRONTIER I-022815	FRONTIER	R	3/13/2015		269.08CR	145164	269.08
000222	HACH COMPANY I-022815	HACH COMPANY	R	3/13/2015		179.07CR	145165	179.07
003713	HATCH BUILDING SUPPLY I-214805	HATCH BUILDING SUPPLY	R	3/13/2015		790.42CR	145166	790.42
001556	HD SUPPLY WATERWORKS, LTD I-D523123	HD SUPPLY WATERWORKS, LTD	R	3/13/2015		5,829.22CR	145167	5,829.22
002849	HYDROCORP I-022815	HYDROCORP	R	3/13/2015		2,680.00CR	145168	2,680.00

PACKET: 05927 WU MARCH 2014

VENDOR SET: 01

BANK : 4 UTILITY A/P

VENDOR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
000228	J & H BERGE, INC I-546196	J & H BERGE, INC	R	3/13/2015		140.30CR	145169	140.30
001350	LAYNE CHRISTENSEN COMPANY I-WELL REHAB	LAYNE CHRISTENSEN COMPANY	R	3/13/2015		16,901.00CR	145170	16,901.00
000313	LINCOLN CO TREASURER'S OFFICE I-9720	LINCOLN CO TREASURER'S OFFICE	R	3/13/2015		298.21CR	145171	298.21
000351	LOCAL GOVERNMENT INVESTMENT POOL I-REVENUE BD REDEP	OFFICE OF STATE TREASURER	R	3/13/2015		8,750.00CR	145172	8,750.00
000041	MERRILL ACE HARDWARE I-022815	MERRILL ACE HARDWARE	R	3/13/2015		180.91CR	145173	180.91
000540	NAPA AUTO PARTS I-022815	NAPA AUTO PARTS	R	3/13/2015		33.75CR	145174	33.75
000336	NIENOW ELECTRIC, INC I-022815	NIENOW ELECTRIC, INC	R	3/13/2015		1,957.88CR	145175	1,957.88
000337	NORTH CENTRAL LABORATORIES I-022815	NORTH CENTRAL LABORATORIES	R	3/13/2015		2,130.60CR	145176	2,130.60
001891	NORTHERN LAKE SERVICE INC I-270357	NORTHERN LAKE SERVICE INC	R	3/13/2015		275.00CR	145177	275.00
003520	NOVA ENTERPRISES INC I-45504	NOVA ENTERPRISES INC	R	3/13/2015		1,437.50CR	145178	1,437.50
001979	P B B S EQUIPMENT CORPORATION I-022815	P B B S EQUIPMENT CORPORATION	R	3/13/2015		475.00CR	145179	475.00
001392	PACE ANALYTICAL SERVICES INC I-1540001468	PACE ANALYTICAL SERVICES INC	R	3/13/2015		84.00CR	145180	84.00
000824	PER MAR SECURITY SERVICES I-1300576	PER MAR SECURITY SERVICES	R	3/13/2015		249.00CR	145181	249.00
000362	PETERSON BROS. SAND I-8095	PETERSON BROS. SAND	R	3/13/2015		128.25CR	145182	128.25

PACKET: 05927 WU MARCH 2014

VENDOR SET: 01

BANK : 4 UTILITY A/P

VENDOR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
002460	PROCESS INSTRUMENTS INC I-70600	PROCESS INSTRUMENTS INC	R	3/13/2015		661.20CR	145183	661.20
000586	QUILL CORPORATION I-022815	QUILL CORPORATION	R	3/13/2015		257.42CR	145184	257.42
000379	RIESTERER & SCHNELL INC I-782481	RIESTERER & SCHNELL INC	R	3/13/2015		66.79CR	145185	66.79
001811	SGS ENVIRONMENTAL CONTRACTING LLC I-24647	SGS ENVIRONMENTAL CONTRACTING	R	3/13/2015		2,770.00CR	145186	2,770.00
002834	T & P SALES & SERVICE I-02865	T & P SALES & SERVICE	R	3/13/2015		40.50CR	145187	40.50
000284	VIP ALL-VALUE I-022815	VIP ALL-VALUE	R	3/13/2015		542.69CR	145188	542.69
000299	WAL-MART COMMUNITY/GEMB I-022815	WAL-MART COMMUNITY/GEMB	R	3/13/2015		98.59CR	145189	98.59
001975	WASTEWATER TRAINING SOLUTIONS I-DISINFECTION CLASS	WASTEWATER TRAINING SOLUTIONS	R	3/13/2015		160.00CR	145190	160.00
000587	WI STATE LAB OF HYGIENE I-404906	WI STATE LAB OF HYGIENE	R	3/13/2015		40.00CR	145191	40.00
000656	WISCONSIN PUBLIC SERVICE I-022815	WISCONSIN PUBLIC SERVICE	R	3/13/2015		16,001.75CR	145192	16,001.75

* * T O T A L S * *	NO#	DISCOUNTS	CHECK AMT	TOTAL APPLIED
REGULAR CHECKS:	38	0.00	81,032.21	81,032.21
HANDWRITTEN CHECKS:	0	0.00	0.00	0.00
PRE-WRITE CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
VOID CHECKS:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
CORRECTIONS:	0	0.00	0.00	0.00
REGISTER TOTALS:	38	0.00	81,032.21	81,032.21

TOTAL ERRORS: 0

TOTAL WARNINGS: 0

PACKET: 05927 WU MARCH 2014

VENDOR SET: 01

BANK : 4 UTILITY A/P

VENDOR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
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\*\* POSTING PERIOD RECAP \*\*

FUND	PERIOD	AMOUNT
20	3/2015	275.00CR
62	3/2015	49,092.88CR
63	3/2015	31,664.33CR
ALL		81,032.21CR

PACKET: 05974 4/15/15 utility

VENDOR SET: 01

BANK : 4 UTILITY A/P

V_VR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
003108	AIRGAS USA, LLC I-033115	AIRGAS USA, LLC	R	4/15/2015		40.39CR	145709	40.39
002555	AMERICAN WELDING & GAS INC. I-03166211	AMERICAN WELDING & GAS INC.	R	4/15/2015		13.75CR	145710	13.75
001521	BAY TOWEL, INC. I-033115	BAY TOWEL, INC.	R	4/15/2015		358.06CR	145711	358.06
002411	BECHER-HOPPE ASSOC INC I-18678	BECHER-HOPPE ASSOC INC	R	4/15/2015		72.50CR	145712	72.50
000215	CHEMTRADE CHEMICALS US LLC I-91472734	CHEMTRADE CHEMICALS US LLC	R	4/15/2015		5,132.49CR	145713	5,132.49
000381	CITY OF MERRILL I-REPL. ACCT SWG	CITY OF MERRILL	R	4/15/2015		15,000.00CR	145714	15,000.00
001747	DEPT OF NATURAL RESOURCES I-OPER. CERT RENEWAL	DEPT OF NATURAL RESOURCES	R	4/15/2015		45.00CR	145715	45.00
003239	ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE INC I-25673323 QUOTE #	ENVIRONMENTAL SYSTEMS RESEARCH	R	4/15/2015		1,500.00CR	145716	1,500.00
000131	ETCO ELECTRIC SUPPLY I-3190351	ETCO ELECTRIC SUPPLY	R	4/15/2015		25.73CR	145717	25.73
000212	FASTENAL COMPANY I-033115	FASTENAL COMPANY	R	4/15/2015		681.07CR	145718	681.07
000632	FERGUSON ENTERPRISES #331 I-033115	FERGUSON ENTERPRISES #331	R	4/15/2015		1,249.63CR	145719	1,249.63
002661	FRONTIER I-033115	FRONTIER	R	4/15/2015		130.99CR	145720	130.99
000222	HACH COMPANY I-9224406	HACH COMPANY	R	4/15/2015		2,486.00CR	145721	2,486.00
000224	HYDRITE CHEMICAL CO I-01784222	HYDRITE CHEMICAL CO	R	4/15/2015		1,593.00CR	145722	1,593.00

PACKET: 05974 4/15/15 utility

VENDOR SET: 01

BANK : 4 UTILITY A/P

OR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
002849	HYDROCORP I-0035257-IN	HYDROCORP	R	4/15/2015		1,340.00CR	145723	1,340.00
002094	J&W INSTRUMENTS INC I-033115	J&W INSTRUMENTS INC	R	4/15/2015		740.60CR	145724	740.60
001350	LAYNE CHRISTENSEN COMPANY I-89070480	LAYNE CHRISTENSEN COMPANY	R	4/15/2015		3,482.00CR	145725	3,482.00
000313	LINCOLN CO TREASURER'S OFFICE I-9773	LINCOLN CO TREASURER'S OFFICE	R	4/15/2015		353.97CR	145726	353.97
000351	LOCAL GOVERNMENT INVESTMENT POOL I-REDEMP. BOND REV	LOCAL GOVERNMENT INVESTMENT PO	R	4/15/2015		8,750.00CR	145727	8,750.00
000041	MERRILL ACE HARDWARE I-033115	MERRILL ACE HARDWARE	R	4/15/2015		1,700.01CR	145728	1,700.01
000328	MERRILL WATER UTILITY I-033115	MERRILL WATER UTILITY	R	4/15/2015		687.99CR	145729	687.99
000331	MULCAHY/SHAW WATER INC I-319297	MULCAHY/SHAW WATER INC	R	4/15/2015		92.04CR	145730	92.04
000336	NIENOW ELECTRIC, INC I-033115	NIENOW ELECTRIC, INC	R	4/15/2015		788.90CR	145731	788.90
000337	NORTH CENTRAL LABORATORIES I-033115	NORTH CENTRAL LABORATORIES	R	4/15/2015		1,325.51CR	145732	1,325.51
001891	NORTHERN LAKE SERVICE INC I-033115	NORTHERN LAKE SERVICE INC	R	4/15/2015		550.00CR	145733	550.00
001979	P B B S EQUIPMENT CORPORATION I-033115	P B B S EQUIPMENT CORPORATION	R	4/15/2015		2,104.57CR	145734	2,104.57
001392	PACE ANALYTICAL SERVICES INC I-033115	PACE ANALYTICAL SERVICES INC	R	4/15/2015		689.00CR	145735	689.00
000824	PER MAR SECURITY SERVICES I-1328701	PER MAR SECURITY SERVICES	R	4/15/2015		1,032.12CR	145736	1,032.12

PACKET: 05974 4/15/15 utility

VENDOR SET: 01

BANK : 4 UTILITY A/P

CHK NO	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
000566	PITNEY BOWES I-2344283-MR15	PITNEY BOWES	R	4/15/2015		232.53CR	145737	232.53
000586	QUILL CORPORATION I-2243850	QUILL CORPORATION	R	4/15/2015		64.36CR	145738	64.36
001811	SGS ENVIRONMENTAL CONTRACTING LLC I-24692	SGS ENVIRONMENTAL CONTRACTING	R	4/15/2015		1,415.00CR	145739	1,415.00
000266	TRANTOW DO IT CENTER I-448475	TRANTOW DO IT CENTER	R	4/15/2015		57.96CR	145740	57.96
000278	TRIDENT SUPPLY I-033115	TRIDENT SUPPLY	R	4/15/2015		173.55CR	145741	173.55
000578	USA BLUE BOOK I-597817	USA BLUE BOOK	R	4/15/2015		158.71CR	145742	158.71
000299	WAL-MART COMMUNITY/GEMB I-033115	WAL-MART COMMUNITY/GEMB	R	4/15/2015		89.82CR	145743	89.82
000285	WILLIE'S TIRE CENTER I-250408008	WILLIE'S TIRE CENTER	R	4/15/2015		25.00CR	145744	25.00
000656	WISCONSIN PUBLIC SERVICE I-033115	WISCONSIN PUBLIC SERVICE	R	4/15/2015		14,070.62CR	145745	14,070.62

* * T O T A L S * *				
	NO#	DISCOUNTS	CHECK AMT	TOTAL APPLIED
REGULAR CHECKS:	37	0.00	68,252.87	68,252.87
HANDWRITTEN CHECKS:	0	0.00	0.00	0.00
PRE-WRITE CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
VOID CHECKS:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
CORRECTIONS:	0	0.00	0.00	0.00
REGISTER TOTALS:	37	0.00	68,252.87	68,252.87

TOTAL ERRORS: 0

TOTAL WARNINGS: 0

PACKET: 05974 4/15/15 utility

VENDOR SET: 01

BANK : 4 UTILITY A/P

OR	NAME / I.D.	DESC	CHECK TYPE	CHECK DATE	DISCOUNT	AMOUNT	CHECK NO#	CHECK AMOUNT
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\*\* POSTING PERIOD RECAP \*\*

FUND	PERIOD	AMOUNT
20	4/2015	550.00CR
62	4/2015	28,838.63CR
63	4/2015	38,864.24CR
ALL		68,252.87CR

N  
MAY 4 1961  
G.H.S

HOUSE

- OVER -

see 1968  
sheet

MANHOLE 11'6" DEEP

W

HEM STREET HOUSE

HYDT

HYDT GATE VALVE

Hiway 51

6" CI WATER MAIN

DUKES SPORT SHOP

MANHOLE 13'5" DEEP

MERRILL WATER UTILITY

TAP-SERVICE ORDER NUMBER 20099 1961

Owner LINEAL ESTATE PROPRIETORS INC

Location Highway 51

Lot \_\_\_\_\_ Block \_\_\_\_\_ Addition \_\_\_\_\_

Residence \_\_\_\_\_ Store \_\_\_\_\_ Industry \_\_\_\_\_ Public

New  Kill \_\_\_\_\_ Replace \_\_\_\_\_ Abandon \_\_\_\_\_

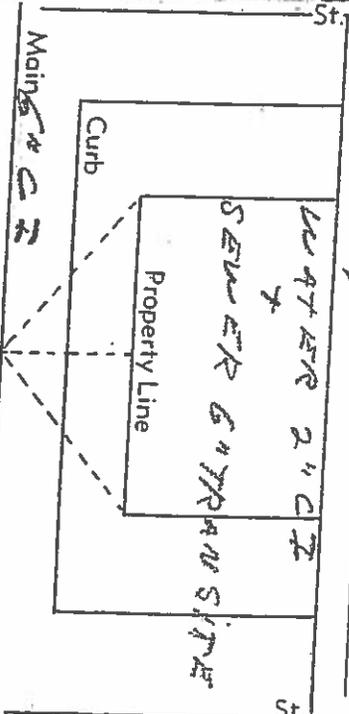
Main 6 inches, Kind CI, 7' " deep

Top to curb stop 12'0" out from inches

Property line to stop \_\_\_\_\_ inches

Curb box is 13'6" S from 3'6" S inches

Remarks SEE DIAGRAM



Highway 51

Material - OVER - St.

Material	Size	Quantity
Service Clamp	<u>SCR</u>	
Corporation Stop	<u>2" VALVE</u>	

hooked Line 5/ Bob Weaver & this 2" Line in 1997 when 6" O.I. Pipe was  
in across Center this new hydrant was installed,  
service San Merrill sheet material installed 1968

THIS SEWER WATER SERVICE IS DERIVED FROM 1347514701C

# WANT BOOK

ORDER FROM

## Frank Garber Co., Inc.

### WHOLESALE PLUMBING SUPPLIES

WISCONSIN RAPIDS, WISCONSIN

CALL US COLLECT

TELEPHONE: HA 3-8000

HEM STREET WATER LINE IS 2 FT  
 EAST OF HYD TEE  
 LINCOLN ENTERPRISE INC  
 UNDER WATER LINE IS TAPPED BY  
 WEST OF HYD TEE.  
 6" TRANSVERSE SEWER IS 6 FT  
 UNDER GROUND WATER LINE BETWEEN  
 HYD TEE & RICE TAP FOR  
 BOWLING LANE.  
 2" WATER LINE DROPS 2 FT 6 IN BELOW  
 6" WATER LINE.

2 1/2 ft of ~~curb~~ w of  
 Highway  
 CURB BOX TO BOWLING ALLEY  
 IS 18 FT SOUTH and 10  
 W of S.E CORNER



**REQUEST TO INCLUDE ITEM ON AGENDA**

Board or Committee: Water & Sewage Committee

Date of Meeting: Wednesday, April 29<sup>th</sup>, 2015

Request by: Kathy Unertl, Finance Director

Describe below the item(s) you wish to have put on the agenda:  
(please attach any pertinent information)

**Consider recommendation to accept bid for Wastewater Treatment Plant Reroof Project**

There were three bids. Recommendation to award to Maurer Roofing, Inc.  
(Marshfield, WI):

\$84,700	Base Bid - #2
\$53,900	Alternate #2
<u>\$138,600</u>	
\$13,860	Contingency - 10%
<u>\$152,460</u>	WWTP Reroof

Signed: Kathy Unertl

4/20/2015



330 Fourth Street, PO Box 8000, Wausau, WI 54402-8000  
Tel: 715.845.8000 | Fax: 715.845.8008 | becherhoppe.com

April 17, 2015

Kathy Unertl, Finance Director  
Merrill City Hall  
1004 E 1st St  
Merrill, WI 54452

**Subject: Merrill WWTF and City Garage Reroof  
Bid Tabulation Results**

Dear Jim:

Bids were received from a total of three roofing contractors. All of the contractors completed the Bidders Proof of Responsibility ahead of time as required. The bids were opened by Tom Hayden, read aloud by Kathy Unertl, and recorded by Rick Schroeder.

The lowest Base Bid #1 – City Garage Roof and Base Bid #2 - WWTF Roof was submitted by Maurer Roofing Inc. of Marshfield With a cost of \$199,840 for Base Bid #1 and \$84,700 for Base Bid #2. Maurer's cost for both Base Bid #1 – Alternate 1 and Base Bid #2 – Alternate 1 was \$0. These Alternates were to use 90 mil EPDM instead of the 115 mil FleeceBack EPDM as specified under the Base Bids.

The cost for either Base Bid #2 – Alternate 2 or Base Bid #2 – Alternate 3 was \$53,900. Alternate #2 was the cost for reroofing the WWTF's Roof Area E using 115 mil FleeceBack EPDM, while Alternate #3 was the cost for reroofing the WWTF's Roof Area E using 90 mil EPDM. Accepting Base Bid #2 – Alternate 2 would bring the total of reroofing the WWTF roof to \$138,600. Base Bid #2 – Alternate 3 would be rejected.

Maurer's bid of \$199,840 (Base Bid #1) for the reroofing of the City Garage Roof is under the budgeted cost of \$229,544 and the total bid of \$138,600 (Base Bid #2 plus Alternate #2) for the entire reroofing of the WWTF roof is significantly under the \$261,537 budgeted cost. The bid tabulation attached to this letter provides a summary of the bid information.

We are recommending accepting Base Bid #1 – City Garage Roof, Base Bid #2 - WWTF Roof and Base Bid #2 – Alternate 2 from Maurer Roofing Inc. for a total project cost of \$338,440. We are also recommending not accepting Base Bid #1 – Alternate 1, Base Bid #2 – Alternate 1 and Base Bid #2 – Alternate 3.

As is typical, we strongly recommend a contingency of ten percent (10%) for unknown conditions be included to the project budget in the event of unforeseen revisions required during construction.

Respectfully,

A handwritten signature in black ink, appearing to read "Rick Schroeder".

Rick Schroeder  
Architectural Services Group Manager

Enclosure: Bid Tabulation

# Merrill WWTF and City Garage Reroof Bid Tabulation

Project 2014.095.008/009

Bid Date: April 16, 2015 Time 3:00 pm

	Maurer Roofing, Inc.	Commercial Roofing, Inc.	Nieman Central Wisc Roofing Co.
Base Bid #1 - City Garage Roof	\$199,840	\$248,546	\$273,700
Base Bid #2 - WWTF Roof	\$84,700	\$198,016	\$108,000
General Contractor Markup	*10% - \$70/hour	0%	25%
Sub-Contractor Markup	10%	0%	10%
Credit for Deleted Work	*10% - \$70/hour	0%	10%
Addendum Acknowledged (Yes or No)	Yes	Yes	Yes
Bid Security (Yes or No)	Yes	Yes	Yes
Proposed Substitutions (Yes or No)	Yes	No	Yes
List of Subcontractors (Yes or No)	Yes	No	Yes
Aff of Org and Authority (Yes or No) Received 5 days before	Yes	Yes	Yes
Base Bid #1 - Alternate #1	\$0.00	N/A	- \$12,225
Base Bid #2 - Alternate #1	\$0.00	N/A	- \$8,800
Base Bid #2 - Alternate #2	+ \$53,900	+ \$154,275	+ \$69,800
Base Bid #2 - Alternate #3	+ \$53,900	N/A	+ \$62,600

\*Verified in phone conversation with Todd Maurer on 4/16/2015



3014 (01-06-12)

**ANNUAL REPORT**

OF

Name: CITY OF MERRILL WATER UTILITY

Principal Office: 1004 EAST FIRST STREET  
MERRILL, WI 54452

For the Year Ended: DECEMBER 31, 2014

**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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## GENERAL RULES FOR REPORTING

1. Prepare the report in conformity with the Uniform System of Accounts prescribed by the Public Service Commission of Wisconsin.
2. Numeric items shall contain digits (0-9). A minus sign "-" shall be entered in the software program to indicate negative values. Parentheses shall not be used for numeric items. The program will convert the minus sign to parentheses for hard copy annual report purposes. Negative values may not be allowed for certain entries in the annual report due to restrictions contained in the software program.
3. The annual report should be complete in itself in all particulars. Reference to reports of former years should not be made to take the place of required entries except as otherwise specifically authorized.
4. Whenever schedules call for data from the previous year, the data reported must be based upon those shown by the annual report of the previous year or an appropriate explanation given why different data is being reported for the current year. Where available, use an adjustment column.
5. All dollar amounts will be reported in whole dollars.
6. Wherever information is required to be shown as text, the information shall be shown in the space provided using other than account titles. In each case, the information shall be properly identified. Footnote capability is included in the annual report software program and shall be utilized where necessary to further explain particulars of a schedule.

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**SIGNATURE PAGE**

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I KATHY UNERTL of  
(Person responsible for accounts)

CITY OF MERRILL WATER UTILITY, certify that I  
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

\_\_\_\_\_  
(Signature of person responsible for accounts)      03/31/2015  
(Date)

\_\_\_\_\_  
FINANCE DIRECTOR  
(Title)

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### IDENTIFICATION AND OWNERSHIP

**Exact Utility Name:** CITY OF MERRILL WATER UTILITY  
**Utility Address:** 1004 EAST FIRST STREET  
MERRILL, WI 54452

**When was utility organized?** 7/31/1947  
**Report any change in name:**  
**Effective Date:**  
**Utility Web Site:**

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

**Name:** KIM KRIEWALD  
**Title:** UTILITY SUPERINTENDENT  
**Office Address:**  
2401 RIVER STREET  
MERRILL, WI 54452

**Telephone:** (715) 536 - 6561  
**Fax Number:** (715) 539 - 2668  
**Email Address:** kim.kriewald@ci.merrill.wi.us

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

**Name:** DAVID MACCOUX, CPA  
**Title:** SHAREHOLDER  
**Office Address:** SCHENCK SC  
2200 RIVERSIDE DRIVE  
GREEN BAY, WI 54305-3819

**Telephone:** (920) 455 - 4114 EXT  
**Fax Number:** (920) 617 - 2511  
**Email Address:** david.maccoux@schencksc.com

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

**Name:** ROB NORTON  
**Title:** CHAIRMAN  
**Office Address:**  
2401 RIVER STREET  
MERRILL, WI 54452

**Telephone:** (715) 536 - 6561  
**Fax Number:** (715) 539 - 2668  
**Email Address:** rob.norton@ci.merrill.wi.us

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

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

**Name:** DAVID MACCOUX, CPA  
**Title:** SHAREHOLDER  
**Office Address:** SCHENCK SC  
2200 RIVERSIDE DRIVE  
GREEN BAY, WI 54305-3819

**Telephone:** (920) 455 - 4114 EXT  
**Fax Number:** (920) 617 - 2511  
**Email Address:** david.maccoux@schencksc.com

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**IDENTIFICATION AND OWNERSHIP**

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**Date of most recent audit report:** 5/6/2014**Period covered by most recent audit:** FYE 12/31/13

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

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**Name:** KIM KRIEWALD**Title:** UTILITY SUPERINTENDENT**Office Address:**2401 RIVER STREET  
MERRILL, WI 54452**Telephone:** (715) 536 - 6561**Fax Number:** (715) 539 - 2668**Email Address:** kim.kriewald@ci.merrill.wi.us

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**Name of utility commission/committee:** WATER AND SEWAGE COMMITTEE

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

MR JOHN BURGNER, ALDERPERSON

MR ROB NORTON, ALDERPERSON, CHAIRPERSON

MS KANDY PETERSON, ALDERPERSON

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**Is sewer service rendered by the utility?** YES**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes?** NO**Date of Ordinance:****Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?** NO

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

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**Firm Name:** NONE**Contact Person:****Title:****Telephone:****Fax Number:****Email 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)	1,482,312	1,376,571	1
<b>Operating Expenses:</b>			
Operation and Maintenance Expense (401-402)	807,053	669,971	2
Depreciation Expense (403)	313,361	301,788	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	374,241	342,646	5
<b>Total Operating Expenses</b>	<b>1,494,655</b>	<b>1,314,405</b>	
<b>Net Operating Income</b>	<b>(12,343)</b>	<b>62,166</b>	
Income from Utility Plant Leased to Others (412-413)	0	0	6
<b>Utility Operating Income</b>	<b>(12,343)</b>	<b>62,166</b>	
<b>OTHER INCOME</b>			
Income from Merchandising, Jobbing and Contract Work (415-416)	14,798	6,168	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	2,634	2,608	10
Miscellaneous Nonoperating Income (421)	9,003	0	11
<b>Total Other Income</b>	<b>26,435</b>	<b>8,776</b>	
<b>Total Income</b>	<b>14,092</b>	<b>70,942</b>	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>			
Miscellaneous Amortization (425)	(27,345)	(27,345)	12
Other Income Deductions (426)	55,471	55,545	13
<b>Total Miscellaneous Income Deductions</b>	<b>28,126</b>	<b>28,200</b>	
<b>Income Before Interest Charges</b>	<b>(14,034)</b>	<b>42,742</b>	
<b>INTEREST CHARGES</b>			
Interest on Long-Term Debt (427)	31,206	29,973	14
Amortization of Debt Discount and Expense (428)	0	0	15
Amortization of Premium on Debt--Cr. (429)	0	0	16
Interest on Debt to Municipality (430)	3,063	3,556	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	0	0	19
<b>Total Interest Charges</b>	<b>34,269</b>	<b>33,529</b>	
<b>Net Income</b>	<b>(48,303)</b>	<b>9,213</b>	
<b>EARNED SURPLUS</b>			
Unappropriated Earned Surplus (Beginning of Year) (216)	7,960,188	7,950,975	20
Balance Transferred from Income (433)	(48,303)	9,213	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
<b>Total Unappropriated Earned Surplus End of Year (216)</b>	<b>7,911,885</b>	<b>7,960,188</b>	

**DETAILS OF INCOME STATEMENT ACCOUNTS**

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)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>UTILITY OPERATING INCOME</b>				
<b>Operating Revenues (400):</b>				
Derived	1,482,312	0	1,482,312	1
<b>Total (Acct. 400):</b>	<b>1,482,312</b>	<b>0</b>	<b>1,482,312</b>	
<b>Operation and Maintenance Expense (401-402):</b>				
Derived	807,053	0	807,053	2
<b>Total (Acct. 401-402):</b>	<b>807,053</b>	<b>0</b>	<b>807,053</b>	
<b>Depreciation Expense (403):</b>				
Derived	313,361	0	313,361	3
<b>Total (Acct. 403):</b>	<b>313,361</b>	<b>0</b>	<b>313,361</b>	
<b>Amortization Expense (404-407):</b>				
Derived	0	0	0	4
<b>Total (Acct. 404-407):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Taxes (408):</b>				
Derived	374,241	0	374,241	5
<b>Total (Acct. 408):</b>	<b>374,241</b>	<b>0</b>	<b>374,241</b>	
<b>Revenues from Utility Plant Leased to Others (412):</b>				
NONE			0	6
<b>Total (Acct. 412):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Expenses of Utility Plant Leased to Others (413):</b>				
NONE			0	7
<b>Total (Acct. 413):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL UTILITY OPERATING INCOME:</b>	<b>(12,343)</b>	<b>0</b>	<b>(12,343)</b>	
<b>OTHER INCOME</b>				
<b>Income from Merchandising, Jobbing and Contract Work (415-416):</b>				
Derived	14,798	0	14,798	8
<b>Total (Acct. 415-416):</b>	<b>14,798</b>	<b>0</b>	<b>14,798</b>	
<b>Income from Nonutility Operations (417):</b>				
NONE			0	9
<b>Total (Acct. 417):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Nonoperating Rental Income (418):</b>				
NONE			0	10
<b>Total (Acct. 418):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Interest and Dividend Income (419):</b>				
INTEREST ON CASH AND INVESTMENTS	2,634		2,634	11
<b>Total (Acct. 419):</b>	<b>2,634</b>	<b>0</b>	<b>2,634</b>	
<b>Miscellaneous Nonoperating Income (421):</b>				
Contributed Plant - Water		9,003	9,003	12
NONE			0	13
<b>Total (Acct. 421):</b>	<b>0</b>	<b>9,003</b>	<b>9,003</b>	
<b>TOTAL OTHER INCOME:</b>	<b>17,432</b>	<b>9,003</b>	<b>26,435</b>	

## DETAILS OF INCOME STATEMENT ACCOUNTS

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)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>MISCELLANEOUS INCOME DEDUCTIONS</b>				
<b>Miscellaneous Amortization (425):</b>				
Regulatory Liability (253) Amortization	(27,345)	0	(27,345)	14
NONE			0	15
<b>Total (Acct. 425):</b>	<b>(27,345)</b>	<b>0</b>	<b>(27,345)</b>	
<b>Other Income Deductions (426):</b>				
Depreciation Expense on Contributed Plant - Water	0	55,471	55,471	16
NONE			0	17
<b>Total (Acct. 426):</b>	<b>0</b>	<b>55,471</b>	<b>55,471</b>	
<b>TOTAL MISCELLANEOUS INCOME DEDUCTIONS:</b>	<b>(27,345)</b>	<b>55,471</b>	<b>28,126</b>	
<b>INTEREST CHARGES</b>				
<b>Interest on Long-Term Debt (427):</b>				
Derived	31,206	0	31,206	18
<b>Total (Acct. 427):</b>	<b>31,206</b>	<b>0</b>	<b>31,206</b>	
<b>Amortization of Debt Discount and Expense (428):</b>				
NONE			0	19
<b>Total (Acct. 428):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Amortization of Premium on Debt—Cr. (429):</b>				
NONE			0	20
<b>Total (Acct. 429):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Interest on Debt to Municipality (430):</b>				
Derived	3,063	0	3,063	21
<b>Total (Acct. 430):</b>	<b>3,063</b>	<b>0</b>	<b>3,063</b>	
<b>Other Interest Expense (431):</b>				
Derived	0	0	0	22
<b>Total (Acct. 431):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Interest Charged to Construction—Cr. (432):</b>				
NONE			0	23
<b>Total (Acct. 432):</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL INTEREST CHARGES:</b>	<b>34,269</b>	<b>0</b>	<b>34,269</b>	
<b>NET INCOME:</b>	<b>(1,835)</b>	<b>(46,468)</b>	<b>(48,303)</b>	
<b>EARNED SURPLUS</b>				
<b>Unappropriated Earned Surplus (Beginning of Year) (216):</b>				
Derived	6,365,315	1,594,873	7,960,188	24
<b>Total (Acct. 216):</b>	<b>6,365,315</b>	<b>1,594,873</b>	<b>7,960,188</b>	
<b>Balance Transferred from Income (433):</b>				
Derived	(1,835)	(46,468)	(48,303)	25
<b>Total (Acct. 433):</b>	<b>(1,835)</b>	<b>(46,468)</b>	<b>(48,303)</b>	
<b>Miscellaneous Credits to Surplus (434):</b>				
NONE			0	26
<b>Total (Acct. 434):</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**DETAILS OF INCOME STATEMENT ACCOUNTS**

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)	Earnings (216.1) (b)	Contributions (216.2) (c)	Total This Year (d)	
<b>EARNED SURPLUS</b>				
<b>Miscellaneous Debits to Surplus--Debit (435):</b>				
NONE			0	27
<b>Total (Acct. 435)--Debit:</b>	0	0	0	
<b>Appropriations of Surplus--Debit (436):</b>				
Detail appropriations to (from) account 215			0	28
<b>Total (Acct. 436)--Debit:</b>	0	0	0	
<b>Appropriations of Income to Municipal Funds--Debit (439):</b>				
NONE			0	29
<b>Total (Acct. 439)--Debit:</b>	0	0	0	
<b>UNAPPROPRIATED EARNED SURPLUS (END OF YEAR):</b>	<b>6,363,480</b>	<b>1,548,405</b>	<b>7,911,885</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)	18,398				18,398	1
<b>Costs &amp; Expenses of Merchandising, Jobbing and Contract Work (416):</b>						
Cost of merchandise sold	3,600				3,600	2
Payroll	0				0	3
Materials					0	4
Taxes					0	5
<b>Other (list by major classes):</b>						
NONE					0	6
<b>Total costs and expenses</b>	<b>3,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,600</b>	
<b>Net income (or loss)</b>	<b>14,798</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,798</b>	

**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	1,482,312	0	0	0	1,482,312	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 -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> NONE					0	6
<b>Revenues subject to Wisconsin Remainder Assessment</b>	<b>1,482,312</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,482,312</b>	

## DISTRIBUTION OF TOTAL PAYROLL

1. Amounts charged to Utility Financed and to Contributed Plant accounts should be combined and reported in plant or accumulated depreciation accounts.
2. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
3. 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.
4. 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	343,594	0	343,594	1
Electric operating expenses	0	0	0	2
Gas operating expenses	0	0	0	3
Heating operating expenses	0	0	0	4
Sewer operating expenses	0	0	0	5
Merchandising and jobbing	0	0	0	6
Other nonutility expenses	0	0	0	7
Water utility plant accounts	0	0	0	8
Electric utility plant accounts	0	0	0	9
Gas utility plant accounts	0	0	0	10
Heating utility plant accounts	0	0	0	11
Sewer utility plant accounts	0	0	0	12
Accum. prov. for depreciation of water plant	0	0	0	13
Accum. prov. for depreciation of electric plant	0	0	0	14
Accum. prov. for depreciation of gas plant	0	0	0	15
Accum. prov. for depreciation of heating plant	0	0	0	16
Accum. prov. for depreciation of sewer plant	0	0	0	17
Clearing accounts	0	0	0	18
All other accounts	0	0	0	19
<b>Total Payroll</b>	<b>343,594</b>	<b>0</b>	<b>343,594</b>	

**FULL-TIME EMPLOYEES (FTE)**

Use FTE numbers where FTE stands for full-time employees or full-time equivalency. FTE can be computed by using total hours worked/2080 hours for a fiscal year. Estimate to the nearest tenth. If an employee works part time for more than one industry then determine FTE based on estimate of hours worked per industry.

Example: An employee worked 35% of their time on electric jobs, 30% on water jobs, 20% on sewer jobs and 15% on municipal nonutility jobs. The FTE by industry would be .4 for electric, .3 for water and .2 for sewer.

Industry (a)	FTE (b)	
Water	5.7	1
Electric		2
Gas		3
Sewer		4

**BALANCE SHEET**

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
<b>UTILITY PLANT</b>			
Utility Plant (101)	14,040,984	13,752,881	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (111)	5,028,869	4,752,286	2
Utility Plant Acquisition Adjustments (117-118)	0	0	3
Other Utility Plant Adjustments (119)	0	0	4
<b>Net Utility Plant</b>	<b>9,012,115</b>	<b>9,000,595</b>	
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Nonutility Property (121)	0	0	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
<b>Net Nonutility Property</b>	<b>0</b>	<b>0</b>	
Investment in Municipality (123)	0	0	7
Other Investments (124)	0	732	8
Sinking Funds (125)	0	0	9
Depreciation Fund (126)	0	0	10
Other Special Funds (128)	0	0	11
<b>Total Other Property and Investments</b>	<b>0</b>	<b>732</b>	
<b>CURRENT AND ACCRUED ASSETS</b>			
Cash (131)	1,350,999	1,586,248	12
Special Deposits (134)	0	0	13
Working Funds (135)			14
Temporary Cash Investments (136)			15
Notes Receivable (141)	0	0	16
Customer Accounts Receivable (142)	342,737	313,640	17
Other Accounts Receivable (143)	3,576	1,529	18
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	19
Receivables from Municipality (145)	42,828	23,900	20
Plant Materials and Operating Supplies (154)	31,875	30,348	21
Merchandise (155)	0	0	22
Other Materials and Supplies (156)	0	0	23
Stores Expense (163)	0	0	24
Prepayments (165)	0	0	25
Interest and Dividends Receivable (171)			26
Accrued Utility Revenues (173)			27
Miscellaneous Current and Accrued Assets (174)			28
<b>Total Current and Accrued Assets</b>	<b>1,772,015</b>	<b>1,955,665</b>	
<b>DEFERRED DEBITS</b>			
Unamortized Debt Discount and Expense (181)	0	0	29
Extraordinary Property Losses (182)	0	0	30
Preliminary Survey and Investigation Charges (183)	0	0	31
Clearing Accounts (184)	0	0	32
Temporary Facilities (185)	0	0	33
Miscellaneous Deferred Debits (186)	14,828	18,534	34
<b>Total Deferred Debits</b>	<b>14,828</b>	<b>18,534</b>	
<b>Total Assets and Other Debits</b>	<b>10,798,958</b>	<b>10,975,526</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)	752,008	752,008	35
Appropriated Earned Surplus (215)			36
Unappropriated Earned Surplus (216)	7,911,885	7,960,188	37
<b>Total Proprietary Capital</b>	<b>8,663,893</b>	<b>8,712,196</b>	
<b>LONG-TERM DEBT</b>			
Bonds (221)	1,604,462	1,678,469	38
Advances from Municipality (223)	158,382	182,985	39
Other Long-Term Debt (224)	0	0	40
<b>Total Long-Term Debt</b>	<b>1,762,844</b>	<b>1,861,454</b>	
<b>CURRENT AND ACCRUED LIABILITIES</b>			
Notes Payable (231)	0	0	41
Accounts Payable (232)	30,736	26,653	42
Payables to Municipality (233)	0	0	43
Customer Deposits (235)			44
Taxes Accrued (236)	0	0	45
Interest Accrued (237)	7,510	8,132	46
Tax Collections Payable (241)			47
Miscellaneous Current and Accrued Liabilities (242)	87,886	93,657	48
<b>Total Current and Accrued Liabilities</b>	<b>126,132</b>	<b>128,442</b>	
<b>DEFERRED CREDITS</b>			
Unamortized Premium on Debt (251)	0	0	49
Customer Advances for Construction (252)			50
Other Deferred Credits (253)	246,089	273,434	51
<b>Total Deferred Credits</b>	<b>246,089</b>	<b>273,434</b>	
<b>OPERATING RESERVES</b>			
Property Insurance Reserve (261)			52
Injuries and Damages Reserve (262)			53
Pensions and Benefits Reserve (263)			54
Miscellaneous Operating Reserves (265)			55
<b>Total Operating Reserves</b>	<b>0</b>	<b>0</b>	
<b>Total Liabilities and Other Credits</b>	<b>10,798,958</b>	<b>10,975,526</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>First of Year:</b>					
Total Utility Plant - First of Year	13,752,881	0	0	0	1
	<i>(Should agree with Util. Plant Jan. 1 in Property Tax Equivalent Schedule)</i>				
<b>Plant Accounts:</b>					
Utility Plant in Service - Financed by Utility Operations or by the Municipality (101.1)	11,464,318	0	0	0	2
Utility Plant in Service - Contributed Plant (101.2)	2,559,741	0	0	0	3
Utility Plant Purchased or Sold (102)					4
Utility Plant Leased to Others (104)					5
Property Held for Future Use (105)					6
Completed Construction not Classified (106)					7
Construction Work in Progress (107)	16,925				8
<b>Total Utility Plant</b>	<b>14,040,984</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Accumulated Provision for Depreciation and Amortization:</b>					
Accumulated Provision for Depreciation of Utility Plant in Service - Financed by Utility Operations or by the Municipality (111.1)	4,013,709	0	0	0	9
Accumulated Provision for Depreciation of Utility Plant in Service - Contributed Plant (111.2)	1,015,160	0	0	0	10
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					11
Accumulated Provision for Depreciation of Property Held for Future Use (113)					12
Accumulated Provision for Amortization of Utility Plant in Service (114)					13
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					14
Accumulated Provision for Amortization of Property Held for Future Use (116)					15
<b>Total Accumulated Provision</b>	<b>5,028,869</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Other Utility Plant Accounts:</b>					
Utility Plant Acquisition Adjustments (117)					16
Accumulated Provision for Amortization of Utility Plant Acquisition Adjustments (118)					17
Other Utility Plant Adjustments (119)					18
<b>Total Other Utility Plant Accounts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Net Utility Plant</b>	<b>9,012,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT  
ON UTILITY PLANT FINANCED BY UTILITY OPERATION  
OR BY THE MUNICIPALITY (ACCT. 111.1)**

Depreciation Accruals (Credits) during the year (111.1):

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 (111.1)</b>	3,773,208				3,773,208	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged depreciation expense (403)	313,361				313,361	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	14,039				14,039	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage					0	10
Other credits (specify):						11
					0	12
					0	13
					0	14
					0	15
<b>Total credits</b>	327,400	0	0	0	327,400	16
<b>Debits during year</b>						17
Book cost of plant retired	86,899				86,899	18
Cost of removal					0	19
Other debits (specify):						20
					0	21
					0	22
					0	23
					0	24
<b>Total debits</b>	86,899	0	0	0	86,899	25
<b>Balance end of year (111.1)</b>	4,013,709	0	0	0	4,013,709	26
<b>Footnotes</b>						27

**ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT  
ON CONTRIBUTED PLANT IN SERVICE  
(ACCT. 111.2)**

Depreciation Accruals (Credits) during the year (111.2):

1. Report the amounts charged in the operating sections to Other Income Deductions (426).
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 (111.2)</b>	979,078				979,078	1
<b>Credits During Year</b>						2
<b>Accruals:</b>						3
Charged Other Income Deductions (426)	55,471				55,471	4
Depreciation expense on meters						5
charged to sewer (see Note 3)					0	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage					0	10
Other credits (specify):						11
					0	12
					0	13
					0	14
					0	15
<b>Total credits</b>	55,471	0	0	0	55,471	16
<b>Debits during year</b>						17
Book cost of plant retired	19,389				19,389	18
Cost of removal					0	19
Other debits (specify):						20
					0	21
					0	22
					0	23
					0	24
<b>Total debits</b>	19,389	0	0	0	19,389	25
<b>Balance end of year (111.2)</b>	1,015,160	0	0	0	1,015,160	26
<b>Footnotes</b>						27

**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
NONE	0			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			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	0	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 (151)					0	0	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)					0	0	3
<b>Total Electric Utility</b>					<b>0</b>	<b>0</b>	

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	31,875	30,348	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
<b>Total Materials and Supplies</b>	<b>31,875</b>	<b>30,348</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)		
<b>Unamortized debt discount &amp; expense (181)</b>				
NONE				1
<b>Total</b>			<b>0</b>	
<b>Unamortized premium on debt (251)</b>				
NONE				2
<b>Total</b>			<b>0</b>	

**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	752,008	1
<b>Changes during year (explain):</b>		
NONE		2
<b>Balance end of year</b>	<u>752,008</u>	

**BONDS (ACCT. 221)**

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

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
REVENUE BOND	09/26/2012	05/01/2032	1.93%	1,604,462	1
<b>Total Bonds (Account 221):</b>				<b>1,604,462</b>	

**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>Advances from Municipality (223)</b>					
GENERAL OBLIGATION NOTE	01/15/2005	10/18/2020	1.97%	158,382	1
<b>Total for Account 223</b>				<b>158,382</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	00/00/0000	00/00/0000	0.00%		2
<b>Total for Account 224</b>				<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	00/00/0000	00/00/0000	0.00%		3
<b>Total for Account 231</b>				<b>0</b>	

**TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)	
Balance first of year	0	1
<b>Accruals:</b>		
Charged water department expense	374,241	2
Charged electric department expense		3
Charged sewer department expense	6,564	4
<b>Other (explain):</b>		
NONE		5
<b>Total Accruals and other credits</b>	<b>380,805</b>	
<b>Taxes paid during year:</b>		
County, state and local taxes	354,736	6
Social Security taxes	24,697	7
PSC Remainder Assessment	1,372	8
<b>Other (explain):</b>		
NONE		9
<b>Total payments and other debits</b>	<b>380,805</b>	
<b>Balance end of year</b>	<b>0</b>	

**INTEREST ACCRUED (ACCT. 237)**

1. Report below interest accrued on each utility obligation.  
 2. Report Customer Deposits under Account 235.

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>					
9/26/12 REVENUE BOND	5,236	31,206	31,415	5,027	1
<b>Subtotal</b>	<b>5,236</b>	<b>31,206</b>	<b>31,415</b>	<b>5,027</b>	
<b>Advances from Municipality (223)</b>					
1/18/05 G.O. NOTE	2,896	3,063	3,476	2,483	2
<b>Subtotal</b>	<b>2,896</b>	<b>3,063</b>	<b>3,476</b>	<b>2,483</b>	
<b>Other Long-Term Debt (224)</b>					
NONE	0			0	3
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Notes Payable (231)</b>					
NONE	0			0	4
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>8,132</b>	<b>34,269</b>	<b>34,891</b>	<b>7,510</b>	

## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

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>Sinking Funds (125):</b>		
NONE		3
<b>Total (Acct. 125):</b>	<b>0</b>	
<b>Depreciation Fund (126):</b>		
NONE		4
<b>Total (Acct. 126):</b>	<b>0</b>	
<b>Other Special Funds (128):</b>		
NONE		5
<b>Total (Acct. 128):</b>	<b>0</b>	
<b>Special Deposits (134):</b>		
NONE		6
<b>Total (Acct. 134):</b>	<b>0</b>	
<b>Notes Receivable (141):</b>		
NONE		7
<b>Total (Acct. 141):</b>	<b>0</b>	
<b>Customer Accounts Receivable (142):</b>		
Water	342,737	8
Electric		9
Sewer (Regulated)		10
<b>Other (specify):</b>		
NONE		11
<b>Total (Acct. 142):</b>	<b>342,737</b>	
<b>Other Accounts Receivable (143):</b>		
Sewer (Non-regulated)		12
Merchandising, jobbing and contract work	3,576	13
<b>Other (specify):</b>		
NONE		14
<b>Total (Acct. 143):</b>	<b>3,576</b>	
<b>Receivables from Municipality (145):</b>		
TAX ROLL RECEIVABLES	42,828	* 15
<b>Total (Acct. 145):</b>	<b>42,828</b>	
<b>Prepayments (165):</b>		
NONE		16
<b>Total (Acct. 165):</b>	<b>0</b>	

**DETAIL OF OTHER BALANCE SHEET ACCOUNTS**

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		17
<b>Total (Acct. 182):</b>	<b>0</b>	
<b>Preliminary Survey and Investigation Charges (183):</b>		
NONE		18
<b>Total (Acct. 183):</b>	<b>0</b>	
<b>Clearing Accounts (184):</b>		
NONE		19
<b>Total (Acct. 184):</b>	<b>0</b>	
<b>Temporary Facilities (185):</b>		
NONE		20
<b>Total (Acct. 185):</b>	<b>0</b>	
<b>Miscellaneous Deferred Debits (186):</b>		
EARLY RET WRS- UAAL TO 2018 (AUTHORIZED BRUCE MANTHEY PSC LTR 1/05)	14,828	* 21
<b>Total (Acct. 186):</b>	<b>14,828</b>	
<b>Payables to Municipality (233):</b>		
NONE		22
<b>Total (Acct. 233):</b>	<b>0</b>	
<b>Other Deferred Credits (253):</b>		
Regulatory Liability	246,089	23
NONE		24
<b>Total (Acct. 253):</b>	<b>246,089</b>	

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## DETAIL OF OTHER BALANCE SHEET ACCOUNTS

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**Detail of Other Balance Sheet Accounts (Page F-22)**

**Miscellaneous Deferred Debits (Acct 186): amortization requires PSC authorization. Provide date of authorization.**

JANUARY 2005

**Please explain amounts in Accounts 143, 145 and/or 233 in excess of \$5,000, providing a short list or detail using other than terms such as "other revenues" "general" "miscellaneous" or repeating the account title.**

RECEIVABLES FROM MUNICIPALITY (145) Done

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## 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 contributed plant in service, 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 (101.1)	11,310,882	0	0	0	11,310,882	1
Materials and Supplies	31,111	0	0	0	31,111	2
<b>Other (specify):</b>						
NONE					0	3
<b>Less Average:</b>						
Reserve for Depreciation (111.1)	3,893,458	0	0	0	3,893,458	4
Customer Advances for Construction					0	5
Regulatory Liability	259,761	0	0	0	259,761	6
NONE					0	7
<b>Average Net Rate Base</b>	<b>7,188,774</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,188,774</b>	
 Net Operating Income	 (12,343)	 0	 0	 0	 (12,343)	 8
 <b>Net Operating Income as a percent of</b>						
<b>Average Net Rate Base</b>	<b>-0.17%</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>-0.17%</b>	

**REGULATORY LIABILITY - PRE-2003 HISTORICAL  
ACCUMULATED DEPRECIATION ON CONTRIBUTED UTILITY  
PLANT (253)**

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Balance First of Year	273,434	0	0	0	273,434	1
<b>Add credits during year:</b>						
NONE					0	2
<b>Deduct charges:</b>						
Miscellaneous Amortization (425)	27,345	0	0	0	27,345	3
<b>Other (specify):</b>						
NONE					0	4
<b>Balance End of Year</b>	<b>246,089</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>246,089</b>	

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## IMPORTANT CHANGES DURING THE YEAR

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Report changes of any of the following types:

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.

The rate increase effective December 1, 2013 is estimated to have increased revenues approximately 14 percent.

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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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**WATER OPERATING REVENUES & EXPENSES**

Particulars (a)	This Year (b)	Last Year (c)	
<b>Operating Revenues</b>			
<b>Sales of Water</b>			
Sales of Water (460-467)	1,378,740	1,270,474	1
<b>Total Sales of Water</b>	<b>1,378,740</b>	<b>1,270,474</b>	
<b>Other Operating Revenues</b>			
Forfeited Discounts (470 )	8,970	7,633	2
Rents from Water Property (472 )	84,036	81,231	3
Interdepartmental Rents (473 )	0	0	4
Other Water Revenues (474 )	10,566	17,233	5
<b>Total Other Operating Revenues</b>	<b>103,572</b>	<b>106,097</b>	
<b>Total Operating Revenues</b>	<b>1,482,312</b>	<b>1,376,571</b>	
<b>Operation and Maintenance Expenses</b>			
Source of Supply Expenses (600-605)	0	0	6
Pumping Expenses (620-625)	81,206	79,675	7
Water Treatment Expenses (630-635)	74,841	63,447	8
Transmission and Distribution Expenses (640-655)	358,814	186,436	9
Customer Accounts Expenses (901-906)	57,106	60,236	10
Sales Expenses (910 )	0	0	11
Administrative and General Expenses (920-935)	235,086	280,177	12
<b>Total Operation and Maintenance Expenses</b>	<b>807,053</b>	<b>669,971</b>	
<b>Other Operating Expenses</b>			
Depreciation Expense (403 )	313,361	301,788	13
Amortization Expense (404-407)		0	14
Taxes (408 )	374,241	342,646	15
<b>Total Other Operating Expenses</b>	<b>687,602</b>	<b>644,434</b>	
<b>Total Operating Expenses</b>	<b>1,494,655</b>	<b>1,314,405</b>	
<b>NET OPERATING INCOME</b>	<b>(12,343)</b>	<b>62,166</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. Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (Account 461).
5. Report average no. of individually-metered accounts (meters). The amount reported should be the average meter count. E.g., if a hospital has 5 meters, a total of 5 meters should be reported on this schedule in Average No. of Customers column.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
<b>Operating Revenues</b>				
<b>Sales of Water</b>				
<b>Unmetered Sales to General Customers (460)</b>				
Residential (460.1 )				1
Commercial (460.2 )	2	373	932	2
Industrial (460.3 )				3
Public Authority (460.4 )				4
Multifamily Residential (460.5 )				5
Irrigation (460.6 )				6
<b>Total Unmetered Sales to General Customers (460)</b>	<b>2</b>	<b>373</b>	<b>932</b>	
<b>Metered Sales to General Customers (461)</b>				
Residential (461.1 )	3,327	118,987	670,951	7
Commercial (461.2 )	388	43,880	174,181	8
Industrial (461.3 )	58	22,590	66,604	9
Public Authority (461.4 )	59	17,317	64,325	10
Multifamily Residential (461.5 )	39	11,655	43,818	11
Irrigation (461.6 )				12
<b>Total Metered Sales to General Customers (461)</b>	<b>3,871</b>	<b>214,429</b>	<b>1,019,879</b>	
Private Fire Protection Service (462 )	70		34,650	13
Public Fire Protection Service (463 )	3,872		323,279	14
Other Water Sales (465 )				15
Sales for Resale (466 )		0	0	16
Interdepartmental Sales (467 )				17
<b>Total Sales of Water</b>	<b>7,815</b>	<b>214,802</b>	<b>1,378,740</b>	

**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				1
Total		0	0	

**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 for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		1
<b>Other (specify):</b>		
Wholesale fire protection billed		2
Amount billed (usually per rate schedule F-1 or Fd-1)	323,279	3
NONE		4
<b>Total Public Fire Protection Service (463)</b>	<b>323,279</b>	
<b>Forfeited Discounts (470):</b>		
NONE		5
Customer late payment charges	8,970	6
<b>Other (specify):</b>		
<b>Total Forfeited Discounts (470)</b>	<b>8,970</b>	
<b>Rents from Water Property (472):</b>		
WATER TOWER RENT FOR ANTENNA SERVICE PROVIDERS	84,036	7
<b>Total Rents from Water Property (472)</b>	<b>84,036</b>	
<b>Interdepartmental Rents (473):</b>		
NONE		8
<b>Total Interdepartmental Rents (473)</b>	<b>0</b>	
<b>Other Water Revenues (474):</b>		
MISCELLANEOUS	4,468	9
WATER TURN ON CHARGE	1,945	10
Return on net investment in meters charged to sewer department	4,153	11
<b>Other (specify):</b>		
<b>Total Other Water Revenues (474)</b>	<b>10,566</b>	

## WATER OPERATION & MAINTENANCE EXPENSES

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

Particulars (a)	This Year (b)	Last Year (c)	
<b>SOURCE OF SUPPLY EXPENSES</b>			
Operation Labor (600)	0	0	1
Purchased Water (601)	0	0	2
Operation Supplies and Expenses (602)	0	0	3
Maintenance of Water Source Plant (605)	0	0	4
<b>Total Source of Supply Expenses</b>	<b>0</b>	<b>0</b>	
<b>PUMPING EXPENSES</b>			
Operation Labor (620)	13,864	17,281	5
Fuel for Power Production (621)	0	0	6
Fuel or Power Purchased for Pumping (622)	54,973	40,991	* 7
Operation Supplies and Expenses (623)	0	0	8
Maintenance of Pumping Plant (625)	12,369	21,403	* 9
<b>Total Pumping Expenses</b>	<b>81,206</b>	<b>79,675</b>	
<b>WATER TREATMENT EXPENSES</b>			
Operation Labor (630)	15,292	18,418	10
Chemicals (631)	31,672	23,452	* 11
Operation Supplies and Expenses (632)	10,911	8,289	12
Maintenance of Water Treatment Plant (635)	16,966	13,288	13
<b>Total Water Treatment Expenses</b>	<b>74,841</b>	<b>63,447</b>	
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>			
Operation Labor (640)	65,312	56,495	14
Operation Supplies and Expenses (641)	24,608	24,923	15
Maintenance of Distribution Reservoirs and Standpipes (650)	100,932	9,676	* 16
Maintenance of Mains (651)	109,444	38,649	* 17
Maintenance of Services (652)	44,883	29,771	* 18
Maintenance of Meters (653)	2,538	13,141	* 19
Maintenance of Hydrants (654)	3,361	4,164	20
Maintenance of Other Plant (655)	7,736	9,617	21
<b>Total Transmission and Distribution Expenses</b>	<b>358,814</b>	<b>186,436</b>	
<b>CUSTOMER ACCOUNTS EXPENSES</b>			
Meter Reading Labor (901)	6,534	6,722	22
Accounting and Collecting Labor (902)	46,263	48,812	23
Supplies and Expenses (903)	4,309	4,702	24
Uncollectible Accounts (904)	0	0	25

## WATER OPERATION & MAINTENANCE EXPENSES

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

Particulars (a)	This Year (b)	Last Year (c)	
<b>CUSTOMER ACCOUNTS EXPENSES</b>			
Customer Service and Information Expenses (906)		0	26
<b>Total Customer Accounts Expenses</b>	<b>57,106</b>	<b>60,236</b>	
<b>SALES EXPENSES</b>			
Sales Expenses (910)		0	27
<b>Total Sales Expenses</b>	<b>0</b>	<b>0</b>	
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>			
Administrative and General Salaries (920)	35,194	33,456	28
Office Supplies and Expenses (921)	43,553	61,890	* 29
Administrative Expenses Transferred--Credit (922)		0	30
Outside Services Employed (923)	15,572	20,303	31
Property Insurance (924)	8,481	8,159	32
Injuries and Damages (925)	7,769	8,749	33
Employee Pensions and Benefits (926)	110,705	121,510	34
Regulatory Commission Expenses (928)	125	11,315	* 35
Miscellaneous General Expenses (930)	4,310	5,326	36
Transportation Expenses (933)	9,222	6,174	37
Maintenance of General Plant (935)	155	3,295	38
<b>Total Administrative and General Expenses</b>	<b>235,086</b>	<b>280,177</b>	
<b>Total Operation and Maintenance Expenses</b>	<b>807,053</b>	<b>669,971</b>	

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## WATER OPERATION & MAINTENANCE EXPENSES

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

For values that represent an increase or a decrease when compared to the previous year of greater than 25%, but not less \$5,000, please explain.

Fuel or Power Purchased for Pumping (622) Pumped 34% more gallons in 2014 than 2013.

Maintenance of Pumping Plant (625) 2013 was the first full year of water treatment plant operation and involved additional payroll, as well as contractor support related to pumping plant.

Chemicals (631) Due to pumping 34% more gallons of water in 2014 than 2013.

Maintenance of Distribution Reservoirs and Standpipes (650) Water tower repainting.

Maintenance of Mains (651) Additional costs were incurred in 2014 due to water mains freezing during the winter.

Maintenance of Services (652) Additional costs incurred in 2014 due to service freezes.

Maintenance of Meters (653) Completed more meter maintenance projects in 2013 than 2014 due to more time spent on water main maintenance and meter maintenance is completed as necessary.

Office Supplies and Maintenance (921) Change due to a reduction in internet and computer expenses.

Regulatory Commission Expenses (928) The 2013 expenses included a water rate increase study of \$8,100, in addition to PSC costs.

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**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)	This Year (c)	Last Year (d)	
Property Tax Equivalent		354,736	326,026	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		6,564	6,037	2
<b>Net property tax equivalent</b>		<b>348,172</b>	<b>319,989</b>	
Social Security		24,697	21,413	3
PSC Remainder Assessment		1,372	1,244	4
Other (specify): NONE			0	5
<b>Total tax expense</b>		<b>374,241</b>	<b>342,646</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 (total of utility financed and contributed plant), property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Lincoln				1
<b>SUMMARY OF TAX RATES</b>							
State tax rate	mills		0.148183				2
County tax rate	mills		5.096618				3
Local tax rate	mills		13.519575				4
School tax rate	mills		8.984371				5
Voc. school tax rate	mills		1.063591				6
Other tax rate - Local	mills		0.000000				7
Other tax rate - Non-Local	mills		0.000000				8
<b>Total tax rate</b>	<b>mills</b>		<b>28.812338</b>				9
Less: state credit	mills		1.339003				10
<b>Net tax rate</b>	<b>mills</b>		<b>27.473335</b>				11
<b>PROPERTY TAX EQUIVALENT CALCULATION</b>							
Local Tax Rate	mills		13.519575				12
Combined School Tax Rate	mills		10.047962				13
Other Tax Rate - Local	mills		0.000000				14
<b>Total Local &amp; School Tax</b>	<b>mills</b>		<b>23.567537</b>				15
<b>Total Tax Rate</b>	<b>mills</b>		<b>28.812338</b>				16
Ratio of Local and School Tax to Total	dec.		0.817967				17
<b>Total tax net of state credit</b>	<b>mills</b>		<b>27.473335</b>				18
<b>Net Local and School Tax Rate</b>	<b>mills</b>		<b>22.472277</b>				19
Utility Plant, Jan. 1	\$	13,752,881	13,752,881				20
Materials & Supplies	\$	30,348	30,348				21
<b>Subtotal</b>	<b>\$</b>	<b>13,783,229</b>	<b>13,783,229</b>				22
Less: Plant Outside Limits	\$	0	0				23
<b>Taxable Assets</b>	<b>\$</b>	<b>13,783,229</b>	<b>13,783,229</b>				24
Assessment Ratio	dec.		1.145267				25
<b>Assessed Value</b>	<b>\$</b>	<b>15,785,477</b>	<b>15,785,477</b>				26
<b>Net Local &amp; School Rate</b>	<b>mills</b>		<b>22.472277</b>				27
<b>Tax Equiv. Computed for Current Year</b>	<b>\$</b>	<b>354,736</b>	<b>354,736</b>				28
<b>Tax Equivalent per 1994 PSC Report</b>	<b>\$</b>	<b>56,160</b>					29
Any lower tax equivalent as authorized by municipality (see note 6)	\$						30
<b>Tax equiv. for current year (see note 6)</b>	<b>\$</b>	<b>354,736</b>					31
Footnotes							32

**WATER UTILITY PLANT IN SERVICE**  
**--Plant Financed by Utility or Municipality--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) 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. If applicable, provide construction authorization.
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)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	0				0	7
Wells and Springs (314)	239,849				239,849	8
Supply Mains (316)	0				0	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>239,849</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239,849</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	14,856				14,856	11
Structures and Improvements (321)	161,022				161,022	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	175,522				175,522	14
Diesel Pumping Equipment (326)	0				0	15
Other Pumping Equipment (328)	17,069				17,069	16
<b>Total Pumping Plant</b>	<b>368,469</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>368,469</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	0				0	17
Structures and Improvements (331)	821				821	18
Sand or Other Media Filtration Equipment (332)	1,355,668				1,355,668	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>1,356,489</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,356,489</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	20,465				20,465	22
Structures and Improvements (341)	4,251				4,251	23
Distribution Reservoirs and Standpipes (342)	333,690				333,690	24
Transmission and Distribution Mains (343)	6,134,056	284,820	72,380		6,346,496	25
Services (345)	378,125	44,000	217		421,908	26
Meters (346)	510,084	14,828	14,000		510,912	27
Hydrants (348)	634,441	12,500	302		646,639	28

### WATER UTILITY PLANT IN SERVICE --Plant Financed by Utility or Municipality--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) should be reported in Column (f), Adjustments.
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3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000. If applicable, provide construction authorization.
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)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>8,015,112</b>	<b>356,148</b>	<b>86,899</b>	<b>0</b>	<b>8,284,361</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	0				0	30
Structures and Improvements (390)	574,856				574,856	31
Office Furniture and Equipment (391)	57,853				57,853	32
Computer Equipment (391.1)	242,720	30,585			273,305	33
Transportation Equipment (392)	153,926				153,926	34
Stores Equipment (393)	1,413				1,413	35
Tools, Shop and Garage Equipment (394)	46,435				46,435	36
Laboratory Equipment (395)	1,420				1,420	37
Power Operated Equipment (396)	20,609				20,609	38
Communication Equipment (397)	0				0	39
SCADA Equipment (397.1)	59,664	7,038			66,702	40
Miscellaneous Equipment (398)	18,631				18,631	41
<b>Total General Plant</b>	<b>1,177,527</b>	<b>37,623</b>	<b>0</b>	<b>0</b>	<b>1,215,150</b>	
<b>Total utility plant in service directly assignable</b>	<b>11,157,446</b>	<b>393,771</b>	<b>86,899</b>	<b>0</b>	<b>11,464,318</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>11,157,446</b>	<b>393,771</b>	<b>86,899</b>	<b>0</b>	<b>11,464,318</b>	

## WATER UTILITY PLANT IN SERVICE

### --Plant Financed by Contributions--

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) 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. If applicable, provide construction authorization.
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)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>INTANGIBLE PLANT</b>						
Organization (301)	0				0	1
Franchises and Consents (302)	0				0	2
Miscellaneous Intangible Plant (303)	0				0	3
<b>Total Intangible Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SOURCE OF SUPPLY PLANT</b>						
Land and Land Rights (310)	0				0	4
Structures and Improvements (311)	0				0	5
Collecting and Impounding Reservoirs (312)	0				0	6
Lake, River and Other Intakes (313)	0				0	7
Wells and Springs (314)	0				0	8
Supply Mains (316)	0				0	9
Other Water Source Plant (317)	0				0	10
<b>Total Source of Supply Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>PUMPING PLANT</b>						
Land and Land Rights (320)	0				0	11
Structures and Improvements (321)	0				0	12
Other Power Production Equipment (323)	0				0	13
Electric Pumping Equipment (325)	0				0	14
Diesel Pumping Equipment (326)	0				0	15
Other Pumping Equipment (328)	0				0	16
<b>Total Pumping Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>WATER TREATMENT PLANT</b>						
Land and Land Rights (330)	0				0	17
Structures and Improvements (331)	0				0	18
Sand or Other Media Filtration Equipment (332)	235,552				235,552	19
Membrane Filtration Equipment (333)	0				0	20
Other Water Treatment Equipment (334)	0				0	21
<b>Total Water Treatment Plant</b>	<b>235,552</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235,552</b>	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Land and Land Rights (340)	0				0	22
Structures and Improvements (341)	0				0	23
Distribution Reservoirs and Standpipes (342)	1,105				1,105	24
Transmission and Distribution Mains (343)	1,631,415		19,250		1,612,165	25
Services (345)	668,246	4,000		123	672,123	26
Meters (346)	0				0	27
Hydrants (348)	33,812	5,000		16	38,796	28

**WATER UTILITY PLANT IN SERVICE  
--Plant Financed by Contributions--**

1. All adjustments, corrections and reclassifications (including to/from plant financed by contributions) 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. If applicable, provide construction authorization.
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)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
<b>TRANSMISSION AND DISTRIBUTION PLANT</b>						
Other Transmission and Distribution Plant (349)	0				0	29
<b>Total Transmission and Distribution Plant</b>	<b>2,334,578</b>	<b>9,000</b>	<b>19,389</b>	<b>0</b>	<b>2,324,189</b>	
<b>GENERAL PLANT</b>						
Land and Land Rights (389)	0				0	30
Structures and Improvements (390)	0				0	31
Office Furniture and Equipment (391)	0				0	32
Computer Equipment (391.1)	0				0	33
Transportation Equipment (392)	0				0	34
Stores Equipment (393)	0				0	35
Tools, Shop and Garage Equipment (394)	0				0	36
Laboratory Equipment (395)	0				0	37
Power Operated Equipment (396)	0				0	38
Communication Equipment (397)	0				0	39
SCADA Equipment (397.1)	0				0	40
Miscellaneous Equipment (398)	0				0	41
<b>Total General Plant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total utility plant in service directly assignable</b>	<b>2,570,130</b>	<b>9,000</b>	<b>19,389</b>	<b>0</b>	<b>2,559,741</b>	
Common Utility Plant Allocated to Water Department (300)	0				0	42
<b>Total utility plant in service</b>	<b>2,570,130</b>	<b>9,000</b>	<b>19,389</b>	<b>0</b>	<b>2,559,741</b>	

**SOURCES OF WATER SUPPLY - STATISTICS**

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

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			30,118	30,118	1
February			38,942	38,942	2
March			49,650	49,650	3
April			38,799	38,799	4
May			36,332	36,332	5
June			30,253	30,253	6
July			27,267	27,267	7
August			27,045	27,045	8
September			25,419	25,419	9
October			27,016	27,016	10
November			24,855	24,855	11
December			26,524	26,524	12
<b>Total annual pumpage</b>	<b>0</b>	<b>0</b>	<b>382,220</b>	<b>382,220</b>	

## WATER AUDIT AND OTHER STATISTICS

1. Report actual metered values where possible. If water uses are not metered, estimate values for each line based on best available information. Water entering distribution system must equal the sum of Sales (line 5), Authorized System Uses (line 12) and Water Losses (line 19). For assistance, see AWWW M36 Manual - Water Audits and Loss Control Programs.
2. For Gallons used in the treatment process (line 3), estimate water used in production including filter backwash, pumps, and other utility uses before the point of entry to the distribution system.
3. For Gallons used for other system uses (line 11), report other unmetered water used for system operation and maintenance, water used for non-regulated sewer utility and all other unmetered usage that is known to occur and does not fall into one of the other categories listed under Water Usage.
4. For Gallons unknown/not accounted for, estimate the volume of water losses due to other real or apparent losses, including customer meter inaccuracies, data errors, and unknown volumes. Unknown/unaccounted for volumes should be minimized to the extent possible.

WATER AUDIT STATISTICS		1
Source of Water Supply Statistics - Total Annual Pumpage (000's):	382,220	2
Less: Gallons (000's) used in the treatment process:	5,174	3
Subtotal: Gallons (000's) entering distribution system:	377,046	4
Less: Gallons (000's) sold (Revenue Water):	214,802	5
Gallons (000's) entering distribution system but not sold (Non-Revenue Water):	162,244	6
Authorized System Uses:		7
Gallons (000's) used to flush mains:	6,819	8
Gallons (000's) used for fire protection:	146	9
Gallons (000's) used to prevent freezing of distribution system:	47,712	10
Gallons (000's) used for other system uses:	2,602	11
Subtotal Authorized System Uses:	57,279	12
Water Losses (Real and Apparent):		13
Gallons (000's) lost due to main leaks or breaks:	22,400	14
Gallons (000's) lost due to service leaks or breaks:	8,350	15
Gallons (000's) lost due to hydrant leaks, tank overflows and pressure reducing valves:	0	16
Gallons (000's) for unauthorized usage such as vandalism and theft:		17
Gallons (000's) unknown/not accounted for:	74,215	18
Subtotal Water Losses:	104,965	19
Percentage of water entering distribution system sold:	57%	20
Percentage of Real and Apparent Losses:	28%	21
If water losses exceed 15%, indicate causes:		22
Water main breaks and a running water order due to the winter weather experienced in 2014.		23
		24
If water losses exceed 15%, identify actions taken to reduce water loss:		25
With a warmer winter, water loss will decrease due to not having running water orders as much in 2015 compared to 2014.		26
		27

**WATER AUDIT AND OTHER STATISTICS (cont.)**

<b>OTHER STATISTICS</b>		<b>28</b>
Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)	1,849	29
Date of maximum:	02/28/2014	30
Cause of maximum: Water main break, service leak, water use to prevent freezing.		31
		32
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)	661	33
Date of minimum:	11/29/2014	34
Total KWH used by the utility (include pumping, treatment facilities and other utility operations):	448,858	35
If water is purchased:		36
Vendor Name:		37
Point of Delivery:		38
What percentage of purchased water is surface water?		39
Number of main breaks repaired this year:	19	40
Number of service breaks repaired this year:	20	41
Population served (estimate the number of individuals within service area):		42
Inside municipality?	9,661	43
Outside municipality?		44

**SOURCES OF WATER SUPPLY - GROUND WATERS**

Description (a)	WDNR Unique Well Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
WELL 4	BG 206	125	16	355,310	Yes	1
WELL 1	SB773	116	16	67,282	Yes	2
WELL 3	BG205	79	16	35,710	Yes	3
WELL 5	BG207	120	20	588,877	Yes	4

**SOURCES OF WATER SUPPLY - SURFACE WATERS**

Description (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	3	1
Location	MEMORIAL & STURDEVENT	MEMORIAL AND STURDEVENT	OREGON AND WATER	2
Purpose	S	P	P	3
Destination	T	T	D	4
Pump Manufacturer		GOULDS	LAYNE	5
Year Installed		2012	1948	6
Type		SUBMERSIBLE	CENTRIFUGAL	7
Actual Capacity (gpm)		635	403	8
Pump Motor or Standby Engine Mfr	CUMMINS	HITACHI	U.S.	9 10
Year Installed	2012	2012	1997	11
Type	DIESEL	ELECTRIC	ELECTRIC	12
Horsepower	200	50	25	13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	4	4	5	15
Location	EAST MAIN AND PEARL	EAST MAIN AND PEARL	THIELMANN AND GEM	16
Purpose	S	P	P	17
Destination	T	T	T	18
Pump Manufacturer		LAYNE	LAYNE	19
Year Installed		1960	1975	20
Type		CENTRIFUGAL	CENTRIFUGAL	21
Actual Capacity (gpm)		1,200	1,853	22
Pump Motor or Standby Engine Mfr	CONTINENTAL	U.S.	LAYNE	23 24
Year Installed	1960	1991	1975	25
Type	NATURAL GAS	ELECTRIC	ELECTRIC	26
Horsepower	50	100	150	27
Footnotes				28

### 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	5	SOUTH CENTER BOOSTER		1
Location	THIELMAN AND GEM		SOUTH CENTER AVENUE	2
Purpose	S	B		3
Destination	T	D		4
Pump Manufacturer	DEMING			5
Year Installed	1996			6
Type	CENTRIFUGAL			7
Actual Capacity (gpm)	310			8
Pump Motor or Standby Engine Mfr	CUMMINS	CUMMINS STANDBY		10
Year Installed	2012	1996		11
Type	DIESEL	NATURAL GAS		12
Horsepower	150	50		13
Footnotes				14

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				15
Location				16
Purpose				17
Destination				18
Pump Manufacturer				19
Year Installed				20
Type				21
Actual Capacity (gpm)				22
Pump Motor or Standby Engine Mfr				23
Year Installed				24
Type				25
Horsepower				26
Footnotes				27
				28

## RESERVOIRS, STANDPIPES AND ELEVATED TANKS

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. For primary material, use earthen, steel, concrete or other.
4. 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.

Description (a)	Identification Number (b)	Year Constructed (c)	Type (d)	Primary Material (e)	Elevation Difference in Feet (f)	Total Capacity in Gallons (g)	
East Street Tower	A	1947	ET	STEEL	165	200000	1
Taylor Street Tower	B	1979	ET	STEEL	175	200000	2

### WATER TREATMENT PLANT

1. Provide a generic description for (a). Do not give specific address or location.
2. Please select all that apply for (d) and (e). If Other is selected please explain in Notes (h).
3. Please identify the point of application for each treatment plant for (g). For example, please list each well or central treatment facility served by this unit.

Unit Description (a)	Year Constructed (b)	Rated Capacity (mgd) (c)	Disinfection (d)	Other (e)	Fluoridated (f)	Point of Application (g)	
A	1948	0	<input type="checkbox"/> Ultraviolet Light <input checked="" type="checkbox"/> Liquid Chlorine <input type="checkbox"/> Gas Chlorine <input type="checkbox"/> Other <input type="checkbox"/> None	<input type="checkbox"/> Sand <input type="checkbox"/> Reverse Osmosis <input type="checkbox"/> Microfilter <input type="checkbox"/> Iron and Manganese <input checked="" type="checkbox"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	WELLHOUSE	1
Notes: Ortho-Phosphate (Aqua Mag)							
B	2012	2	<input type="checkbox"/> Ultraviolet Light <input checked="" type="checkbox"/> Liquid Chlorine <input type="checkbox"/> Gas Chlorine <input type="checkbox"/> Other <input type="checkbox"/> None	<input type="checkbox"/> Sand <input type="checkbox"/> Reverse Osmosis <input type="checkbox"/> Microfilter <input checked="" type="checkbox"/> Iron and Manganese <input checked="" type="checkbox"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	Treatment Plant	2
Notes: Ortho-Phosphate (Aqua Mag)							

### 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.

Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	Number of Feet			Adjustments Increase or (Decrease) (g)	End of Year (h)	
			First of Year (d)	Added During Year (e)	Retired During Year (f)			
M	D	0.750	464			(464)	0	* 1
L	D	1.000	75			(75)	0	* 2
M	D	1.000	981			(981)	0	* 3
M	D	1.500	0			434	434	* 4
M	D	2.000	24,526		295		24,231	5
M	D	4.000	587				587	6
M	D	5.000	250				250	7
M	D	6.000	145,840	295	2,005		144,130	8
P	D	6.000	440		130		310	9
M	D	8.000	91,768	635			92,403	10
P	D	8.000	0	1,600			1,600	11
M	D	10.000	45,918				45,918	12
M	D	12.000	66,511				66,511	13
M	T	12.000	2,056				2,056	14
M	D	16.000	7,826				7,826	15
<b>Total Within Municipality</b>			<b>387,242</b>	<b>2,530</b>	<b>2,430</b>	<b>(1,086)</b>	<b>386,256</b>	
<b>Total Utility</b>			<b>387,242</b>	<b>2,530</b>	<b>2,430</b>	<b>(1,086)</b>	<b>386,256</b>	

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## WATER MAINS

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**Water Mains (Page W-21)**

If Added During Year column total is greater than zero, please explain financing following the criteria listed in the schedule headnote No. 5.

Water main additions are financed by utility operations.

Explain all reported Adjustments.

Adjustments are to report the actual mains footage. Difference discovered with new GIS equipment.

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**WATER SERVICES**

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

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	2,618	1	6		2,613	49	1
L	0.750	34			(9)	25	8	* 2
M	1.000	1,110	18			1,128	98	3
L	1.000	4				4	1	4
M	1.250	16		1		15	1	5
M	1.500	102		1		101	13	6
P	2.000	4				4		7
M	2.000	94	2			96	6	8
M	3.000	3	1			4		9
P	4.000	1				1		10
M	4.000	29				29	3	11
M	6.000	34		1		33	1	12
P	6.000	1	1			2		13
M	8.000	50	1			51	14	14
M	10.000	4				4		15
M	12.000	1				1		16
<b>Total Utility</b>		<b>4,105</b>	<b>24</b>	<b>9</b>	<b>(9)</b>	<b>4,111</b>	<b>194</b>	

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## WATER SERVICES

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**Water Services (Page W-22)**

**Explain all reported Adjustments.**

**ADJUSTMENTS ARE TO RECORD SERVICES AT ACTUAL.**

**If net additions are greater than zero, please explain financing by following criteria listed in schedule headnote No. 3.**

**THE UTILITY FINANCED 22 OF THE NEW SERVICES WHILE 2 OF THE NEW SERVICES WERE CONTRIBUTED BY A DEVELOPER.**

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### 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.

**Number of Utility-Owned Meters**

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments (e) Increase or (Decrease)	End of Year (f)	Tested During Year (g)	
0.625	3,468	40	128	(32)	3348	340	1
0.750	220	55	5	32	302	25	2
1.000	99	4	0		103	8	3
1.250	0				0	0	4
1.500	47		2		45	10	5
2.000	78	2	5		75	18	6
3.000	17	1			18	0	7
4.000	3				3	0	8
6.000	1				1	0	9 *
<b>Total:</b>	<b>3,933</b>	<b>102</b>	<b>140</b>	<b>0</b>	<b>3895</b>	<b>401</b>	

1) Indicate your residential meter replacement schedule:

- Meters tested once every 10 years and replaced as needed
- All meters replaced within 20 years of installation
- Other schedule as approved by PSC

2) Indicate the method(s) used to read customer meters (select all that apply):

- Manually - remote register
- Manually - inside the premises
- Radio Frequency - drive or walk-by technology
- Radio Frequency - fixed network or other automatic infrastructure (AMI)
- Other

**METERS (cont.)**

4. Totals by size in Column (f) should equal same size totals in Column (o).  
 5. Explain all reported adjustments as a schedule footnote.  
 6. Do not include station meters in the meter inventory used to complete these tables.

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

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Multifamily Residential (m)	Irrigation (n)	Wholesale (o)	Inter-D or Utility Use (p)	In Stock and Deduct Meters (q)	Total (r)	
0.625	3,089	221	15	9	2	0	0	0	12	3348	1
0.750	200	61	13	6	2	0	0	0	20	302	2
1.000	15	52	13	6	7	0	0	0	10	103	3
1.250	0	0	0	0	0	0	0	0	0	0	4
1.500	1	20	6	2	13	0	0	0	3	45	5
2.000	0	31	9	14	14	0	0	0	7	75	6
3.000	0	6	1	5	1	0	0	0	5	18	7
4.000	0	0	0	3	0	0	0	0	0	3	8
6.000	0	0	0	1	0	0	0	0	0	1 *	9
<b>Total:</b>	<b>3,305</b>	<b>391</b>	<b>57</b>	<b>46</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>3895</b>	

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## METERS

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### Meters (Page W-23)

Explain program for replacing or testing meters 1" or smaller.

METERS ARE TESTED ONCE EVERY 10 YEARS, AND REPLACED AS NEEDED WITHIN 20 YEARS.

Ss. PSC 185.83(2) states "Station meters shall be maintained to ensure reasonable accuracy and shall have the accuracy checked at least once every 2 years." Are all station meters being tested every two years? Answer yes or no. If no, please explain.

YES.

If 6-inch or larger meters in commercial, industrial or public authority classifications have not been tested, please explain.

THE 6" METER WAS NOT TESTED IN 2014. IT WAS TESTED IN 2013, AND WILL BE TESTED IN 2015.

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**METERS (cont.)**

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## 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				0	1
Within Municipality	572	7	2	24	601	* 2
<b>Total Fire Hydrants</b>	<b>572</b>	<b>7</b>	<b>2</b>	<b>24</b>	<b>601</b>	
<b>Flushing Hydrants</b>						
	2				2	3
<b>Total Flushing Hydrants</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	

**NR810.13 System maintenance states: All distribution system valves shall be exercised a minimum of every 2-5 years. Please provide the number operated during the year.**

Number of hydrants operated during year:	164
Number of distribution system valves end of year:	2,047
Number of distribution valves operated during year:	930

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## HYDRANTS AND DISTRIBUTION SYSTEM VALVES

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Hydrants and Distribution System Valves (Page W-25)

Explain all reported Adjustments.

ADJUSTMENTS ARE TO REPORT HYDRANTS AT ACTUAL.

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**LIST OF ALL STATION AND WHOLESALE METERS**

1. Definition of Station Meter is any meter in service not used to measure customer consumption.
2. Definition of Wholesale Meter is any meter used to measure sales to other utilities for retail or wholesale sales.
3. Retail customer meters should not be included in this inventory and conversely these station and wholesale meters should not be included in the customer meter inventory.

Purpose (a)	Size (in.) of Meter (b)	Location or Description (c)	Type (d)	Date of Last Meter Test (e)	
Station Meter	6	Well #1	Magnetic	6/2/2014	1
Station Meter	6	Well #3	Turbine	6/2/2014	2
Station Meter	8	Well #4	Magnetic	6/2/2014	3
Station Meter	10	Well #5	Magnetic	6/2/2014	4
Station Meter	12	Treatment Influent	Magnetic	6/2/2014	5
Station Meter	12	Treatment Effluent	Magnetic	6/2/2014	6

## WATER CONSERVATION PROGRAMS

1. List all water conservation-related expenditures for the reporting year. Include administrative costs, customer outreach and education, other program costs, and payments for rebates and other customer incentives.
2. If the Commission has approved conservation program expenses, these should be charged to Account 186. Otherwise, these expenses are reported in Account 906 on ScheduleW-05 (Account 691 for class D utilities).

Item (a)	Expenditures (b)	Number of Rebates (c)
<b>Administrative and General Expenses</b>		
Program Administration		1
Customer Outreach & Education		2
Other Program Costs		3
<b>Subtotal Administrative and General Expenses</b>	<b>0</b>	
<b>Customer Incentives</b>		
Residential Toilets		4
Multifamily/Commercial Toilets		5
Faucets		6
Showerheads		7
Clothes Washers		8
Dishwashers		9
Cost Sharing Projects (Nonresidential Customers)		10
Other Incentives		11
<b>Subtotal Customer Incentives</b>	<b>0</b>	
<b>Total Conservation Expenditures</b>	<b>0</b>	

### WATER CUSTOMERS SERVED

List the number of customer accounts in each municipality for which your utility provides retail general service. Do not include wholesale customers or fire protection accounts.

Location (a)	Customers End of Year (b)
Lincoln County	
Cities	
MERRILL	3,872
<b>Total Cities:</b>	<b>3,872</b>
<b>Total Lincoln County:</b>	<b>3,872</b>
 <b>Total Company:</b>	 <b>3,872</b>

## REQUEST TO INCLUDE ITEM ON AGENDA

Board or Committee: Water & Sewage Committee  
Date of Meeting: Wednesday, April 29<sup>th</sup>, 2015  
Request by: Kathy Unertl, Finance Director

Describe below the item(s) you wish to have put on the agenda:  
(please attach any pertinent information)

### Consider Water Simplified Rate Case Application to Public Service Commission (PSC)

Given the severe 2013-14 winter, the Merrill Water Utility ended with negative Net Operating Income – (\$12,343). So instead of the projected 2.5% positive rate of return, it ended up negative 0.17%.

City is eligible for 3.0% water simplified rate increase –see draft simplified rate case application. Process timeframes:

- Water & Sewage Disposal Committee – 4/29/2015
- Merrill Common Council – 5/12/2015
- Submit to Wisconsin PSC and publish notice in Merrill Courier – 5/15/2015
- Proposed water rate adjustment as of July 1<sup>st</sup>, 2015

Signed: \_\_\_\_\_

*Kathy Unertl*

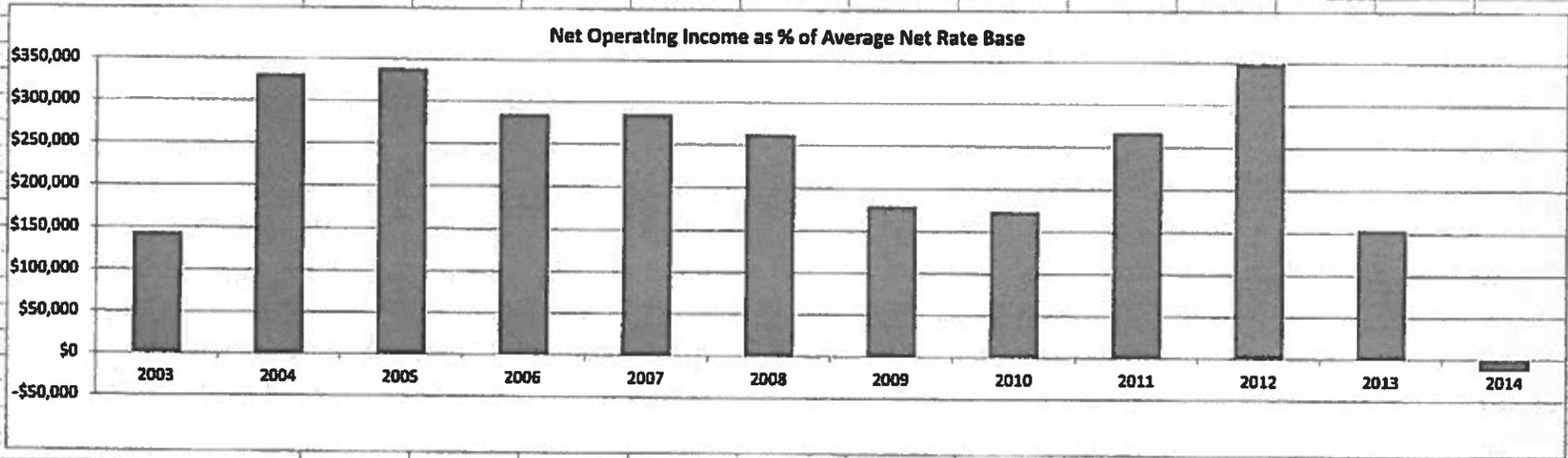
4/20/2015

**City of Merrill Water Utility**

Note: For 2014, Wisconsin Public Service projected 2.5% after the 12/31/2013 rate increase.

**PSC Return on Rate Base Computation Summary**

	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Actual
Net Operating Income	\$143,937	\$330,830	\$338,442	\$285,017	\$286,121	\$262,593	\$179,339	\$173,809	\$267,118	\$348,541	\$153,994	(\$12,343)
Net Operating Income as % of Ave. Net Rate Base	2.78%	6.31%	6.39%	5.37%	5.24%	4.70%	3.27%	3.19%	4.90%	2.28%	2.43%	-0.17%
% Change From Previous Year	1.98%	3.53%	0.08%	-1.02%	-0.13%	-0.54%	-1.43%	-0.08%	1.71%	-2.62%	0.15%	-2.60%



There was a major Water Rate increase implemented during 2003. A 14% Water Rate increase was implemented effective January 1st, 2011.

There was a 3.25% Simplified Water Rate adjustment effective August 1st, 2012 as first step for paying for major water treatment improvements.

The Wisconsin Public Service Commission (PSC) approved about 10% Water Rate increase effective December 1st, 2013 related to water treatment improvements. However, severe 2013-14 winter conditions included community-wide running water, significant overtime to thaw services/mains, and numerous water main repairs.

## Simplified Rate Case Application - Water Class: C

### 3610 - Merrill Water Utility

Public Service Commission of Wisconsin  
P.O. Box 7854  
Madison, WI 53707-7854

(filing this form out is in accordance with Wis.Stat196.193)  
3011(11/22/2004)

Preparer Name: **JOHN A MAYER**

Preparer Phone Number: **414-352-9026**

Preparer Email Address: **mayerklimt47@gmail.com**

Date Application will be filed with the PSC: **5/15/2015**

**Notice**

Date to be Mailed/Published: **5/15/2015**

Newspaper Name: **Merrill Courier**

Rate Effective Date: **7/1/2015**

	Annual Report Information	Page	
1	Total sales of water	W-1	\$1,378,740
2	Rate increase factor		3.0%
3	Line 1 times Line 2		\$41,362
4	Net operating income (Oper.Revenues - Oper.Expenses)	W-1	-\$12,343
5	Adjusted Total Operating Income (Line 3 plus Line 4)		\$29,019
6	Average net rate base Water Utility	F-23	\$7,188,774
7	Line 5 divided by Line 6		.4%
8	Test 1 - Financial Eligibility Qualifies *		YES
9	Adjusted operating income from Line 5	Above	
10	Total Operation & Maintenance (O&M) expense (600 and 900 accounts only)	W-1	
11	Line 9 divided by Line 10		
12	Test 2 - Financial Eligibility Qualifies **		

\* Eligible, if line 7 is equal to or less than 5.9%

\*\* Eligible, if line 11 is equal to or less than 6.0%

### Historical Check

Effective Date of Last Full Rate Case: **12/1/2013**

Rates from last full rate case in effect for one full calendar year. **TRUE**

If Class AB, not more than 5 year since last full rate case. **NA**

Effective Date of Last SRC: **8/1/2012**

Rate from last SRC in effect for one year (12 months). **TRUE**

**Water Meter Rates**

5/8" meter rate at last full rate case: **20.50**

Current 5/8" meter rate: **20.50**

If Class C or D, new cumulative rate less than 40% higher than last full rate case. **TRUE**

**Notice of Rate Increase  
Water Customer of the Merrill Water Utility**

This is to give you notice that the Merrill Water Utility will file an application on May 15, 2015, with the Public Service Commission of Wisconsin (PSC), for authority to increase water rates. Rates for general service will increase 3 percent. The increase is necessary to reduce the existing deficiency in present rates. The request is being made under Wis. Stat. 196.193. Rate increases granted under this statute do not require a public hearing. The effect of the increase for some selected customers is shown below. Public Fire Protection and Wholesale rates (if applicable) will also increase 3 percent.

<b>Customer Classification</b>	<b>Meter Size</b>	<b>Cubic Feet</b>	<b>Existing Quarterly Rate</b>	<b>Revised Quarterly Rate</b>
Average Residential	5/8"	1,500	\$56.95	\$58.62
Large Residential	3/4"	2,400	\$78.82	\$81.12
Commercial	1"	19,500	\$438.20	\$451.23
Public Authority	1 1/2"	30,000	\$668.20	\$688.13
Industrial	2"	60,000	\$1298.20	\$1337.03

This rate increase will go into effect on July 1, 2015

If you have any questions about the rate increase request, call the Merrill Water Utility at (715) 536-5594.



**CITY OF MERRILL**  
City Administrator

**David Johnson, City Administrator**  
1004 East First Street  
Merrill, Wisconsin 54452  
Phone (715) 536-5594  
FAX (715) 539-2668  
e-mail: David.Johnson@ci.merrill.wi.us

To: Water & Sewer Committee  
Subject: Approval for engineering services

Merrill Utilities needs to replace a water line that runs under the Prairie River behind the T.B. Scott Library which will require directional boring the line under the river. A second project is upgrading utilities under 7<sup>th</sup> St. from Lake St. to Elm St. and associated street reconstruction.

Pricing for engineering design work was requested from, and submitted by, Clark Dietz, Rod Akey Engineering Service, and Becher-Hoppe. The price from Rod Akey was significantly less than that received from the other two firms.

It is my recommendation, and that of Kim Kriewald and Dick Lupton, that the design work for these two projects be awarded to Akey Engineering Services at the price indicated on the attached proposal.

David Johnson  
City Administrator

Cc: Kim Kriewald  
Dick Lupton

**AKEY ENGINEERING SERVICE, LLC**

N2062 Cain Creek Rd.  
Merrill, WI 54452  
(715) 297-2034  
[akevrod@reagan.com](mailto:akevrod@reagan.com)

March 25, 2015

City of Merrill  
David Johnson, City Administrator  
1004 E. First St.  
Merrill, WI 54452

**Re: Proposal for Engineering & Design Services  
City of Merrill, Street and Utility Improvements 2015  
-Water line boring under Prairie River behind TB Scott Library  
-Seventh Street, Elm Street to Lake Street, utility upgrade and associated  
street reconstruction.**

The following information and cost proposals are for the above mentioned projects:

**Proposals:**

**Water Line Boring under Prairie River behind TB Scott Library**

- 1) Preliminary Engineering
- 2) Final Design
- 3) Preparation of construction bid documents Total= \$6,500.00

**Seventh Street, Elm Street to Lake Street, Utility upgrade and associated  
street reconstruction.**

- 1) Preliminary Engineering
- 2) Final Design
- 3) Preparation of construction bid documents Total= \$7,500.00

If you need any additional information or have questions, please contact me at the telephone number listed above.

Sincerely,

*Roderick J. Akey*

Roderick J. Akey, PE

AES













## Operations Report

- Started gathering data for the annual CMAR- Compliance Maintenance Annual Report. This is a performance report card for the wastewater plant.
- We have gotten a good start on system cleaning of the sanitary sewer collection system. We like to complete about 33% of the system per year.
- We have repaired a couple of water main breaks, one at 3<sup>rd</sup> and Hope Street and the other just south of E. 7<sup>th</sup> Street on Chestnut Street. Both were 2" lines. Repaired service leak on East Street. Since the beginning of the year there have been 7 service leaks and 3 main line water breaks.
- Routine meter changes continue.
- Operators did a check of the river crossing water lines, everything is in good condition. The metal surrounding the insulation on the unused line crossing the Prairie River on N. Center Ave. needs some attention.
- Can now use an I-Pad to view the map and document and report the cleaning and repair maintenance of the sanitary sewers. The water and storm sewers maps are to follow.
- Have been sending the operators to continuing education classes and certification classes. Various classes will be continuing thru May.
- Had meeting with Strand to start operation needs review project. Plan to have everything completed and have a report for us by October 1<sup>st</sup>.
- Mechanical seals have been replaced in 2 out of 3 RAS pumps at the WWTP. These pumps are over 40 years old and because of other existing problems I ordered 2 new pumps. The old pump casings had been repaired and welded decades ago making adjustments difficult because of the uneven wear. The cost for these pumps will be paid from the sewage replacement fund.
- Planning to do spring hydrant flushing and routine maintenance the week of May 18th thru the 22<sup>nd</sup> and the 26<sup>th</sup> thru the 29<sup>th</sup> during regular utility hours. This will allow for staff to do some directional flushing as well as collect more current flow data.

- The WWTP has 3 blowers that supply air to the aeration tanks. These are critical pieces of equipment in the treatment process that were rebuilt back in 1997 and 1998. They are also an energy hog. They are on the Capital Project list for replacement in the next couple of years, but under the circumstances I am moving the replacement up to ASAP. As part of the ONR being done by Strand, they will properly size the needs of the aeration tanks and we will then replace with more energy efficient blowers. Initial inquiries on new blowers indicate we may be able to get by with only 2 blowers instead of the 3. Because of the critical nature we will put the updating of the lab at the WWTP on hold and use that \$50,000 budgeted towards replacing the blowers.
- Gathering materials to replace 3 hydrants that extremely hard to operate and get to shut off well because of the old design. The original install date of the hydrants 1891,1893 and 1926.
- Call with any questions or concerns.