



DEPARTMENT OF ADMINISTRATION & FINANCE
FINANCE DIVISION

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To: Common Council

From: Gary Schmid, City Comptroller 

Date: 12/16/08

RE: Communication relative to the Public Service Commission (PSC) staff proposed water rate changes that will be presented at the January 8th 2009 public hearing.

Please find attached the following three documents: A) the Average residential Customer Rate Comparison for all of the City of West Allis Utilities, B) the Proposed 2009 Utility Rates and C) the Public Service Commissions (PSC) staff proposed cost of service study and rate design document for the Water Utility which was based on our application which was received by the PSC on July 30,2008.

When reviewing the PSC staff proposed cost of service study - document C - the important page is Schedule 11 or page 24 that is titled – West Allis Municipal Water Utility - Customer Water Bill Comparison at Present and Proposed Rates. This document lists by customer type the water rate changes being proposed by the PSC.

The PSC document proposes a rate increase of 17%-32% with the majority of our customers being in the 17%-23% bracket. Two major reasons for a portion of the water rate increase includes the loss of three large water users, Crestwood Bakery, Pressed Steel Tank and Gray Iron and the costs associated with the painting of the two above ground water storage tanks all of which occurred since our last rate increase.

The average customer who uses 20 ccfs (15,000 gallons of water) quarterly will see their Water Utility Bill increase from \$124.18 per quarter to \$144.28 per quarter. This change includes the Water, City Sewer, MMSD, Storm Water and the Waste Management Fee.

**Average residential customer rate comparison
2009 as compared to 2008**

small customer 10 ccfs

<u>5/8" meter</u>	New	Old	% change
general service	\$ 17.85	\$ 17.57	1.6%
public fire	\$ 14.10	\$ 11.53	22.3%
water usage	\$ 17.30	\$ 13.00	33.1%
city sewer	\$ 9.75	\$ 9.75	0.0%
MMSD	\$ 26.92	\$ 25.73	4.6%
storm	\$ 15.78	\$ 15.15	4.2%
waste management	\$ 15.53	\$ 8.70	78.5%
	<u>\$ 117.23</u>	<u>\$ 101.43</u>	<u>15.6%</u>

medium customer 20 ccfs

<u>5/8" meter</u>	New	Old	
general service	\$ 17.85	\$ 17.57	1.6%
public fire	\$ 14.10	\$ 11.53	22.3%
water usage	\$ 34.60	\$ 26.00	33.1%
city sewer	\$ 19.50	\$ 19.50	0.0%
MMSD	\$ 26.92	\$ 25.73	4.6%
storm	\$ 15.78	\$ 15.15	4.2%
waste management	\$ 15.53	\$ 8.70	78.5%
	<u>\$ 144.28</u>	<u>\$ 124.18</u>	<u>16.2%</u>

large customer 30 ccfs

<u>5/8" meter</u>	New	Old	
general service	\$ 17.85	\$ 17.57	1.6%
public fire	\$ 14.10	\$ 11.53	22.3%
water usage	\$ 51.90	\$ 39.00	33.1%
city sewer	\$ 29.25	\$ 29.25	0.0%
MMSD	\$ 26.92	\$ 25.73	4.6%
storm	\$ 15.78	\$ 15.15	4.2%
waste management	\$ 15.53	\$ 8.70	78.5%
	<u>\$ 171.33</u>	<u>\$ 146.93</u>	<u>16.6%</u>

One CCF (hundred cubic foot) = approximately 748 gallons of water

A

Proposed Water Rates as of 12-09-2008

Volume charges

		New Rates	Old Rates	
0-10,000 Cubic Feet	per 100 cubic feet	\$ 1.73	\$ 1.30	33.077%
10,001-500,000 Cubic Feet	per 100 cubic feet	\$ 1.60	\$ 1.25	28.000%
500,001-1,000,000 Cubic Feet	per 100 cubic feet	\$ 1.55	\$ 1.17	32.479%
Over 1,000,000 Cubic Feet	per 100 cubic feet	\$ 1.48	\$ 1.12	32.143%

General Service Metered Fees

5/8" Meter	per quarter	\$ 17.85	\$ 17.57	1.594%
3/4"	per quarter	\$ 17.85	\$ 17.57	1.594%
1"	per quarter	\$ 27.30	\$ 27.26	0.147%
1-1/4"	per quarter	\$ 39.60	\$ 39.38	0.559%
1-1/2"	per quarter	\$ 48.60	\$ 48.47	0.268%
2"	per quarter	\$ 72.90	\$ 72.70	0.275%
3"	per quarter	\$ 129.00	\$ 127.21	1.407%
4"	per quarter	\$ 177.00	\$ 175.68	0.751%
6"	per quarter	\$ 279.00	\$ 278.65	0.126%
8"	per quarter	\$ 339.00	\$ 336.20	0.833%
10"	per quarter	\$ 474.00	\$ 460.38	2.958%
12"	per quarter	\$ 618.00	\$ 536.10	15.277%

Quarterly Public Fire Protection Fees

5/8" Meter	per quarter	\$ 14.10	\$ 11.53	22.290%
3/4"	per quarter	\$ 14.10	\$ 11.53	22.290%
1"	per quarter	\$ 18.30	\$ 14.86	23.149%
1-1/4"	per quarter	\$ 24.00	\$ 19.71	21.766%
1-1/2"	per quarter	\$ 28.20	\$ 23.05	22.343%
2"	per quarter	\$ 42.30	\$ 34.87	21.308%
3"	per quarter	\$ 56.70	\$ 45.48	24.670%
4"	per quarter	\$ 72.00	\$ 57.61	24.978%
6"	per quarter	\$ 87.00	\$ 69.74	24.749%
8"	per quarter	\$ 99.00	\$ 81.86	20.938%
10"	per quarter	\$ 114.00	\$ 93.99	21.289%
12"	per quarter	\$ 129.00	\$ 103.09	25.133%

MMSD Sewer Charges

Single Family	per quarter	\$ 26.92	\$ 25.73	4.625%
Duplex	per quarter	\$ 47.69	\$ 44.69	6.713%
Commercial	quarterly connection fee	\$ 6.17	\$ 7.29	-15.364%
	plus ccf charge	\$ 1.19	\$ 1.04	14.423%

City Sewer

Rates did not change	per hundred cubic feet	\$ 0.975	\$ 0.975	0.000%
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Stormwater Charges

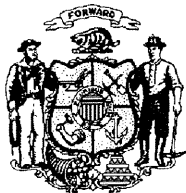
	per ERU	\$ 15.78	\$ 15.15	4.158%
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Waste Management Charges

	per qtr-single fam	\$ 15.53	\$ 8.70	78.506%
	per qtr-duplex	\$ 31.06		

One CCF (hundred cubic foot) = approximately 748 gallons of water

B



Public Service Commission of Wisconsin

Eric Callisto, Chairperson
Mark Meyer, Commissioner
Lauren Azar, Commissioner

610 North Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

December 8, 2008 - VIA E-MAIL

Ms. Kristen Victory, Accountant
West Allis Municipal Water Utility
E-mail: kvictory@ci.west-allis.wi.us

Re: Application to Increase Water Rates

6360-WR-107

Dear Ms. Victory:

The Public Service Commission (Commission) staff has analyzed your application for a water rate increase. The application was received on July 30, 2008. A proposed staff exhibit has been prepared, a copy of which is enclosed. The exhibit contains schedules showing staff's proposed cost of service analysis and proposed rates.

We intend to submit our proposal at the public hearing on January 8, 2009. At least one person must represent your utility at the hearing.

We have used a 7.00 percent rate of return on the estimated water utility net investment rate base for the test year 2008, as recommended by our staff auditor. The proposed rates would increase annual revenues from water public utility service by an estimated \$1,308,985, of which \$1,098,079 would be from general service customers and \$210,906 would be from the public fire protection charge.

The large increase in water utility revenues results because of an 8 percent increase in gross plant investment and a 16 percent increase in operating expenses since your last water rate case in 2006. Your rates were adjusted through the Purchased Water Adjustment Clause (PWAC) provision of your rates to reflect a change in the wholesale rate charged by the Milwaukee Water Works.

We have selected some customers for comparison of proposed and present rates (see Schedule 11 of enclosed staff exhibit). Please note that, in general, large-volume users would receive a larger percentage increase in water rates than an average residential customer. The reason for the larger percentage increase to large users is that the rates in the lower blocks of the volume charges have been increased to reflect the cost of providing water. We believe that the larger increase to large-volume users is reasonable because the proposed rates more appropriately reflect the cost of providing service than do the present rates.

Schedule H-1, Hydrant Charges, has been deleted. Going forward, charges for bulk water use, from a hydrant or otherwise, should be applied according to the provisions in Schedule BW-1, Bulk Water.

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Ms. Kristen Victory
Docket 6360-WR-107
Page 2

We are recommending to the Commission that your water utility's filed rules and regulations be updated in order to reflect the latest requirements in Wis. Admin. Code ch. PSC 185. A copy is enclosed.

The proposed staff exhibit is intended to give the Commission the staff's viewpoint and is in no way absolute. The utility has the prerogative to present its own case. It may be advantageous to the utility to submit additional information which is believed to be pertinent to substantiate its position. Please note that the Commission will base its decision on the merits of the case.

If you have any questions, please call me at (608) 266-1282.

Sincerely,

/s/ Andrew Behm

Andrew Behm
Public Utility Rate Analyst
Division of Water, Compliance and Consumer Affairs

AJB:w:\exhibit\letters\6360-WR-107.docx

Docket No. 6360-WR-107
Witness: Andrew Behm
Exhibit No. _____

West Allis Municipal Water Utility

	<u>Schedule</u>
System Demand Ratios	1
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SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE 2,193,832,000 GALLONS

AVERAGE DAILY PUMPAGE 6,010,499 GALLONS

MAXIMUM DAY PUMPAGE 9,337,000 GALLONS

FIRE FLOW:
 GAL/MIN: 6,000
 DURATION (HOURS): 6 2,160,000 GALLONS

AVERAGE DAY PLUS FIRE FLOW 8,170,499 GALLONS

RATIO: BASE: $\frac{6,010,499}{9,337,000} = 64.37 \%$

MAX DAY: 100-BASE = 35.63 %

MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY 389,042 GALLONS

MAXIMUM HOUR PUMPAGE 583,563 GALLONS

AVERAGE HOUR PLUS ONE HOUR FIRE FLOW 610,437 GALLONS

RATIO: BASE: $\frac{6,010,499}{14,650,499} = 41.03 \%$ Use 41.03 %

MAX HOUR : 100-BASE = 58.97 % Use 58.97 %

ALLOCATION OF UTILITY FINANCED PLANT
TO
SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	BASE COST (\$)	MAX DAY (\$)	EXTRA-CAPACITY			CUSTOMER COSTS			FIRE PROTECT. (\$)
					STORAGE (\$)	MAX HOUR DISTRIB. (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)		
INTANGIBLES											
301-3	All intangibles	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY											
310	Land and land rights	0	0	0	0	0	0	0	0	0	0
311	Structures and improvements	139,592	89,859	49,733	0	0	0	0	0	0	0
312	Collecting and impounding reservoirs	0	0	0	0	0	0	0	0	0	0
313	Lake, river, and other intakes	0	0	0	0	0	0	0	0	0	0
314	Wells and springs	0	0	0	0	0	0	0	0	0	0
316	Supply mains	0	0	0	0	0	0	0	0	0	0
PUMPING PLANT											
320	Land and land rights	7,990	5,143	2,847	0	0	0	0	0	0	0
321	Structures and improvements	242,274	155,959	86,315	0	0	0	0	0	0	0
323	Other power production equipment	0	0	0	0	0	0	0	0	0	0
325	Electric pumping equipment	712,760	458,824	253,936	0	0	0	0	0	0	0
326	Diesel pumping equipment	0	0	0	0	0	0	0	0	0	0
328	Other pumping equipment	0	0	0	0	0	0	0	0	0	0
WATER TREATMENT PLANT											
330	Land and land rights	0	0	0	0	0	0	0	0	0	0
331	Structures and improvements	0	0	0	0	0	0	0	0	0	0
332	Water treatment equipment	14,363	9,246	5,117	0	0	0	0	0	0	0
TRANSMISSION AND DISTRIBUTION PLANT											
340	Land and land rights	50,000	12,416	2,200	4,324	7,811	0	3,673	7,355	12,220	0
341	Structures and improvements	0	0	0	0	0	0	0	0	0	0
342	Distribution reservoirs and standpipes	2,244,753	920,930	673,552	1,323,823	2,391,753	0	0	0	0	0
343	Transmission and distribution mains	5,946,160	2,880,855	0	0	0	0	0	0	0	0
344	Fire mains	0	0	0	0	0	0	0	0	0	0
345	Services	2,252,163	0	0	0	0	0	0	0	0	0
346	Meters	1,124,732	0	0	0	0	0	1,124,732	2,252,163	0	0
348	Hydrants	3,741,649	0	0	0	0	0	0	0	3,741,649	0
349	Other transmission and distribution plant	0	0	0	0	0	0	0	0	0	0
GENERAL PLANT											
389	Land and land rights	0	0	0	0	0	0	0	0	0	0
390	Structures and improvements	114,862	31,602	7,485	9,259	16,728	0	7,866	15,752	26,169	0
391	Office furniture and equipment	24,429	6,721	1,592	1,969	3,558	0	1,673	3,350	5,566	0
391.1	Computers	402,179	110,653	26,208	32,419	58,572	0	27,544	55,153	91,629	0
392	Transportation equipment	583,618	160,573	38,032	47,045	84,996	0	39,970	80,035	132,967	0
393	Stores equipment	0	0	0	0	0	0	0	0	0	0
394	Tools, shop, and garage equipment	68,711	18,905	4,478	5,539	10,007	0	4,706	9,423	15,655	0
395	Laboratory equipment	0	0	0	0	0	0	0	0	0	0
396	Power-operated equipment	230,315	63,368	15,009	18,565	33,542	0	15,773	31,585	52,473	0
397	Communication equipment	209,711	57,699	13,666	16,905	30,541	0	14,362	28,759	47,779	0
398	Miscellaneous equipment	39,703	10,924	2,587	3,200	5,782	0	2,719	5,445	9,046	0
399	Other tangible property	0	0	0	0	0	0	0	0	0	0
TOTAL		18,149,964	4,993,679	1,182,756	1,463,048	2,643,290	0	1,243,019	2,489,020	4,135,153	0

ALLOCATION OF TOTAL PLANT
TO
SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	BASE COST (\$)	MAX DAY (\$)	EXTRA-CAPACITY		BILLING (\$)	CUSTOMER COSTS			FIRE PROTECT. (\$)	
					STORAGE (\$)	MAX HOUR (\$)		EQUIV. METER (\$)	EQUIV. SERVICE (\$)			
INTANGIBLES												
301-3	All intangibles	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY												
310	Land and land rights	0	0	0	0	0	0	0	0	0	0	0
311	Structures and improvements	139,592	89,859	49,733								
312	Collecting and impounding reservoirs	0	0	0								
313	Lake, river, and other intakes	0	0	0								
314	Wells and springs	0	0	0								
316	Supply mains	0	0	0								
PUMPING PLANT												
320	Land and land rights	7,990	5,143	2,847								
321	Structures and improvements	242,274	155,959	86,315								
323	Other power production equipment	0	0	0								
325	Electric pumping equipment	712,760	458,824	253,936								
326	Diesel pumping equipment	0	0	0								
328	Other pumping equipment	0	0	0								
WATER TREATMENT PLANT												
330	Land and land rights	0	0	0								
331	Structures and improvements	0	0	0								
332	Water treatment equipment	14,363	9,246	5,117								
TRANSMISSION AND DISTRIBUTION PLANT												
340	Land and land rights	50,000	15,377	3,187	2,513	11,315	0	3,881	6,334	7,393		
341	Structures and improvements	0	0	0	0	0	0	0	0	0		
342	Distribution reservoirs and standpipes	2,244,753	920,930		1,323,823							
343	Transmission and distribution mains	14,817,851	7,179,101	1,678,494		5,960,256			3,336,426			
344	Fire mains	0	0	0								
345	Services	3,336,426						2,044,253				
346	Meters	2,044,253										
348	Hydrants	3,894,128										
349	Other transmission and distribution plant	0	0	0	0	0	0	0	0	0	3,894,128	0
GENERAL PLANT												
389	Land and land rights	0	0	0	0	0	0	0	0	0	0	0
390	Structures and improvements	114,862	36,894	8,685	5,539	24,938	0	8,553	13,960	16,293		
391	Office furniture and equipment	24,429	7,847	1,847	1,178	5,304	0	1,819	2,969	3,465		
391.1	Computers	402,179	129,180	30,409	19,394	87,318	0	29,949	48,879	57,049		
392	Transportation equipment	583,618	187,459	44,128	28,144	126,711	0	43,460	70,930	82,787		
393	Stores equipment	0	0	0	0	0	0	0	0	0		
394	Tools, shop, and garage equipment	68,711	22,070	5,195	3,313	14,918	0	5,117	8,351	9,747		
395	Laboratory equipment	0	0	0	0	0	0	0	0	0		
396	Power-operated equipment	230,315	73,977	17,414	11,106	50,004	0	17,151	27,991	32,670		
397	Communication equipment	209,711	67,359	15,856	10,113	45,531	0	15,616	25,487	29,748		
398	Miscellaneous equipment	39,703	12,753	3,002	1,915	8,620	0	2,957	4,825	5,632		
399	Other tangible property	0	0	0	0	0	0	0	0	0		
TOTAL		29,177,918	9,371,979	2,206,164	1,407,038	6,334,917	0	2,172,754	3,546,153	4,138,912		

ALLOCATION OF DEPRECIATION EXPENSE
TO
SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	BASE COST (\$)	MAX DAY (\$)	EXTRA-CAPACITY		BILLING (\$)	CUSTOMER COSTS			FIRE PROTECT. (\$)	
					STORAGE (\$)	MAX HOUR DISTRIB. (\$)		EQUIV. METER (\$)	EQUIV. SERVICE (\$)			
301-3	INTANGIBLES											
	All intangibles	0	0	0	0	0	0	0	0	0	0	0
	SOURCE OF SUPPLY											
310	Land and land rights	0	0	0	0	0	0	0	0	0	0	0
311	Structures and improvements	4,467	2,876	1,591								
312	Collecting and impounding reservoirs	0	0	0								
313	Lake, river, and other intakes	0	0	0								
314	Wells and springs	0	0	0								
316	Supply mains	0	0	0								
	PUMPING PLANT											
320	Land and land rights	0	0	0								
321	Structures and improvements	7,753	4,991	2,762								
323	Other power production equipment	0	0	0								
325	Electric pumping equipment	31,361	20,188	11,173								
326	Diesel pumping equipment	0	0	0								
328	Other pumping equipment	0	0	0								
	WATER TREATMENT PLANT											
330	Land and land rights	0	0	0								
331	Structures and improvements	0	0	0								
332	Water treatment equipment	862	555	307								
	TRANSMISSION AND DISTRIBUTION PLANT											
340	Land and land rights	0	0	0								
341	Structures and improvements	0	0	0								
342	Distribution reservoirs and standpipes	42,650	17,498									
343	Transmission and distribution mains	110,042	53,314	12,465		44,263						
344	Fire mains	0	0	0								
345	Services	65,313							65,313			
346	Meters	30,930							30,930			
348	Hydrants	82,316									82,316	
349	Other transmission and distribution plant	0	0	0							0	
	GENERAL PLANT											
389	Land and land rights	0	0	0								
390	Structures and improvements	3,331	881	251		223		392		274	579	730
391	Office furniture and equipment	1,417	375	107		95		167		117	246	310
391.1	Computers	107,382	28,417	8,088		7,189		12,651		8,841	18,668	23,528
392	Transportation equipment	77,621	20,541	5,847		5,197		9,145		6,390	13,494	17,007
393	Stores equipment	0	0	0		0		0		0	0	0
394	Tools, shop, and garage equipment	0	0	0		0		0		0	0	0
395	Laboratory equipment	0	0	0		0		0		0	0	0
396	Power-operated equipment	17,274	4,571	1,301		1,156		2,035		1,422	3,003	3,785
397	Communication equipment	1,656	438	125		111		195		136	288	363
398	Miscellaneous equipment	2,303	609	173		154		271		190	400	505
399	Other tangible property	0	0	0		0		0		0	0	0
	TOTAL	586,678	155,254	44,191	39,278	69,120	0	48,300	101,992	128,543	0	0

ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO
SERVICE COST FUNCTIONS

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	BASE COST (\$)	MAX DAY (\$)	EXTRA-CAPACITY			CUSTOMER COSTS			
					STORAGE (\$)	DISTRIB. (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)	FIRE PROTECT. (\$)	
	SOURCE OF SUPPLY EXPENSES										
600	Operation supervision and engineering	0	0	0	0	0	0	0	0	0	0
601	Operation labor and expenses	0	0	0	0	0	0	0	0	0	0
602	Purchased water	2,554,338	2,397,198								157,140
603	Miscellaneous expenses	0	0	0	0	0	0	0	0	0	0
604	Rents	0	0	0	0	0	0	0	0	0	0
610	Maint. supervision and engineering	0	0	0	0	0	0	0	0	0	0
611	Maint. of structures and improvements	0	0	0	0	0	0	0	0	0	0
612	Maint. of collect. and impounding reservoirs	0	0	0	0	0	0	0	0	0	0
613	Maint. of lake, river and other intakes	0	0	0	0	0	0	0	0	0	0
614	Maint. of wells and springs	0	0	0	0	0	0	0	0	0	0
615	Maint. of infiltration galleries and tunnels	0	0	0	0	0	0	0	0	0	0
616	Maint. of supply mains	0	0	0	0	0	0	0	0	0	0
617	Maint. of miscellaneous water source plant	0	0	0	0	0	0	0	0	0	0
	PUMPING EXPENSES										
620	Operation supervision and engineering	0	0	0	0	0	0	0	0	0	0
621	Fuel for power production	0	0	0	0	0	0	0	0	0	0
622	Power production labor and expenses	0	0	0	0	0	0	0	0	0	0
623	Fuel or power purchased for pumping	120,000	120,000								
624	Pumping labor and expenses	69,060	44,456	24,604							
625	Expenses transferred - cr.	0	0	0	0	0	0	0	0	0	0
626	Miscellaneous expenses	0	0	0	0	0	0	0	0	0	0
627	Rents	0	0	0	0	0	0	0	0	0	0
630	Maint. supervision and engineering	0	0	0	0	0	0	0	0	0	0
631	Maint. of structures and improvements	15,000	9,656	5,344							
632	Maint. of power production equipment	0	0	0	0	0	0	0	0	0	0
633	Maint. of pumping equipment	48,000	30,899	17,101							
	WATER TREATMENT EXPENSES										
640	Operation supervision and engineering	0	0	0	0	0	0	0	0	0	0
641	Chemicals	0	0	0	0	0	0	0	0	0	0
642	Operation labor and expenses	26,861	17,291	9,570							
643	Miscellaneous expenses	0	0	0	0	0	0	0	0	0	0
644	Rents	0	0	0	0	0	0	0	0	0	0
650	Maint. supervision and engineering	0	0	0	0	0	0	0	0	0	0
651	Maint. of structures and improvements	0	0	0	0	0	0	0	0	0	0
652	Maint. of water treatment equipment	0	0	0	0	0	0	0	0	0	0

**ALLOCATION OF OPERATION AND MAINTENANCE EXPENSES
TO
SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	BASE COST (\$)	MAX DAY (\$)	EXTRA-CAPACITY			CUSTOMER COSTS			FIRE PROTECT. (\$)
					STORAGE (\$)	MAX HOUR DISTRIB. (\$)	BILLING (\$)	EQUIV. METER (\$)	EQUIV. SERVICE (\$)		
TRANSMISSION AND DISTRIBUTION EXPENSES											
660	Operation supervision and engineering	140,732	44,725	8,901	9,569	31,605	0	12,419	19,262	14,252	
661	Storage facilities expenses	0	0	0	0	0	0	0	0	0	
662	Transmission and distribution lines expenses	0	0	0	0	0	0	0	0	0	
663	Meter expenses	40,000	0	0	0	0	0	40,000	0	0	
664	Customer installations expenses	0	0	0	0	0	0	0	0	0	
665	Miscellaneous expenses	35,757	11,364	2,261	2,431	8,030	0	3,155	4,894	3,621	
666	Rents	15,000	4,767	949	1,020	3,369	0	1,324	2,053	1,519	
670	Maint. supervision and engineering	0	0	0	0	0	0	0	0	0	
671	Maint. of structures and improvements	0	0	0	0	0	0	0	0	0	
672	Maint. of distr. reservoirs and standpipes	137,188	56,283	0	0	0	0	0	0	0	
673	Maint. of transmission and distribution mains	664,349	321,870	75,254	80,905	267,224	0	0	0	0	
674	Maint. of fire mains	0	0	0	0	0	0	0	0	0	
675	Maint. of services	162,857	0	0	0	0	0	0	162,857	0	
676	Maint. of meters	65,000	0	0	0	0	0	65,000	0	0	
677	Maint. of hydrants	120,500	0	0	0	0	0	0	0	120,500	
678	Maint. of miscellaneous plant	2,850	906	180	194	640	0	251	390	289	
CUSTOMER ACCOUNTS EXPENSES											
901	Supervision	0	0	0	0	0	0	0	0	0	
902	Meter reading expenses	41,255	0	0	0	41,255	0	0	0	0	
903	Customer records and collection expenses	171,705	0	0	0	171,705	0	0	0	0	
904	Uncollectible accounts	12,000	0	0	0	12,000	0	0	0	0	
905	Miscellaneous customer accounts expenses	0	0	0	0	0	0	0	0	0	
SALES EXPENSES											
910	Sales expenses	0	0	0	0	0	0	0	0	0	
ADMINISTRATIVE AND GENERAL EXPENSES											
920	Administrative and general salaries	46,287	14,195	3,774	2,464	8,138	5,889	3,198	4,960	3,670	
921	Office supplies and expenses	50,300	15,425	4,101	2,678	8,844	6,400	3,475	5,390	3,988	
922	Administrative expenses transferred - cr.	0	0	0	0	0	0	0	0	0	
923	Outside services employed	13,000	3,987	1,060	692	2,286	1,654	898	1,393	1,031	
924	Property insurance	20,000	6,424	1,512	964	4,342	0	1,489	2,431	2,837	
925	Injuries and damages	52,000	15,947	4,240	2,768	9,143	6,616	3,592	5,572	4,123	
926	Employee pensions and benefits	718,660	220,387	58,596	38,255	126,354	91,436	49,648	77,005	56,977	
928	Regulatory commission expenses	6,000	1,840	489	319	1,055	763	415	643	476	
929	Duplicate charges - cr.	0	0	0	0	0	0	0	0	0	
930	Miscellaneous general expenses	42,434	13,013	3,460	2,259	7,461	5,399	2,932	4,547	3,364	
931	Rents	4,500	1,380	367	240	791	573	311	482	357	
932	Maintenance of general plant	24,241	7,434	1,977	1,290	4,262	3,084	1,675	2,597	1,922	
TOTAL		5,419,874	3,359,446	223,740	146,049	483,544	346,774	189,781	294,475	376,065	

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

<u>OPERATING COST</u>	<u>EXTRA-CAPACITY</u>					<u>CUSTOMER COSTS</u>				
	<u>BASE COST (\$)</u>	<u>MAX DAY (\$)</u>	<u>MAX HOUR STORAGE (\$)</u>	<u>DISTRIB. (\$)</u>	<u>BILLING (\$)</u>	<u>EQUIV. METER (\$)</u>	<u>EQUIV. SERVICE (\$)</u>	<u>FIRE PROTECT. (\$)</u>	<u>RETURN ON NET INVEST. RATE BASE</u>	<u>TOTAL (\$)</u>
OPERATION AND MAINTENANCE	3,359,446	223,740	146,049	483,544	346,774	189,781	294,475	376,065		5,419,874
DEPRECIATION EXPENSE	155,254	44,191	39,278	69,120	0	48,300	101,992	128,543		586,678
TAXES AND TAX EQUIVALENT	228,705	53,837	34,336	154,591	0	53,022	86,537	101,002		712,030
RETURN ON NET INVEST. RATE BASE	165,491	39,197	48,486	87,599	0	41,194	82,487	137,040		601,493
TOTAL	3,908,896	360,965	268,148	794,855	346,774	332,297	565,490	742,650		7,320,075

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	BASE COSTS			EXTRA-CAPACITY MAX. DAY DEMAND				EXTRA-CAPACITY MAX. HOUR DEMAND				
	ANNUAL VOLUME 100 CU. FT.	AVERAGE DAY VOLUME (CU. FT.)	PERCENT (%)	EXTRA CAPACITY RATIO	VOLUME RATE CU. FT. PER DAY	PERCENT (%)	ADJUST. PERCENT (%)	EXTRA CAPACITY RATIO	VOLUME RATE CU. FT. PER HOUR	PERCENT (%)	ADJUST. PERCENT (%)	DISTR. ADJUST. PERCENT (%)
RESIDENTIAL	1,397,000	382,740	53.18	2.00	765,479	53.16	53.16	4.00	63,790	44.28	44.28	44.28
COMMERCIAL	843,000	230,959	32.09	1.25	288,699	20.05	20.05	2.50	24,058	16.70	16.70	16.70
INDUSTRIAL	192,695	52,793	7.34	0.75	39,595	2.75	2.75	1.50	3,300	2.29	2.29	2.29
PUBLIC AUTHORITY	168,000	46,027	6.40	1.25	57,534	4.00	4.00	2.50	4,795	3.33	3.33	3.33
PUBLIC FIRE PROTECTION	26,270	7,197	1.00		288,770	20.05	20.05		48,128	33.41	33.41	33.41
TOTALS	2,626,965	719,716	100.00		1,440,077	100.00	100.00		144,071	100.00	100.00	100.00

50.00 <-- Public Fire % Limits -->

MAX-DAY DEMAND = 1,863,826 (CUBIC FEET/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND
 MAX-HOUR DEMAND = 125,631 (CUBIC FEET/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND
 1.49 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY
 1.61 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR

CUSTOMER CLASS ALLOCATION FACTORS

<u>Meter size (inches):</u>	<u>NUMBER OF METERS</u>											<u>TOTAL</u>			
	<u>5/8</u>	<u>3/4</u>	<u>1</u>	<u>1-1/4</u>	<u>1-1/2</u>	<u>2</u>	<u>2-1/2</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>METERS</u>	<u>PERCENT</u>
RESIDENTIAL	16,780	571	22	0	2	0	0	0	0	0	0	0	0	17,375	88.82
COMMERCIAL	747	548	370	0	229	87	0	43	11	4	0	0	0	2,039	10.42
INDUSTRIAL	11	10	8	0	17	9	0	1	10	1	1	0	0	68	0.35
PUBLIC AUTHORITY	2	5	17	0	13	15	0	14	7	8	0	0	0	81	0.41
TOTALS	17,540	1,134	417	0	261	111	0	58	28	13	1	0	0	19,563	100.00

<u>Allocation factor:</u>	<u>Meter size (inches):</u>	<u>Equiv. meter ratio:</u>	<u>EQUIVALENT METERS</u>												<u>TOTAL</u>			
			<u>1</u>	<u>1-1/4</u>	<u>1-1/2</u>	<u>2</u>	<u>2-1/2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>EQUIV. METERS</u>	<u>PERCENT</u>		
RESIDENTIAL	16,780	571	55	0	10	0	0	0	0	0	0	0	0	0	0	0	17,416	71.94
COMMERCIAL	747	548	925	0	1,145	696	0	645	275	200	0	0	0	0	0	0	5,181	21.40
INDUSTRIAL	11	10	20	0	85	72	0	15	250	50	80	0	0	0	0	0	593	2.45
PUBLIC AUTHORITY	2	5	43	0	65	120	0	210	175	400	0	0	0	0	0	0	1,020	4.21
TOTALS	17,540	1,134	1,043	0	1,305	888	0	870	700	650	80	0	0	0	0	0	24,210	100.00

<u>Allocation factor:</u>	<u>Meter size (inches):</u>	<u>Equiv. service ratio:</u>	<u>EQUIVALENT SERVICES</u>												<u>TOTAL</u>			
			<u>1</u>	<u>1-1/4</u>	<u>1-1/2</u>	<u>2</u>	<u>2-1/2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>SERVICES</u>	<u>PERCENT</u>		
RESIDENTIAL	16,780	571	29	0	4	0	0	0	0	0	0	0	0	0	0	0	17,384	84.68
COMMERCIAL	747	548	481	0	458	261	0	172	55	24	0	0	0	0	0	0	2,746	13.38
INDUSTRIAL	11	10	10	0	34	27	0	4	50	6	7	0	0	0	0	0	159	0.78
PUBLIC AUTHORITY	2	5	22	0	26	45	0	56	35	48	0	0	0	0	0	0	239	1.16
TOTALS	17,540	1,134	542	0	522	333	0	232	140	78	7	0	0	0	0	0	20,528	100.00

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL (\$)	RESIDENTIAL (\$)	COMMERCIAL (\$)	INDUSTRIAL (\$)	PUBLIC AUTHORITY (\$)	PUBLIC FIRE PROTECTION (\$)
BASE COSTS	3,908,896	2,078,722	1,254,375	286,728	249,982	39,089
EXTRA-CAPACITY COSTS:						
MAX.-DAY	360,965	191,872	72,364	9,925	14,421	72,382
MAX.-HOUR STORAGE	268,148	118,728	44,778	6,141	8,924	89,578
MAX.-HOUR DISTRIBUTION	794,855	351,937	132,732	18,204	26,452	265,530
CUSTOMER COSTS:						
BILLING	346,774	307,990	36,143	1,205	1,436	
EQUIVALENT METERS	332,297	239,050	71,114	8,139	13,994	
EQUIVALENT SERVICES	565,490	478,868	75,644	4,391	6,587	
FIRE PROTECTION	742,650					742,650
TOTAL COST	7,320,075	3,767,167	1,687,151	334,734	321,795	1,209,228
LESS OTHER REVENUE	251,136	123,295	55,218	10,955	10,532	51,136
COST OF SERVICE	7,068,939	3,643,872	1,631,933	323,779	311,263	1,158,092
REVENUE AT PRESENT RATES	5,759,954	3,037,115	1,291,264	250,381	234,008	947,186
DIFFERENCE	1,308,985	606,757	340,669	73,398	77,255	210,906
PERCENT INCREASE/DECREASE	22.73	19.98	26.38	29.31	33.01	22.27

WEST ALLIS MUNICIPAL WATER UTILITY
Comparison of Revenue
at
Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
Residential	\$ 3,037,115	\$ 3,643,872	20%	\$ 3,656,513	20%	100%
Commercial	1,291,264	1,631,933	26%	1,632,364	26%	100%
Industrial	250,381	323,779	29%	323,772	29%	100%
Public Authority	234,008	311,263	33%	298,865	28%	96%
Public Fire Protection	947,186	1,158,092	22%	1,158,098	22%	100%
Total	\$ 5,759,954	\$ 7,068,939	23%	\$ 7,069,613	23%	100%

West Allis Municipal Water Utility

Proposed Water Rates and Rules

Purchased Water Adjustment Clause - - - PWAC-1

The West Allis Municipal Water Utility (utility) may apply a purchased water adjustment clause (PWAC) to its water rates set forth under Schedules Fd-1 and Mg-1 to reflect an increase or decrease in the rates charged by its wholesale water supplier, Milwaukee Water Works (wholesaler). The adjustment can be made effective on or after the effective date of the wholesaler’s rate change. Adjustment under this PWAC which results in an increase cannot be effective until the utility has filed the proposed change with the Public Service Commission (Commission) and the Commission has accepted the adjustment for filing. The utility shall provide notice to its customers of such change in rates resulting from application of the PWAC.

The utility must request Commission authorization for a PWAC rate change within 90 days of a change in its wholesale water supplier’s rates or forfeit all adjustment to its rates under the PWAC until the time of its next rate case.

Calculation of Adjusted Quarterly Public Fire Protection Service Charges - - - Fd-1

$$C = Z \times (1 + P)$$

$$P = (N - B) / T$$

Where: C = Adjusted Schedule Fd-1 quarterly retail service charges rounded up to the nearest cent.

Z = Current Schedule Fd-1 quarterly retail service charges.

P = Adjustment factor rounded up to the nearest hundredth of a percent, which is four places past the decimal point (.XXXX).

N = New quarterly wholesale public fire protection service charge.

B = Current quarterly wholesale public fire protection service charge.

T = Total dollar revenue from quarterly retail service charges per rate Schedule Fd-1.

Calculation of Adjusted Monthly / Quarterly Service Charges - - - Mg-1

$$C = Z \times (1 + P)$$

$$P = (N - B) / T$$

Where: C = Adjusted Schedule Mg-1 quarterly retail service charges rounded up to the nearest cent.

Z = Current Schedule Mg-1 quarterly retail service charges.

P = Adjustment factor rounded up to the nearest hundredth of a percent, which is four places past the decimal point (.XXXX).

N = New quarterly wholesale service charge.

B = Current quarterly wholesale service charge.

T = Total dollar revenue from quarterly retail service charges per rate Schedule Mg-1.

Commodity Charge Adjustment - - - Mg-1

AVBR = VBR + A

Where: AVBR = Adjusted Schedule Mg-1 retail volume block rates rounded up to the nearest cent.

VBR = Current Schedule Mg-1 retail volume block rates.

A = New wholesale volume charge less the current wholesale volume charge.

Public Fire Protection Service - - - Fd-1

Under Wis. Stat. § 196.03(3)(b), the municipality has chosen to have the utility bill the retail general service customers for public fire protection service.

This service shall include the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Quarterly Public Fire Protection Service Charges:

5/8 -inch meter - \$	14.10	3 -inch meter - \$	56.70
3/4 -inch meter - \$	14.10	4 -inch meter - \$	72.00
1 -inch meter - \$	18.30	6 -inch meter - \$	87.00
1 1/4 -inch meter - \$	24.00	8 -inch meter - \$	99.00
1 1/2 -inch meter - \$	28.20	10 -inch meter - \$	114.00
2 -inch meter - \$	42.30	12 -inch meter - \$	129.00

Customers who are provided service under Schedules Mg-1, Ug-1, Mgt-1, or Mz-1, shall also be subject to the charges in this schedule.

Billing: Same as Schedule Mg-1.

Private Fire Protection Service - Unmetered - - - Upf-1

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges:

2-inch or smaller connection	\$ 10.00
3-inch connection	\$ 15.00
4-inch connection	\$ 27.00
6-inch connection	\$ 54.00
8-inch connection	\$ 84.00
10-inch connection	\$ 126.00
12-inch connection	\$ 168.00
14-inch connection	\$ 213.00
16-inch connection	\$ 255.00

Billing: Same as Schedule Mg-1.

General Service - Metered - - - Mg-1

Quarterly Service Charges:

5/8 -inch meter - \$	17.85	3 -inch meter - \$	129.00
3/4 -inch meter - \$	17.85	4 -inch meter - \$	177.00
1 -inch meter - \$	27.30	6 -inch meter - \$	279.00
1 1/4 -inch meter - \$	39.60	8 -inch meter - \$	339.00
1 1/2 -inch meter - \$	48.60	10 -inch meter - \$	474.00
2 -inch meter - \$	72.90	12 -inch meter - \$	618.00

Plus Volume Charges:

First	10,000 cubic feet used per quarter - \$1.73 per 100 cubic feet
Next	490,000 cubic feet used per quarter - \$1.60 per 100 cubic feet
Next	500,000 cubic feet used per quarter - \$1.55 per 100 cubic feet
Over 1,000,000	cubic feet used per quarter - \$1.48 per 100 cubic feet

Billing: Bills for water service are rendered quarterly and become due and payable upon issuance following the period for which service is rendered. A late payment charge of 1 percent per month will be added to bills not paid within 20 days of issuance. This late payment charge will be applied to the total unpaid balance for utility service, including unpaid late payment charges. This late payment charge is applicable to all customers. The utility customer may be given a written notice that the bill is overdue no sooner than 20 days after the bill is issued. Unless payment or satisfactory arrangement for payment is made within the next 10 days, service may be disconnected pursuant to Wis. Admin. Code ch. PSC 185.

Combined Metering: Volumetric meter readings will be combined for billing if the utility for its own convenience places more than one meter on a single water service lateral. Multiple meters placed for the purpose of identifying water not discharged into the sanitary sewer are not considered for utility convenience and shall not be combined for billing. This requirement does not preclude the utility from combining readings where metering configurations support such an approach. Meter readings from individually metered separate service laterals shall not be combined for billing purposes.

Other Charges - - - OC-1

Non-Sufficient Funds Charge: A \$25.00 charge shall apply to the customer's account when a check rendered for utility service is returned for non-sufficient funds. This charge may not be in addition to, but may be inclusive of, other non-sufficient funds charges when the check was for payment of multiple services.

Missed Appointment Charge (After Normal Business Hours): A \$45.00 charge shall apply whenever a customer schedules an appointment with utility personnel and fails to be present (without providing reasonable cancellation notice to the utility).

Missed Appointment Charge (During Normal Business Hours): A \$30.00 charge shall apply whenever a customer reschedules a previously missed appointment with utility personnel and fails to be present (without providing reasonable cancellation notice to the utility).

Billing: Same as Schedule Mg-1.

Public Service - - - Mpa-1

Water service supplied to municipal buildings, schools, sewer treatment plants, etc., shall be metered and the regular metered service rates (Schedule Mg-1) applied.

Water used on an intermittent basis for flushing sewers, street sprinkling, flooding skating rinks, drinking fountains, etc., shall be metered where meters can be set to measure the service. Where it is impossible to measure the service, the superintendent shall estimate the volume of water

used based on the pressure, size of opening, and period of time water is allowed to be drawn. The estimated quantity used shall be billed at the rate of \$1.55 per 100 cubic feet.

Billing: Same as Schedule Mg-1.

General Water Service - Unmetered - - - Ug-1

Where the utility cannot immediately install its water meter, service may be supplied temporarily on an unmetered basis. Such service shall be billed at the rate of \$52.45 per quarter. This rate shall be applied only to single-family residential and small commercial customers and approximates the cost of 2,000 cubic feet of water per quarter under Schedule Mg-1. If it is determined by the utility that usage is in excess of 2,000 cubic feet of water per quarter, an additional charge per Schedule Mg-1 will be made for the estimated additional usage.

Billing: Same as Schedule Mg-1.

Seasonal, Emergency, or Temporary Service - - - Mgt-1

Seasonal customers* shall pay an annual seasonal service charge equal to four times the applicable service charge in Schedule Mg-1. Water use in any billing period shall be billed at the applicable volume rates in Schedule Mg-1 and the charge added to the annual seasonal service charge.

In addition, customers who have an additional meter pursuant to Schedule Am-1 shall also pay an annual seasonal rental charge equal to four times the applicable additional meter rental charge in Schedule Am-1.

For disconnections of service not previously considered as seasonal, emergency, or temporary, if service is resumed at the same premises by the same customer within a 12-month period, and if there has been no service to another customer during the intervening period, the customer shall be billed for the pro rata share of the applicable service charge for the period of disconnection.

Further, if service has been disconnected or a meter removed, a charge under Schedule R-1 shall be applied at the time of reconnection or meter reinstallation.

*Seasonal customers are general service customers whose use of water is normally for recurring periods of less than a year. This includes service under Schedule Mg-1 and/or Schedule Am-1.

Billing: Same as Schedule Mg-1.

Building and Construction Water Service - - - Mz-1

For single-family and small commercial buildings, apply the unmetered rate (Schedule Ug-1).

For large commercial, industrial, or multiple apartment buildings, a temporary metered installation shall be made and general metered rates (Schedule Mg-1) applied.

Billing: Same as Schedule Mg-1.

Bulk Water - - - BW-1

All bulk water supplied from the water system through hydrants or other connections shall be metered, or at the direction of the utility, estimated. Utility personnel or a utility approved party shall supervise the delivery of water.

Bulk water sales are:

- A. Water supplied by tank trucks or from hydrants for the purpose of extinguishing fires outside the utility's immediate service area;
- B. Water supplied by tank trucks or from hydrants for purposes other than extinguishing fires, such as irrigation or the filling of swimming pools; or,
- C. Water supplied from hydrants or other temporary connections for general service type applications. (Water supplied for construction purposes - see Schedule Mz-1.)

A charge for the volume of water used will be billed to the party using the water at the top (most expensive) volume block rate found in Schedule Mg-1. A service charge, in addition to the volumetric charge, will be \$50.00. In addition, for meters that are assigned to bulk water customers for more than 30 days, the applicable service charge in Schedule Mg-1 will apply after the first 30 days.

The water utility may require reasonable deposits for the temporary use of its equipment under this and other rate schedules. The deposit(s) collected will be refunded upon return of the utility's equipment. Damaged or lost equipment will be repaired or replaced at the customer's expense.

Billing: Same as Schedule Mg-1.

Additional Meter Rental Charge - - - Am-1

If a customer requests the installation of an additional meter* to receive credit for clear water not discharged into the sanitary sewer system, or if a sewerage service customer who is not a customer of the water utility requests the installation of a meter to determine the volume of sewage discharged into the sanitary sewer system, the utility shall furnish and install this additional meter. This rate applies to single-family residential and small commercial customers. At utility discretion, it may also be applied to other customers. A rental fee shall be charged for the use of this meter and the following rates shall apply.

5/8 -inch meter - \$ 9.00 per quarter
 3/4 -inch meter - \$ 9.00 per quarter
 1 -inch meter - \$ 15.75 per quarter
 1 1/4 -inch meter - \$ 22.00 per quarter
 1 1/2 -inch meter - \$ 29.00 per quarter

Initial Meter Installation Charge - \$50.00

*For the Schedule Am-1 rate to apply, the additional meter must be installed on the same service lateral as the primary meter. Also, if the metering configuration is in the Addition Method, the Schedule Am-1 rate will apply only if the additional meter is 3/4-inch or less. If the additional meter is larger than 3/4-inch in the Addition Method, then Schedule Mg-1 rates apply to the primary meter and the additional meter as separate accounts.

Billing: Same as Schedule Mg-1.

Reconnection Charges - - - R-1

	<u>During Normal Business Hours</u>	<u>After Normal Business Hours</u>
Reinstallation of meter, including valving at curb stop	\$ 50.00	\$ 60.00
Valve turned on at curb stop	\$ 40.00	\$ 50.00

Note: No charge for disconnection.

Billing: Same as Schedule Mg-1.

Water Lateral Installation Charge - - - Cz-1

Subdivision developers shall be responsible, where the main extension has been approved by the utility, for the water service lateral installation costs from the main through the curb stop and box.

When the cost of a utility main extension is to be collected through assessment by the municipality, the actual average water lateral installation costs from the main through the curb stop and box shall be included in the assessment of the appropriate properties.

The initial water service lateral(s), not installed as part of a subdivision development or an assessable utility extension, will be installed from the main through the curb stop and box by the utility, for which the actual cost will be charged.

Billing: Same as Schedule Mg-1.

Hydrant Charges - - - H-1

Delete.

Emergency Hose Service - - - EHS-1

Charges for labor, materials, and equipment required to furnish such emergency service to a premise will be billed separately by the Municipal Water Utility by using the following schedule:

For a hose line one and one half (1 ½) inches in diameter or greater, a fee of forty dollars (\$40.00) for an initial three (3) calendar day period or fraction thereof. Ten dollars (\$10.00) per calendar day or fraction thereof following the initial three (3) calendar day period if the failure or break is in the portion of the water service line which the property owner is required to maintain and repair.

For a hose line less than one and one half (1 ½) inches in diameter, a fee of twenty dollars (\$20.00) for an initial three (3) calendar day period or fraction thereof. Five dollars (\$5.00) per calendar day or fraction thereof following the initial three (3) calendar day period if the failure or break is in the portion of the water service line which the property owner is required to maintain and repair.

The above charges will be waived if the failure or break in the water service is caused by an employee or authorized agent of the Municipal Water Utility or is located on the Municipal Water Utility's portion of the service line.

Billing: Same as Schedule Mg-1.

Rules and Regulations - - - X-1

Delete Schedule X-1 (10 pages). Incorporate the operating rules for municipal water utilities as provided by the Public Service Commission.

Water Main Extension Rule - - - X-2

Water mains will be extended for new customers on the following basis:

- A. Where the cost of the extension is to immediately be collected through assessment by the municipality against the abutting property, the procedure set forth under Wis. Stat. § 66.0703 will apply, and no additional customer contribution to the utility will be required.

- B. Where the municipality is unwilling or unable to make a special assessment, the extension will be made on a customer-financed basis as follows:
1. The applicant(s) will advance as a contribution in aid of construction the total amount equivalent to that which would have been assessed for all property under A.
 2. Part of the contribution required in B.1. will be refundable. When additional customers are connected to the extended main within 10 years of the date of completion, contributions in aid of construction will be collected equal to the amount which would have been assessed under A. for the abutting property being served. This amount will be refunded to the original contributor(s). In no case will the contributions received from additional customers exceed the proportionate amount which would have been required under A., nor will it exceed the total assessable cost of the original extension.
- C. When a customer connects to a transmission main or connecting loop installed at utility expense within 10 years of the date of completion, there will be a contribution required of an amount equivalent to that which would have been assessed under A.

Water Main Installations in Platted Subdivisions - - - X-3

Application for installation of water mains in regularly platted real estate development subdivisions shall be filed with the utility.

If the developer, or a contractor employed by the developer, is to install the water mains (with the approval of the utility), the developer shall be responsible for the total cost of construction.

If the utility or its contractor is to install the water mains, the developer shall be required to advance to the utility, prior to the beginning of the construction, the total estimated cost of the extension. If the final costs exceed estimated costs, an additional billing will be made for the balance of the cost due. This balance is to be paid within 30 days. If final costs are less than estimated, a refund of the overpayment will be made by the water utility.

WEST ALLIS MUNICIPAL WATER UTILITY
Customer Water Bill Comparison at Present and Proposed Rates

Customer Type	Meter Size (Inches)	Volume 100 Cu. Ft.	Quarterly			Quarterly Bills With Fire		
			Bill at Old Rates	Bill at New Rates	Percent Change	Bill at Old Rates	Bill at New Rates	Percent Change
Small Residential	5/8	10	\$ 30.57	\$ 35.15	15%	\$ 42.10	\$ 49.25	17%
Average Residential	5/8	20	\$ 43.57	\$ 52.45	20%	\$ 55.10	\$ 66.55	21%
Large Residential	5/8	30	\$ 56.57	\$ 69.75	23%	\$ 68.10	\$ 83.85	23%
Commercial	5/8	50	\$ 82.57	\$ 104.35	26%	\$ 94.10	\$ 118.45	26%
Commercial	3/4	75	\$ 115.07	\$ 147.60	28%	\$ 126.60	\$ 161.70	28%
Commercial	1	100	\$ 157.26	\$ 200.30	27%	\$ 172.12	\$ 218.60	27%
Commercial	1 1/2	200	\$ 300.47	\$ 381.60	27%	\$ 323.52	\$ 409.80	27%
Public Authority	2	500	\$ 690.70	\$ 885.90	28%	\$ 725.57	\$ 928.20	28%
Public Authority	3	1,000	\$ 1,355.21	\$ 1,742.00	29%	\$ 1,400.69	\$ 1,798.70	28%
Commercial	3	4,000	\$ 5,015.21	\$ 6,542.00	30%	\$ 5,060.69	\$ 6,598.70	30%
Industrial	4	9,000	\$ 10,963.68	\$ 14,390.00	31%	\$ 11,021.29	\$ 14,462.00	31%
Large Industrial	6	14,000	\$ 16,716.65	\$ 21,962.00	31%	\$ 16,786.39	\$ 22,049.00	31%
Large Public Authority	4	15,000	\$ 17,733.68	\$ 23,340.00	32%	\$ 17,791.29	\$ 23,412.00	32%
Large Industrial	8	16,000	\$ 19,014.20	\$ 24,982.00	31%	\$ 19,096.06	\$ 25,081.00	31%
Large Commercial	4	20,000	\$ 23,333.68	\$ 30,740.00	32%	\$ 23,391.29	\$ 30,812.00	32%