

**PUBLIC NOTICE TO ALL CUSTOMERS OF THE
VILLAGE OF SHOREWOOD HILLS WATER UTILITY**

The Village of Shorewood Hills Water Utility (Utility) has filed an application with the Public Service Commission of Wisconsin (Commission) to increase water rates. The increase is necessary due to a 10.33 percent increase in gross plant investment and a 45.22 percent increase in operating expenses since the last water rate case was completed in 2016.

The total increase in water revenues requested is \$107,900 which will result in an estimated overall rate increase of 17.39 percent over the water utility's present revenues. If the request is granted, the water bill for an average residential customer with a 5/8-inch or 3/4-inch meter who uses 6,000 cubic feet of water per month will increase from \$62.91 to \$74.80, or 18.90 percent including the public fire protection charge.

A public hearing on the application has been scheduled for Tuesday, February 3, 2026, at 10:00 a.m. This hearing has no physical location. Parties and Commission staff appear by Zoom. Parties and Commission staff may use the telephone connection as a backup or if no adequate internet connection exists. Members of the public participate by Zoom or may use the telephone connection as a backup or if no adequate internet connection exists.

Join Zoom over the internet at:

<https://us02web.zoom.us/my/pschearings>

The Commission intends to livestream and record this hearing on [YouTube](#). A member of the public may observe without participation any hearing session by:

1. Attending any physical location as noticed,
2. Watching on YouTube at: <https://www.youtube.com/@PSCWI-Hearings>,
3. If no adequate internet connection exists, listening by telephone.
 - Dial: +1 312 626 6799
 - Enter Meeting ID: 809 513 2930

A person may testify in this proceeding without becoming a party and without attorney representation. A person may submit this testimony in only one of the following ways:

- **Web Comment.** File a comment on the internet. Go to the Commission's web site at <http://psc.wi.gov>, click the dropdown menu labeled "Commission Action". Select the item labeled "File a Public Comment". On the next page select the "File a comment" link that appears for docket number 5450-WR-106. Web comments shall be received no later than Thursday, February 5, 2026.
- **Live Comment.** Make a live comment at the hearing. The ALJ may receive live comments from any member of the public in attendance after the close of any party and Commission staff testimony. The ALJ will receive such comments by stating the name of each member of the public connected to the hearing one at a time and asking if they would like to comment.

- **Mail Comment.** Send a comment by U.S. Mail. All comments submitted by U.S. Mail shall be received no later than Thursday, February 5, 2026 and shall be addressed to: Attn: Docket 5450-WR-106 Comments, Public Service Commission, P.O. Box 7854, Madison, WI 53707-7854.

To access the documents, schedule, and other information about this docket, go to the Commission's web site at <http://psc.wi.gov>, select the dropdown menu labeled 'eServices'. Select the item labeled "Docket Search (CMS)". On the next page enter 5450-WR-106 in the spaces labeled "Case #" and select "Search".

If you have any questions, please contact the Village of Shorewood Hills Water Utility at 608-267-2680.

<p>SERVICE DATE Jan 16, 2026</p>

PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of the Village of Shorewood Hills, Dane County, Wisconsin,
as a Water Public Utility, for Authority to Adjust Water Rates

5450-WR-106

NOTICE OF HEARING

Hearing Date:

Tuesday, February 3, 2026 - 10:00 a.m. CT

Hearing Location:

No Physical Location

Party and Commission Staff Participation:

The Commission shall receive evidence from the parties and Commission staff.
Parties and Commission staff shall either:

- (1) Attend any physical location as noticed for this session; or
- (2) Join Zoom at: <https://us02web.zoom.us/my/pshearings>



Public Participation:

The Commission shall receive comments from the public. To comment at the hearing,
a member of the public may either:

- (1) Attend any physical location as noticed for this session; or
- (2) Join Zoom at: <https://us02web.zoom.us/my/pshearings>
If no adequate internet connection exists, join Zoom by telephone.
Dial: +1 312 626 6799
Enter Meeting ID: 809 513 2930



Alternatively, a member of the public may comment in writing no later than
Thursday, February 5, 2026, by either:

- (1) The internet at:
<https://apps.psc.wi.gov/pages/publicCommentCase.htm?util=5450&case=WR&num=106>;
or
- (2) U.S. Mail at:
Docket 5450-WR-106 Comments
Public Service Commission
P.O. Box 7854
Madison, WI 53707-7854



Public Observation:

A member of the public may observe without participation any hearing session by:

1. Attending any physical location as noticed,
2. Watching on YouTube at:
<https://www.youtube.com/@PSCWI-Hearings>,
3. If no adequate internet connection exists, listening by telephone.
Dial: +1 312 626 6799
Enter Meeting ID: 809 513 2930



More Information:

Documents and Schedule. To access the documents, the current schedule, and other information about this docket, go to the PSC Case Management System at:
<https://apps.psc.wi.gov/APPS/dockets/content/detail.aspx?id=5450&case=WR&num=106>



Schedule Updates. To receive email updates to the schedule, subscribe to the docket calendar at: <https://apps.psc.wi.gov/apps/Calendar/External/Subscribe>



New Filings. To receive email notices of new filings in this docket go to ERF – EZ Subscriptions at: <https://apps.psc.wi.gov/Pages/ERFhome.htm>



Contact the Case Coordinator Erik Lindgren,
at (608) 261-9402 or Erik.Lindgren@wisconsin.gov



NOTICE IS GIVEN that the Public Service Commission of Wisconsin will hold a hearing in this docket as listed above. The presiding Administrative Law Judge (ALJ) may allot additional time to receive evidence and comments, if necessary.

This is a Class 1 proceeding as defined in Wis. Stat. § 227.01(3)(a).

PUBLIC COMMENTS. A person may testify in this proceeding without becoming a party and without attorney representation. A person may submit this testimony in only one of the ways listed above for making a public comment.

A person shall limit a public comment to non-technical personal knowledge or personal opinion. A person may include references to other materials in a comment, but may not include, as part of a comment, any document not written or substantially modified by that person. The Commission shall only accept documents that a person offers to supplement a comment for the purpose of showing the basis of an opinion, not for proof of the matter asserted.

A person shall only make a public comment on that person's own behalf. The Commission shall receive no comment offered on behalf of another person except for a comment that: (1) demonstrates on its face that the commentor freely and knowingly agreed to another person offering the comment on their behalf and agreed to forgo the opportunity to file their own comment, and (2) comes accompanied with a sworn statement by the person offering the comment that explains the process by which the comment was solicited, processed, and retained.

Only one comment may be submitted per person during a comment period. Parties may object to the receipt of a public comment. The Commission may reject a comment that does not comply with the requirements described in this notice.

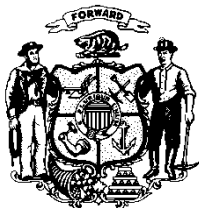
PUBLIC RECORDS. Any material submitted to the Commission is a public record and may appear on the Commission web site. For any hearing session livestreamed over YouTube, a recording will appear on the Commission's YouTube channel.

AMERICANS WITH DISABILITIES ACT. The Commission does not discriminate on the basis of disability in the provision of programs, services, or employment. Any person with a disability who needs accommodations to participate in this docket or who needs to obtain this document in a different format should contact the case coordinator listed above. Any hearing location is accessible to persons with a physical disability. Any hearing conducted with Zoom, and any livestream conducted over YouTube, will provide: (1) the image of the face of each person speaking, and (2) closed captioning.

A handwritten signature in black ink, appearing to read "Michael E. Newmark". The signature is stylized and cursive.

Michael E. Newmark
Administrative Law Judge

MEN:EAL:rgs DL:02118139



Public Service Commission of Wisconsin

Summer Strand, Chairperson
 Kristy Nieto, Commissioner
 Marcus Hawkins, Commissioner

4822 Madison Yards Way
 P.O. Box 7854
 Madison, WI 53707-7854

Public Service Commission of Wisconsin
 RECEIVED: 12/22/2025 12:45:01 PM

December 22, 2025

Brian Mooney, Village Administrator
 Village of Shorewood Hills Water Utility
 810 Shorewood Boulevard
 Madison, WI 53705-2215

Re: Application of the Village of Shorewood Hills, Dane
 County, Wisconsin, as a Water Public Utility, for Authority
 to Adjust Water Rates

5450-WR-106

Dear Brian Mooney:

Public Service Commission (Commission) staff have analyzed the Village of Shorewood Hills Water Utility (applicant) application for a water rate increase. The Commission received the application on July 29, 2025. The attached proposed exhibit (Exhibit) contains schedules showing Commission staff's proposed cost-of-service analysis and proposed rates. Commission staff intend to submit the Exhibit at the public hearing, which will be scheduled at a later date.

The revenue requirement for the 2025 test year is comprised of the following:

Operation and Maintenance Expenses	\$	436,116
Depreciation Expense	\$	74,629
Property Tax Equivalent and Other Taxes	\$	55,106
Return on Rate Base	\$	179,206
Total	\$	745,057

Commission staff used a 6.80 percent rate of return on the estimated water utility net investment rate base for the 2025 test year, as recommended by Commission staff's auditor in Ex.-PSC-Revenue Requirement. ([PSC REF#: 565029.](#))

Schedule 13 of the Exhibit shows the proposed rates that would increase annual revenues from water public utility service by an estimated \$107,900. Commission staff estimates that \$78,701 would be from general service customer charges, and \$29,199 would be from public fire protection (PFP) charges. The increase in water utility revenues would result from a 10.33 percent increase in gross plant investment and a 45.22 percent increase in operating expenses since the applicant's last water conventional rate case (CRC) in 2015.

The proposed overall increase in customer rates is 17.39 percent and is comprised of a 15.72 percent increase in general service charges and a 24.37 percent increase in PFP charges.

The larger percentage increase for PFP results from a greater proportion of the annual operating costs being allocated to PFP than what was allocated at the time of the applicant's last CRC. This cost allocation is based on current ratios of maximum general service demand to available PFP capacity. Commission staff believes the larger percentage increase in the PFP charge is reasonable, as it reflects the cost of providing service.

Under the rates proposed in the Exhibit, a typical single-family Residential customer's bill would increase 18.90 percent, including PFP. Schedule 14 of the Exhibit shows Commission staff's analysis of customer bills for comparison of proposed and present rates.

Schedule X-1, Water Utility Operating Rules of Schedule 13 includes changes to the applicant's filed rules that reflect the latest requirements in Wis. Admin. Code ch. PSC 185. Commission staff will recommend these changes to the Commission.

The proposed Commission staff Exhibit is intended to provide the Commission with Commission staff's analysis and is not a final decision. After review of the attached Exhibit, the applicant may, within five business days of the date of this letter, present its own analysis and may submit any additional information it believes to be pertinent to support its position. If Commission staff do not receive a response within that time, they will assume the applicant is in agreement with the staff proposal, and Commission staff will contact the applicant to schedule the public hearing. Please note that this is the applicant's primary opportunity to address any concerns or changes to Commission staff's proposed Exhibit.

The applicant should also be aware that the Commission will base its decision on the merits of the case and that the general service and PFP rates are typically effective within 90 days of the Final Decision.

In order to receive notification of official correspondence (i.e. data requests, notices, final decisions, etc.), individuals must subscribe to the Utility ID or PSC Docket. To subscribe, go to the Commission's [Electronic Records Filing \(ERF\)](#) system. For help subscribing, go to [Subscribing to Dockets](#).

Brian Mooney
Docket 5450-WR-106
Page 3

If you have any questions, please contact me.

Sincerely,

Erik Lindgren

Erik Lindgren
Public Utility Rate Analyst
Public Service Commission of Wisconsin
Division of Water Utility Regulation and Analysis
608.261.9402 | Erik.Lindgren@wisconsin.gov

EAL:ajh:rgs:kle DL:02114874

Attachment

cc: Jodi Dobson, Principal, Baker Tilly US LLP
Amanda Lasinski, Manager, Baker Tilly US LLP

Ex.-PSC-COSS and Rate Design

Village of Shorewood Hills Water Utility

	<u>Schedule</u>
Comparative Income Statement	1
Net Investment Rate Base	2
Utility Financed Plant in Service and Depreciation Expense	3
System Demand Ratios	4
Allocation of Utility Financed Plant to Service Cost Functions	5
Allocation of Total Plant to Service Cost Functions	5A
Allocation of Depreciation Expense to Service Cost Functions	6
Allocation of Operation and Maintenance Expenses to Service Cost Functions	7
Summary of Allocation of Operating Costs to Service Cost Functions	8
Customer Class Demand Ratios	9
Customer Class Allocation Factors	10
Allocation of Service Cost Functions to Customer Classes	11
Comparison of Revenue at Present Rates, Cost of Service and Proposed Rates	12
Proposed Water Rates and Rules	13
Customer Water Bill Comparison at Present and Proposed Rates	14

COMPARATIVE INCOME STATEMENT

ACCT NO.	OPERATING REVENUES	2021	2022	2023	2024	TEST YEAR 2025
460	Unmetered Sales to General Customers					
	Residential	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
	Multi-Family Residential	0	0	0	0	0
	Commercial	0	0	0	0	0
	Industrial	0	0	0	0	0
	Public Authority	0	0	0	0	0
	Irrigation	0	0	0	0	0
461	Metered Sales to General Customers					
	Residential	363,411	341,121	392,423	376,933	387,679
	Multi-Family Residential	32,068	25,871	30,745	33,270	31,620
	Commercial	50,621	55,773	56,496	57,573	59,253
	Industrial	0	0	0	0	0
	Public Authority	23,098	20,082	24,919	21,321	22,109
	Irrigation	0	0	0	0	0
	TOTAL GENERAL SALES	\$ 469,198	442,847	\$ 504,583	\$ 489,097	\$ 500,661
462	Private fire protection service	6,125	6,300	6,300	6,300	6,900
463	Public fire protection service	118,531	119,125	118,909	118,712	119,816
465	Other water sales	0	0	0	0	0
466	Sales for resale	0	0	0	0	0
467	Interdepartmental sales	0	0	0	0	0
470	Forfeited discounts	1,153	764	768	892	892
472	Rents from water property	0	0	0	0	0
473	Interdepartmental rents	0	0	0	0	0
474	Other water revenues	3,214	6,566	7,168	8,888	8,888
	TOTAL OPERATING REVENUES	\$ 598,221	\$ 575,602	\$ 637,728	\$ 623,889	\$ 637,157
OPERATING EXPENSES						
PLANT OPERATION AND MAINTENANCE						
600	Salaries and wages	\$ 19,051	\$ 16,412	\$ 20,951	\$ 19,826	\$ 18,435
610	Purchased water	196,464	179,064	242,867	262,886	269,721
620	Fuel or power purchased for pumping	14,559	12,159	15,962	18,065	16,000
630	Chemicals	0	0	0	0	0
640	Supplies and expenses	11,785	17,663	11,466	7,730	8,732
650	Repairs of water plant	0	0	41,927	7,461	5,000
660	Transportation expenses	0	13	237	0	0
	GENERAL OPERATING EXPENSES					
680	Administrative and general salaries	31,979	34,576	34,038	39,301	43,720
681	Office supplies and expenses	0	0	0	0	0
682	Outside services employed	14,066	22,202	17,274	20,281	20,500
684	Insurance Expense	0	3,800	3,300	683	900
686	Employee pensions and benefits	13,582	17,161	20,142	21,299	24,811
688	Regulatory commission expenses	0	0	786	0	4,400
689	Miscellaneous general expenses	16,379	16,706	26,404	24,823	23,897
690	Uncollectible accounts	0	0	0	0	0
691	Customer service and informational expense	0	0	0	0	0
	TOTAL OPER. & MAINT. EXPENSES	\$ 317,865	\$ 319,756	\$ 435,354	\$ 422,355	\$ 436,116
403	DEPRECIATION EXPENSE	70,586	71,146	71,700	71,800	74,629
404	AMORTIZATION EXPENSE	0	0	0	0	0
408	TAXES AND TAX EQUIVALENT	63,896	59,873	55,837	53,060	55,106
	TOTAL OPERATING EXPENSES	\$ 452,347	\$ 450,775	\$ 562,891	\$ 547,215	\$ 565,851
	NET OPERATING INCOME	\$ 145,874	\$ 124,827	\$ 74,837	\$ 76,674	\$ 71,306

NET INVESTMENT RATE BASE

UTILITY FINANCED PLANT IN SERVICE	\$ 3,775,484
Less: ACCUMULATED PROVISION FOR DEPRECIATION	<u>1,140,104</u>
NET PLANT IN SERVICE	\$ 2,635,380
Plus: MATERIALS AND SUPPLIES	<u>0</u>
NET INVESTMENT RATE BASE	<u><u>\$ 2,635,380</u></u>
RATE OF RETURN ON RATE BASE	6.80%

**ESTIMATED INCOME STATEMENT FOR THE 2025 TEST YEAR
AND
REVENUE REQUIREMENT TO YIELD A 6.80% RETURN ON NET INVESTMENT RATE BASE**

	<u>Present Rates</u>	<u>Increase</u>	<u>After Rate Increase</u>
TOTAL OPERATING REVENUES	\$ <u>637,157</u>	\$ <u>107,900</u>	\$ <u>745,057</u>
OPERATING EXPENSES:			
OPERATION & MAINTENANCE EXPENSES	\$ 436,116		\$ 436,116
DEPRECIATION EXPENSE	74,629		74,629
AMORTIZATION EXPENSE	0		0
TAXES AND TAX EQUIVALENT	<u>55,106</u>		<u>55,106</u>
TOTAL OPERATING EXPENSES	\$ <u>565,851</u>		\$ <u>565,851</u>
NET OPERATING INCOME (LOSS)	\$ <u>71,306</u>		<u><u>\$ 179,206</u></u>
RATE OF RETURN ON RATE BASE	2.71%		6.80%

**UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2025**

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance 12/31/2024 (\$)</u>	<u>Major Additions</u>		<u>Retirements (\$)</u>	<u>Balance 12/31/2025 (\$)</u>	<u>Test Year Rate Base Balance (\$)</u>	<u>Depreciation</u>	
			<u>Less Retirements (\$)</u>	<u>Normal Additions (\$)</u>				<u>Rate (%)</u>	<u>Expense (\$)</u>
INTANGIBLE PLANT									
301	Organization	0	0	0	0	0	0	N/A	0
302	Franchises and Consents	0	0	0	0	0	0	N/A	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	N/A	0
SOURCE OF SUPPLY									
310	Land and Land Rights	0	0	0	0	0	0	N/A	0
311	Structures and Improvements	0	0	0	0	0	0	3.20%	0
312	Collecting and Impounding Reservoirs	0	0	0	0	0	0	1.70%	0
313	Lake, River, and Other Intakes	0	0	0	0	0	0	1.70%	0
314	Wells and Springs	0	0	0	0	0	0	2.90%	0
316	Supply Mains	0	0	0	0	0	0	1.80%	0
317	Other Water Source Plant	0	0	0	0	0	0	4.50%	0
PUMPING PLANT									
320	Land and Land Rights	0	0	0	0	0	0	N/A	0
321	Structures and Improvements	149,313	0	0	0	149,313	149,313	3.20%	4,778
323	Other Power Production Equipment	0	0	0	0	0	0	4.40%	0
325	Electric Pumping Equipment	139,652	0	0	0	139,652	139,652	4.40%	6,145
326	Diesel Pumping Equipment	0	0	0	0	0	0	4.40%	0
328	Other Pumping Equipment	14,018	0	0	0	14,018	14,018	4.40%	617
WATER TREATMENT PLANT									
330	Land and Land Rights	0	0	0	0	0	0	N/A	0
331	Structures and Improvements	0	0	0	0	0	0	3.20%	0
332	Sand or Other Media Filtration Equipment	0	0	0	0	0	0	3.30%	0
333	Membrane Filtration Equipment	0	0	0	0	0	0	6.00%	0
334	Other Water Treatment Equipment	0	0	0	0	0	0	6.00%	0

UTILITY FINANCED PLANT IN SERVICE AND DEPRECIATION EXPENSE
TEST YEAR 2025
(continued)

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	<u>Balance</u>	<u>Major</u>	<u>Normal</u>	<u>Retirements</u>	<u>Balance</u>	<u>TEST YEAR</u>	<u>DEPRECIATION</u>	
		<u>12/31/2024</u>	<u>Additions</u>	<u>Additions</u>		<u>12/31/2025</u>	<u>RATE BASE</u>	<u>RATE</u>	<u>EXPENSE</u>
		<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(%)</u>	<u>(\$)</u>
TRANSMISSION & DISTRIBUTION PLANT									
340	Land and Land Rights	11,512	0	0	0	11,512	11,512	N/A	0
341	Structures and Improvements	0	0	0	0	0	0	3.20%	0
342	Distribution Reservoirs and Standpipes	0	0	0	0	0	0	1.90%	0
343	Transmission and Distribution Mains	2,372,369	0	0	0	2,372,369	2,372,369	1.30%	30,841
345	Services	485,075	0	0	0	485,075	485,075	2.90%	14,067
346	Meters	158,981	0	187,000	23,075	322,906	240,944	5.50%	6,626
348	Hydrants	325,052	0	0	0	325,052	325,052	2.20%	7,151
349	Other Transmission and Distribution Plant	734	0	0	0	734	734	5.00%	37
GENERAL PLANT									
389	Land and Land Rights	0	0	0	0	0	0	N/A	0
390	Structures and Improvements	0	0	0	0	0	0	2.90%	0
391	Office Furniture and Equipment	693	0	0	0	693	693	5.80%	40
391	Computer Equipment	8,233	0	0	0	8,233	8,233	26.70%	2,198
392	Transportation Equipment	0	0	0	0	0	0	13.30%	0
393	Stores Equipment	0	0	0	0	0	0	5.80%	0
394	Tools, Shop and Garage Equipment	3,808	0	0	0	3,808	3,808	5.80%	221
395	Laboratory Equipment	426	0	0	0	426	426	5.80%	25
396	Power Operated Equipment	0	0	0	0	0	0	7.50%	0
397	Communication Equipment	0	0	0	0	0	0	15.00%	0
397	SCADA Equipment	15,019	0	0	0	15,019	15,019	9.20%	1,382
398	Miscellaneous Equipment	8,636	0	0	0	8,636	8,636	5.80%	501
TOTAL UTILITY FINANCED PLANT IN SERVICE		3,693,521	0	187,000	23,075	3,857,446	3,775,484		74,629

Village of Shorewood Hills Water Utility

SYSTEM DEMAND RATIOS

MAXIMUM DAY SYSTEM DEMAND

TOTAL ANNUAL PUMPAGE 59,293,901 Gallons

AVERAGE DAILY PUMPAGE 162,449 Gallons

MAXIMUM DAY PUMPAGE 406,123 Gallons

FIRE FLOW:

GAL/MIN	1,000	
DURATION (HOURS)	1.50	
TOTAL FLOW	90,000	Gallons

AVERAGE DAY PLUS FIRE FLOW 252,449 Gallons

RATIO: BASE = $\frac{162,449}{406,123} = 40.00\%$

MAX DAY = 100-BASE = 60.00%

MAXIMUM HOUR SYSTEM DEMAND

AVERAGE HOUR ON MAX DAY 16,922 Gallons

MAXIMUM HOUR PUMPAGE 23,690 Gallons

AVERAGE HOUR PLUS ONE HOUR FIRE FLOW 66,769 Gallons

RATIO: BASE = $\frac{162,449}{1,602,449} = 10.14\%$ Use 10.14%

MAX HOUR = 100-BASE = 89.86% Use 89.86%

**ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS**

<u>ACCT NO.</u>	<u>ACCOUNT DESCRIPTION</u>	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			Fire Protection (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
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								
317	Other Water Source Plant	0	0		0								
PUMPING PLANT													
320	Land and Land Rights	0	0		0								
321	Structures and Improvements	149,313	59,725		89,588								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	139,652	55,861		83,791								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	14,018	5,607		8,411								
WATER TREATMENT PLANT													
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	0	0		0								

**ALLOCATION OF UTILITY FINANCED PLANT
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)	
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)		Equivalent Service (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	11,512	0	809	0	0	0	7,169	0	0	810	1,631	1,093
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	0	0										
343	Transmission mains	0	0		0								
343	Distribution mains	2,372,369		240,500				2,131,869					
345	Services	485,075									485,075		
346	Meters	240,944								240,944			
348	Hydrants	325,052											325,052
349	Other Transmission and Distribution Plant	734	0	52	0	0	0	457	0	0	52	104	70
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	693	22	45	34	0	0	397	0	0	45	90	60
391	Computer Equipment	8,233	267	532	400	0	0	4,711	0	0	532	1,072	718
392	Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	3,808	123	246	185	0	0	2,179	0	0	246	496	332
395	Laboratory Equipment	426	14	28	21	0	0	244	0	0	28	55	37
396	Power Operated Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	15,019	487	970	730	0	0	8,595	0	0	971	1,956	1,310
398	Miscellaneous Equipment	8,636	280	558	420	0	0	4,942	0	0	559	1,124	754
TOTAL		3,775,484	122,387	243,737	183,580	0	0	2,160,563	0	0	244,187	491,604	329,427

**ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY			MAX HOUR			CUSTOMER COSTS		
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	System (\$)	Distribution (\$)	Storage (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
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								
317	Other Water Source Plant	0	0		0								
PUMPING PLANT													
320	Land and Land Rights	0	0		0								
321	Structures and Improvements	149,313	59,725		89,588								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	139,652	55,861		83,791								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	14,018	5,607		8,411								
WATER TREATMENT PLANT													
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	0	0		0								

**ALLOCATION OF TOTAL PLANT
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY			MAX HOUR		CUSTOMER COSTS			Fire Protection (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	System (\$)	Distribution (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	11,512	0	804	0	0	0	7,123	0	0	771	1,676	1,138
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	0	0						0				
343	Transmission mains	0	0		0								
343	Distribution mains	2,476,884		251,095				2,225,789					
345	Services	523,801										523,801	
346	Meters	240,944								240,944			
348	Hydrants	355,563											355,563
349	Other Transmission and Distribution Plant	734	0	51	0	0	0	454	0	0	49	107	73
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	693	21	45	32	0	0	396	0	0	43	93	63
391	Computer Equipment	8,233	255	530	383	0	0	4,700	0	0	509	1,106	751
392	Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	3,808	118	245	177	0	0	2,174	0	0	235	512	347
395	Laboratory Equipment	426	13	27	20	0	0	243	0	0	26	57	39
396	Power Operated Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	15,019	465	967	698	0	0	8,573	0	0	928	2,018	1,370
398	Miscellaneous Equipment	8,636	268	556	401	0	0	4,930	0	0	534	1,160	788
	TOTAL	3,949,236	122,334	254,321	183,500	0	0	2,254,381	0	0	244,039	530,530	360,131

**ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS**

ACCT NO.	ACCOUNT DESCRIPTION	EXTRA-CAPACITY											
		TOTAL (\$)	BASE COSTS		MAX DAY		MAX HOUR			CUSTOMER COSTS			Fire Protection (\$)
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
INTANGIBLE PLANT													
301	Organization	0	0	0	0	0	0	0	0	0	0	0	0
302	Franchises and Consents	0	0	0	0	0	0	0	0	0	0	0	0
303	Miscellaneous Intangible Plant	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE OF SUPPLY													
310	Land and Land Rights	0	0		0								
311	Structures and Improvements	0	0		0								
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								
317	Other Water Source Plant	0	0		0								
PUMPING PLANT													
320	Land and Land Rights	0	0		0								
321	Structures and Improvements	4,778	1,911		2,867								
323	Other Power Production Equipment	0	0		0								
325	Electric Pumping Equipment	6,145	2,458		3,687								
326	Diesel Pumping Equipment	0	0		0								
328	Other Pumping Equipment	617	247		370								
WATER TREATMENT PLANT													
330	Land and Land Rights	0	0		0								
331	Structures and Improvements	0	0		0								
332	Sand or Other Media Filtration Equipment	0	0		0								
333	Membrane Filtration Equipment	0	0		0								
334	Other Water Treatment Equipment	0	0		0								

**ALLOCATION OF DEPRECIATION EXPENSE
TO SERVICE COST FUNCTIONS
(continued)**

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)
			BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
TRANSMISSION & DISTRIBUTION PLANT													
340	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
341	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
342	Distribution Reservoirs and Standpipes	0	0					0					
343	Transmission mains	0	0		0								
343	Distribution mains	30,841		3,127				27,714					
345	Services	14,067										14,067	
346	Meters	6,626								6,626			
348	Hydrants	7,151											7,151
349	Other Transmission and Distribution Plant	37	0	2	0	0	0	17	0	0	4	9	5
GENERAL PLANT													
389	Land and Land Rights	0	0	0	0	0	0	0	0	0	0	0	0
390	Structures and Improvements	0	0	0	0	0	0	0	0	0	0	0	0
391	Office Furniture and Equipment	40	3	2	4	0	0	16	0	0	4	8	4
391	Computer Equipment	2,198	144	98	217	0	0	868	0	0	207	440	224
392	Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0
393	Stores Equipment	0	0	0	0	0	0	0	0	0	0	0	0
394	Tools, Shop and Garage Equipment	221	15	10	22	0	0	87	0	0	21	44	23
395	Laboratory Equipment	25	2	1	2	0	0	10	0	0	2	5	3
396	Power Operated Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	Communication Equipment	0	0	0	0	0	0	0	0	0	0	0	0
397	SCADA Equipment	1,382	91	62	136	0	0	545	0	0	130	277	141
398	Miscellaneous Equipment	501	33	22	49	0	0	198	0	0	47	100	51
	TOTAL	74,629	4,903	3,323	7,354	0	0	29,456	0	0	7,042	14,951	7,600

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

ACCT NO.	ACCOUNT DESCRIPTION	TOTAL (\$)	EXTRA-CAPACITY							CUSTOMER COSTS			Fire Protection (\$)
			BASE COSTS		MAX DAY		MAX HOUR			Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
			System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)				
PLANT OPERATION AND MAINTENANCE													
600	Salaries and wages	18,435	343	712	514	0	0	6,314	0	7,374	684	1,486	1,009
610	Purchased water	269,721	269,721										0
620	Fuel or power purchased for pumping	16,000	16,000										
630	Chemicals	0	0										
640	Supplies and expenses	8,732	270	562	406	0	0	4,985	0	0	540	1,173	796
650	Repairs of water plant	5,000	155	322	232	0	0	2,854	0	0	309	672	456
660	Transportation expenses	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL OPERATING EXPENSES													
680	Administrative and general salaries	43,720	813	1,689	1,219	0	0	14,974	0	17,488	1,621	3,524	2,392
681	Office supplies and expenses	0	0	0	0	0	0	0	0	0	0	0	0
682	Outside services employed	20,500	427	888	640	0	0	7,868	0	6,716	852	1,852	1,257
684	Insurance Expense	900	19	39	28	0	0	345	0	295	37	81	55
686	Employee pensions and benefits	24,811	517	1,074	775	0	0	9,523	0	8,129	1,031	2,241	1,521
688	Regulatory commission expenses	4,400	92	191	137	0	0	1,689	0	1,442	183	397	270
689	Miscellaneous general expenses	23,897	498	1,035	747	0	0	9,172	0	7,829	993	2,159	1,465
690	Uncollectible accounts	0								0			
691	Customer service and informational expense	0								0			
TOTAL OPERATION & MAINTENANCE EXPENSES		436,116	288,853	6,512	4,699	0	0	57,725	0	49,272	6,249	13,585	9,221

SUMMARY OF ALLOCATION OF OPERATING COSTS TO SERVICE COST FUNCTIONS

<u>OPERATING COST</u>	EXTRA-CAPACITY											
	TOTAL (\$)	BASE COSTS		MAX DAY			MAX HOUR		CUSTOMER COSTS			Fire Protection (\$)
		System (\$)	Distribution (\$)	System (\$)	Distribution (\$)	Storage (\$)	System (\$)	Distribution (\$)	Billing (\$)	Equivalent Meter (\$)	Equivalent Service (\$)	
OPERATION AND MAINTENANCE	436,116	288,853	6,512	4,699	0	0	57,725	0	49,272	6,249	13,585	9,221
DEPRECIATION EXPENSE	74,629	4,903	3,323	7,354	0	0	29,456	0	0	7,042	14,951	7,600
AMORTIZATION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0
TAXES AND TAX EQUIVALENT	55,106	1,707	3,549	2,560	0	0	31,457	0	0	3,405	7,403	5,025
RETURN ON NET INVESTMENT RATE BASE	179,206	5,809	11,569	8,714	0	0	102,553	0	0	11,590	23,334	15,636
TOTAL	745,057	301,272	24,953	23,327	0	0	221,190	0	49,272	28,287	59,272	37,483

CUSTOMER CLASS DEMAND RATIOS

CUSTOMER CLASS	BASE COSTS					EXTRA-CAPACITY MAX DAY DEMAND					EXTRA-CAPACITY MAX HOUR DEMAND					
	Annual Volume 100 CCF	Average Day Volume CF	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Extra Capacity Ratio	Volume Rate CF Per Day	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Extra Capacity Ratio	Volume Rate CF Per Hour	Percent (%)	System Adjusted Percent (%)	Distribution Adjusted Percent (%)	Storage Adjusted Percent (%)
Residential	45,759	12,537	73.27%	73.27%	73.27%	3.00	37,610	61.30%	61.30%	61.30%	5.80	3,030	25.33%	38.47%	38.47%	25.33%
Multifamily Residential	4,836	1,325	7.74%	7.74%	7.74%	2.80	3,710	6.05%	6.05%	6.05%	5.30	293	2.45%	3.72%	3.72%	2.45%
Commercial	8,100	2,219	12.97%	12.97%	12.97%	2.60	5,770	9.40%	9.40%	9.40%	4.80	444	3.71%	5.64%	5.64%	3.71%
Public Authority	3,135	859	5.02%	5.02%	5.02%	2.60	2,233	3.64%	3.64%	3.64%	4.80	172	1.44%	2.18%	2.18%	1.44%
Public Fire Protection	625	171	1.00%	1.00%	1.00%		12,032	19.61%	19.61%	19.61%		8,021	67.07%	50.00%	50.00%	67.07%
TOTALS	62,453	17,111	100%	100%	100%		61,354	100%	100%	100%		11,959	100%	100%	100%	100%

50% 50% <-- Public Fire % Limits --> 50% 50% 80%

Maximum Day Demand = 66,262 (CUBIC FEET/DAY) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM DAY EXTRA CAPACITY DEMAND

Maximum Hour Demand = 4,644 (CUBIC FEET/HR) SUM OF GENERAL SERVICE AVERAGE AND MAXIMUM HOUR EXTRA CAPACITY DEMAND

1.22 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX DAY

1.47 = NON-COINCIDENT / COINCIDENT RATIO FOR MAX HOUR

CUSTOMER CLASS ALLOCATION FACTORS

NUMBER OF METERS

Meter size (inches):	NUMBER OF METERS												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	METERS	PERCENT
Residential	388	155	52	0	2	0	0	0	0	0	0	0	0	597	94.9%
Multifamily Residential	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0.3%
Commercial	1	3	10	0	4	4	0	1	0	0	0	0	0	23	3.7%
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Public Authority	1	1	2	0	0	2	0	1	0	0	0	0	0	7	1.1%
TOTALS	390	159	64	0	6	7	0	3	0	0	0	0	0	629	100.0%

EQUIVALENT METERS

ALLOCATION FACTOR: Meter size (inches): Equiv. meters ratio:	EQUIVALENT METERS												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	EQUIV. METERS	PERCENT
Residential	388	155	130	0	10	0	0	0	0	0	0	0	0	683	81.3%
Multifamily Residential	0	0	0	0	0	8	0	15	0	0	0	0	0	23	2.7%
Commercial	1	3	25	0	20	32	0	15	0	0	0	0	0	96	11.4%
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Public Authority	1	1	5	0	0	16	0	15	0	0	0	0	0	38	4.5%
TOTALS	390	159	160	0	30	56	0	45	0	0	0	0	0	840	100.0%

EQUIVALENT SERVICES

ALLOCATION FACTOR: Meter size (inches): Equiv. services ratio:	EQUIVALENT SERVICES												TOTAL		
	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8	10	12	EQUIV. SERVICES	PERCENT
Residential	388	155	68	0	4	0	0	0	0	0	0	0	0	615	90.8%
Multifamily Residential	0	0	0	0	0	3	0	4	0	0	0	0	0	7	1.0%
Commercial	1	3	13	0	8	12	0	4	0	0	0	0	0	41	6.1%
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Public Authority	1	1	3	0	0	6	0	4	0	0	0	0	0	15	2.2%
TOTALS	390	159	83	0	12	21	0	12	0	0	0	0	0	677	100.0%

ALLOCATION OF SERVICE COST FUNCTIONS TO CUSTOMER CLASSES

	TOTAL	Residential	Multifamily Residential	Commercial	Public Authority	Public Fire Protection
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
BASE COSTS:						
SYSTEM	301,272	220,738	23,328	39,072	15,122	3,013
DISTRIBUTION	24,953	18,283	1,932	3,236	1,252	250
EXTRA-CAPACITY COSTS:						
MAXIMUM-DAY SYSTEM	23,327	14,300	1,410	2,194	849	4,575
MAXIMUM-DAY DISTRIBUTION	0	0	0	0	0	0
MAXIMUM-HOUR SYSTEM	0	0	0	0	0	0
MAXIMUM-HOUR DISTRIBUTION	221,190	85,089	8,217	12,464	4,824	110,595
MAXIMUM-HOUR STORAGE	0	0	0	0	0	0
CUSTOMER COSTS:						
BILLING	49,272	46,766	157	1,802	548	
EQUIVALENT METERS	28,287	23,000	775	3,233	1,280	
EQUIVALENT SERVICES	59,272	53,793	613	3,589	1,278	
FIRE PROTECTION	37,483					37,483
TOTAL COST	745,057	461,968	36,432	65,589	25,153	155,915
LESS OTHER REVENUE	16,680	7,669	605	1,089	418	6,900
COST OF SERVICE	728,377	454,299	35,827	64,500	24,736	149,015
REVENUE AT PRESENT RATES	620,477	387,679	31,620	59,253	22,109	119,816
DIFFERENCE	107,900	66,620	4,207	5,247	2,627	29,199
PERCENT INCREASE/DECREASE	17.39%	17.18%	13.31%	8.86%	11.88%	24.37%

Village of Shorewood Hills 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	\$387,679	\$454,299	17.18%	\$454,673	17.28%	100.08%
Multifamily Residential	\$31,620	\$35,827	13.31%	\$34,297	8.47%	95.73%
Commercial	\$59,253	\$64,500	8.86%	\$66,155	11.65%	102.57%
Public Authority	\$22,109	\$24,736	11.88%	\$24,275	9.80%	98.14%
Public Fire Protection	\$119,816	\$149,015	24.37%	\$149,019	24.37%	100.00%
Total	\$620,477	\$728,377	17.39%	\$728,419	17.40%	100.01%

Docket 5450-WR-106

Schedule 13

Village of Shorewood Hills Water Utility

Proposed Water Rates and Rules

Docket 5450-WR-106

Village of Shorewood Hills Water Utility

Water Rate File Changes

Amended

PWAC-1

F-1

Upf-1

Mg-1

Am-1

OC-1

Mpa-1

Ug-1

BW-1

R-1

Cz-1

X-1

X-2

X-3

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Purchased Water Adjustment Clause

Village of Shorewood Hills Water Utility (utility) may apply a purchased water adjustment clause (PWAC) to its water rates set forth under Schedules F-1 and Mg-1 to reflect an increase or decrease in the rates charged by its wholesale water supplier, Madison Water Utility (wholesaler), **and only when the wholesaler’s rates are adjusted through the conventional rate case process.**

Adjustments under this PWAC that result in an increase cannot be effective until the utility has filed the PWAC application with the Public Service Commission (Commission), the utility provides notice to its customers of such change in rates, and the Commission holds a public hearing and authorizes the rate adjustments in a Final Decision.

Calculation of Adjusted Monthly Public Fire Protection Service Charges - - - F-1

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

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

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

Z = Current Schedule F-1 direct monthly 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 monthly wholesale public fire protection service charge.

B = Current monthly wholesale public fire protection service charge.

T = Total monthly dollar revenue from monthly retail service charges per rate Schedule F-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Purchased Water Adjustment Clause

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

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

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

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

Z = Current Schedule Mg-1 monthly 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 monthly wholesale service charge.

B = Current monthly wholesale service charge.

T = Total monthly dollar revenue from monthly retail service charges per 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 Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Public Fire Protection Service

Public fire protection 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.

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.

Monthly Public Fire Protection Service Charges:

5/8 - inch meter:	\$ 14.78	3 - inch meter:	\$ 222.00
3/4 - inch meter:	\$ 14.78	4 - inch meter:	\$ 370.00
1 - inch meter:	\$ 37.00	6 - inch meter:	\$ 740.00
1 1/4 - inch meter:	\$ 55.00	8 - inch meter:	\$ 1,183.00
1 1/2 - inch meter:	\$ 74.00	10 - inch meter:	\$ 1,774.00
2 - inch meter:	\$ 118.00	12 - inch meter:	\$ 2,366.00

Customers who are provided service under Schedules Mg-1, Ug-1 or Sg-1 shall also be subject to the charges in this schedule according to the size of their primary meter. Customers who are provided service under Schedule Am-1 are exempt from these charges for any additional meters.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Private Fire Protection Service – Unmetered

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.

Monthly Private Fire Protection Service Demand Charges:

2 - inch or smaller connection:	\$	11.50
3 - inch connection:	\$	23.00
4 - inch connection:	\$	34.50
6 - inch connection:	\$	69.00
8 - inch connection:	\$	103.50
10 - inch connection:	\$	161.00
12 - inch connection:	\$	218.50
14 - inch connection:	\$	276.00
16 - inch connection:	\$	322.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

General Service – Metered

Monthly Service Charges:

5/8 - inch meter:	\$ 17.00	3 - inch meter:	\$ 78.00
3/4 - inch meter:	\$ 17.00	4 - inch meter:	\$ 114.00
1 - inch meter:	\$ 24.00	6 - inch meter:	\$ 191.00
1 1/4 - inch meter:	\$ 30.00	8 - inch meter:	\$ 283.00
1 1/2 - inch meter:	\$ 36.00	10 - inch meter:	\$ 402.00
2 - inch meter:	\$ 51.00	12 - inch meter:	\$ 522.00

Plus Volume Charges:

First 12,500 cubic feet used each month:	\$7.17 per 100 cubic feet
Over 12,500 cubic feet used each month:	\$6.15 per 100 cubic feet

Billing: Bills for water service are rendered monthly 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. The 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. Adm. 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 when metering configurations support such an approach. Meter readings from individually metered separate service laterals shall not be combined for billing purposes.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Additional Meter Rental Charge

Upon request, the utility shall furnish and install additional meters to:

- A. Water service customers for the purpose of measuring the volume of water used that is not discharged into the sanitary sewer system; and
- B. Sewerage service customers who are not customers of the water utility for the purpose of determining the volume of sewage that is discharged into the sanitary sewer system.

The utility shall charge a meter installation charge of \$50.00 and a monthly rental fee for the use of this additional meter.

Monthly Additional Meter Rental Charges:

5/8 - inch meter:	\$	8.50
3/4 - inch meter:	\$	8.50
1 - inch meter:	\$	12.00
1 1/4 - inch meter:	\$	15.00
1 1/2 - inch meter:	\$	18.00
2 - inch meter:	\$	25.50

This schedule applies only if the additional meter is installed on the same service lateral as the primary meter and either:

- A. The additional meter is 3/4-inch or smaller if the metering configuration is the Addition Method; or
- B. The additional meter is 2-inch or smaller for all other metering configurations.

If the additional meter is larger than 2-inch or larger than 3/4-inch and installed in the Addition Method, each meter shall be treated as a separate account and Schedule Mg-1 rates shall apply.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Other Charges

Payment Not Honored by Financial Institution Charge: The utility shall assess a \$35.00 charge when a payment rendered for utility service is not honored by the customer’s financial institution. This charge may not be in addition to, but may be inclusive of, other such charges when the payment was for multiple services.

Special Billing Charge: The utility shall assess a \$25.00 charge to the requestor to cover administrative expenses whenever an existing customer or the property owner requests a special billing outside of the normal utility billing. This charge may not be assessed to a new customer.

Special Meter Reading Charge: The utility shall assess a \$25.00 charge to the requestor whenever an existing customer or the property owner requests a special meter reading by utility personnel on a date other than the regularly scheduled meter reading. This charge may not be assessed if the customer or the property owner provides the meter reading. This charge may not be assessed to a new customer.

Missed Appointment Charge: The utility shall assess a missed appointment charge when a customer, without providing reasonable cancellation notice, fails to be present at the customer’s location for an appointment scheduled with utility personnel. The utility may not apply the charge for the first such missed appointment during normal business hours. The utility shall apply the charge for the first such missed appointment after normal business hours.

During normal business hours:	\$40.00
After normal business hours:	\$80.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Public Service

Metered Service

Water used by the Village of Shorewood Hills on an intermittent basis for flushing sewers, street washing, flooding skating rinks, drinking fountains, etc., shall be metered and billed according to the rates set forth in Schedule Mg-1.

Unmetered Service

Where it is impossible to meter the service, the utility shall estimate the volume of water used based on the pressure, size of opening, and the period of time the water is used. The estimated quantity shall be billed at the volumetric rates set forth in Schedule Mg-1, excluding any service charges.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

General Water Service - Unmetered

Service may be supplied temporarily on an unmetered basis where the utility cannot immediately install a water meter, including water used for construction. Unmetered service shall be billed the amount that would be charged to a metered residential customer using 600 cubic feet of water monthly under Schedule Mg-1, including the service charge for a 5/8-inch meter. If the utility determines that actual usage exceeds 600 cubic feet of water monthly, an additional charge for the estimated excess usage shall be made according to the rates under Schedule Mg-1.

This schedule applies only to customers with a 1-inch or smaller service connection. For customers with a larger service connection, the utility shall install a temporary meter and charges shall be based on the rates set forth under Schedule Mg-1.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Bulk Water

All bulk water supplied from the water system through hydrants or other connections shall be metered or estimated by the utility. Utility personnel or a party approved by the utility 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 service area;
- B. Water supplied by tank trucks or from hydrants for purposes other than extinguishing fires, such as water used for irrigation or filling swimming pools; or,
- C. Water supplied from hydrants or other temporary connections for general service type applications, except that Schedule Ug-1 applies for water supplied for construction purposes.

A service charge of \$50.00 and a charge for the volume of water used shall be billed to the party using the water. The volumetric charge shall be calculated using the highest volumetric rate for residential customers under Schedule Mg-1. In addition, for meters that are assigned to bulk water customers for more than 7 days, the applicable service charge in Schedule Mg-1 will apply after the first 7 days.

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

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Reconnection Charges

The utility shall assess a charge to reconnect a customer, which includes reinstalling a meter and turning on the valve at the curb stop, if necessary. A utility may not assess a charge for disconnecting a customer.

During normal business hours: \$50.00

After normal business hours: \$70.00

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Lateral Installation Charge

The utility shall charge a customer for the actual cost of installing a water service lateral from the main through curb stop and box if these costs are not contributed as part of a subdivision development or otherwise recovered under Wis. Stats. Chapter 66.

Billing: Same as Schedule Mg-1.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Compliance with Rules

All persons now receiving water service from this water utility, or who may request service in the future, shall be considered as having agreed to be bound by the rules and regulations as filed with the Public Service Commission of Wisconsin.

Establishment of Service

Application for water service may be made in writing on a form furnished by the water utility. The application will contain the legal description of the property to be served, the name of the owner, the exact use to be made of the service, and the size of the service lateral and meter desired. Note particularly any special refrigeration, fire protection, or water-consuming air-conditioning equipment.

Service will be furnished only if (1) the premises have a frontage on a properly platted street or public strip in which a cast iron or other long-life water main has been laid, or where the property owner has agreed to and complied with the provisions of the water utility's filed main extension rule, (2) the property owner has installed or agrees to install a service lateral from the curb stop to the point of use that is not less than 6 feet below the surface of an established or proposed grade and meets the water utility's specifications, and (3) the premises have adequate piping beyond the metering point.

The owner of a multi-unit dwelling has the option of being served by individual metered water service to each unit. The owner, by selecting this option, is required to provide interior plumbing and meter settings to enable individual metered service to each unit and individual disconnection without affecting service to other units. Each meter and meter connection will be treated as a separate water utility account for the purpose of the filed rules and regulations.

No division of the water service lateral to any lot or parcel of land shall be made for the extension and independent metering of the supply to an adjoining lot or parcel of land. Except for duplexes, no division of a water service lateral shall be made at the curb for separate supplies for two or more separate premises having frontage on any street or public service strip, whether owned by the same or different parties. Duplexes may be served by one lateral provided (1) individual metered service and disconnection is provided and (2) it is permitted by local ordinance.

Buildings used in the same business, located on the same parcel, and served by a single lateral may have the customer's water supply piping installed to a central point so that volume can be metered in one place.

The water utility may withhold approval of any application where full information of the purpose of such supply is not clearly indicated and set forth by the applicant property owner.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Reconnection of Service

Where the water utility has disconnected service at the customer's request, a reconnection charge shall be made when the customer requests reconnection of service. See Schedule R-1 for the applicable rate.

A reconnection charge shall also be required from customers whose services are disconnected (shut off at curb stop box) because of nonpayment of bills when due. See Schedule R-1 for the applicable rate.

If reconnection is requested for the same location by any member of the same household, or, if a place of business, by any partner of the same business, it shall be considered as the same customer.

Temporary Metered Service, Meter, and Deposits

An applicant for temporary water service on a metered basis shall make and maintain a monetary deposit for each meter installed as security for payment for use of water and for such other charges which may arise from the use of the supply. A charge shall be made for setting the valve and furnishing and setting the meter. See Schedule BW-1 for the applicable rate.

Water for Construction

When water is requested for construction purposes or for filling tanks or other such uses, an application shall be made to the water utility, in writing, giving a statement of the amount of construction work to be done or the size of the tank to be filled, etc. Payment for the water for construction may be required in advance at the scheduled rates. The service lateral must be installed into the building before water can be used. No connection with the service lateral at the curb shall be made without special permission from the water utility. In no case will any employee of the water utility turn on water for construction work unless the contractor has obtained permission from the water utility.

Customers shall not allow contractors, masons, or other persons to take unmetered water from their premises without permission from the water utility. Any customer failing to comply with this provision may have water service discontinued and will be responsible for the cost of the estimated volume of water used.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Use of Hydrants

In cases where no other supply is available, permission may be granted by the water utility to use a hydrant. No hydrant shall be used until the proper meter and valve are installed. In no case shall any valve be installed or moved except by an employee of the water utility.

Before a valve is set, payment must be made for its setting and for the water to be used at the scheduled rates. Where applicable, see Schedule BW-1 for deposits and charges. Upon completing the use of the hydrant, the customer must notify the water utility to that effect.

Operation of Valves and Hydrants and Unauthorized Use of Water - Penalty

Any person who shall, without authority of the water utility, allow contractors, masons, or other unauthorized persons to take water from their premises, operate any valve connected with the street or supply mains, or open any fire hydrant connected with the distribution system, except for the purpose of extinguishing fire, or who shall wantonly damage or impair the same, shall be subject to a fine as provided by municipal ordinance. Utility permission for the use of hydrants applies only to such hydrants that are designated for the specific use.

Refunds of Monetary Deposits

All money deposited as security for payment of charges arising from the use of temporary water service on a metered basis, or for the return of a hydrant valve and fixtures if the water is used on an unmetered basis, will be refunded to the depositor on the termination of the use of water, the payment of all charges levied against the depositor, and the return of the water utility's equipment.

Service Laterals

No water service lateral shall be laid through any trench having cinders, rubbish, rock or gravel fill, or any other material which may cause injury to or disintegration of the service lateral, unless adequate means of protection are provided by sand filling or such other insulation as may be approved by the water utility. Service laterals passing through curb or retaining walls shall be adequately safeguarded by provision of a channel space or pipe casing not less than twice the diameter of the service connection. The space between the service lateral and the channel or pipe casing shall be filled and lightly caulked with an oakum, mastic cement, or other resilient material and made impervious to moisture.

In backfilling the pipe trench, the service lateral must be protected against injury by carefully hand tamping the ground filling around the pipe. There should be at least 6 inches of ground filling over the pipe, and it should be free from hard lumps, rocks, stones, or other injurious material.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Service Laterals (continued)

All water service laterals shall be of undiminished size from the street main into the point of meter placement. Beyond the meter outlet valve, the piping shall be sized and proportioned to provide, on all floors, at all times, an equitable distribution of the water supply for the greatest probable number of fixtures or appliances operating simultaneously.

Replacement and Repair of Service Laterals

The service lateral from the main to and through the curb stop will be maintained and kept in repair and, when worn out, replaced at the expense of the water utility. The property owner shall maintain the service lateral from the curb stop to the point of use.

If an owner fails to repair a leaking or broken service lateral from the curb to the point of metering or use within such time as may appear reasonable to the water utility after notification has been served on the owner by the water utility, the water will be shut off and will not be turned on again until the repairs have been completed.

Abandonment of Service

If a property owner changes the use of a property currently receiving water service such that water service will no longer be needed in the future, the water utility may require the abandonment of the water service at the water main. In such case, the property owner may be responsible for all removal and/or repair costs, including the water main and the utility portion of the water service lateral.

Charges for Water Wasted Due to Leaks

See Wis. Admin. Code § PSC 185.35 or Schedule X-4, if applicable.

Thawing Frozen Service Laterals

See Wis. Admin. Code § PSC 185.88 or Schedule X-4, if applicable.

Curb Stop Boxes

The curb stop box is the property of the water utility. The water utility is responsible for its repair and maintenance. This includes maintaining, through adjustment, the curb stop box at an appropriate grade level where no direct action by the property owner or occupant has contributed to an elevation problem. The property owner is responsible for protecting the curb stop box from situations that could obstruct access to it or unduly expose it to harm. The water utility shall not be liable for failure to locate the curb stop box and shut off the water in case of a leak on the owner's premises.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Installation of Meters

Meters will be owned, furnished, and installed by the water utility or a utility-approved contractor and are not to be disconnected or tampered with by the customer. All meters shall be so located that they shall be protected from obstructions and permit ready access for reading, inspection, and servicing, such location to be designated or approved by the water utility. All piping within the building must be supplied by the owner. Where additional meters are desired by the owner, the owner shall pay for all piping. Where applicable, see Schedule Am-1 for rates.

Repairs to Meters

Meters will be repaired by the water utility, and the cost of such repairs caused by ordinary wear and tear will be borne by the water utility.

Repair of any damage to a meter resulting from the carelessness of the owner of the premises, owner's agent, or tenant, or from the negligence of any one of them to properly secure and protect same, including any damage that may result from allowing a water meter to become frozen or to be damaged from the presence of hot water or steam in the meter, shall be paid for by the customer or the owner of the premises.

Service Piping for Meter Settings

Where the original service piping is installed for a new metered customer, where existing service piping is changed for the customer's convenience, or where a new meter is installed for an existing unmetered customer, the owner of the premises at his/her expense shall provide a suitable location and the proper connections for the meter. The meter setting and associated plumbing shall comply with the water utility's standards. The water utility should be consulted as to the type and size of the meter setting.

Turning on Water

The water may only be turned on for a customer by an authorized employee of the water utility. Plumbers may turn the water on to test their work, but upon completion must leave the water turned off.

Sprinkling Restrictions and Emergency Water Conditions

Where the municipality has a policy regarding sprinkling restrictions and/or emergency water conditions, failure to comply with such may result in disconnection of service.

See Wis. Admin. Code § PSC 185.37.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Failure to Read Meters

Where the water utility is unable to read a meter, the fact will be plainly indicated on the bill, and either an estimated bill will be computed or the minimum charge applied. The difference shall be adjusted when the meter is again read, that is, the bill for the succeeding billing period will be computed with the gallons or cubic feet in each block of the rate schedule doubled, and credit will be given on that bill for the amount of the bill paid the preceding period. Only in unusual cases shall more than three consecutive estimated or minimum bills be rendered.

If the meter is damaged (see Surreptitious Use of Water) or fails to operate, the bill will be based on the average use during the past year, unless there is some reason why the use is not normal. If the average use cannot be properly determined, the bill will be estimated by some equitable method.

See Wis. Admin. Code § PSC 185.33.

Complaint Meter Tests

See Wis. Admin. Code § PSC 185.77.

Inspection of Premises

During reasonable hours, any officer or authorized employee of the water utility shall have the right of access to the premises supplied with service for the purpose of inspection or for the enforcement of the water utility's rules and regulations. Whenever appropriate, the water utility will make a systematic inspection of all unmetered water taps for the purpose of checking waste and unnecessary use of water.

See Wis. Stat. § 196.171.

Vacation of Premises

When premises are to be vacated, the water utility shall be notified, in writing, at once, so that it may remove the meter and shut off the water supply at the curb stop. The owner of the premises shall be liable for prosecution for any damage to the water utility's property. See "Abandonment of Service" in Schedule X-1 for further information.

Deposits for Residential Service

See Wis. Admin. Code § PSC 185.36.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Deposits for Nonresidential Service

See Wis. Admin. Code § PSC 185.361.

Deferred Payment Agreement

See Wis. Admin. Code § PSC 185.38 or Schedule X-4, if applicable.

Dispute Procedures

See Wis. Admin. Code § PSC 185.39.

Disconnection and Refusal of Service

See Wis. Admin. Code § PSC 185.37.

The following is an example of a disconnection notice that the utility may use to provide the required notice to customers.

DISCONNECTION NOTICE

Dear Customer:

The bill enclosed with this notice includes your current charge for water utility service and your previous unpaid balance.

You have 10 days to pay the water utility service arrears or your service is subject to disconnection.

If you fail to pay the service arrears or fail to contact us within the 10 days allowed to make reasonable deferred payment arrangement or other suitable arrangement, we will proceed with disconnection action.

To avoid the inconvenience of service interruption and an additional charge of (amount) for reconnection, we urge you to pay the full arrears IMMEDIATELY AT ONE OF OUR OFFICES.

If you have entered into a Deferred Payment Agreement with us and have failed to make the deferred payments you agreed to, your service will be subject to disconnection unless you pay the entire amount due within 10 days.

If you have a reason for delaying the payment, call us and explain the situation.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Disconnection and Refusal of Service (continued)

DISCONNECTION NOTICE (continued)

PLEASE CALL THIS TELEPHONE NUMBER, (telephone number), IMMEDIATELY IF:

1. You dispute the notice of delinquent account.
2. You have a question about your water utility service arrears.
3. You are unable to pay the full amount of the bill and are willing to enter into a deferred payment agreement with us.
4. There are any circumstances you think should be taken into consideration before service is discontinued.
5. Any resident is seriously ill.

Illness Provision: If there is an existing medical emergency in your home and you furnish the water utility with a statement signed by either a licensed Wisconsin physician or a public health official, we will delay disconnection of service up to 21 days. The statement must identify the medical emergency and specify the period of time during which disconnection will aggravate the existing emergency.

Deferred Payment Agreements: If you are a residential customer and you are unable to pay the full amount of the water utility service arrears on your bill, you may contact the water utility to discuss arrangements to pay the arrears over an extended period of time.

This time payment agreement will require:

1. Payment of a reasonable amount at the time the agreement is made.
2. Payment of the remainder of the outstanding balance in monthly installments over a reasonable length of time.
3. Payment of all future water utility service bills in full by the due date.

In any situation where you are unable to resolve billing disputes or disputes about the grounds for proposed disconnection through contacts with our water utility, you may make an appeal to the Public Service Commission of Wisconsin by calling (800) 225-7729.

(WATER UTILITY NAME)

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Collection of Overdue Bills

An amount owed by the customer may be levied as a tax as provided in Wis. Stat. § 66.0809.

Surreptitious Use of Water

When the water utility has reasonable evidence that a person is obtaining water, in whole or in part, by means of devices or methods used to stop or interfere with the proper metering of the water utility service being delivered, the water utility reserves the right to estimate and present immediately a bill for unmetered service as a result of such interference, and such bill shall be payable subject to a 24-hour disconnection of service. If the water utility disconnects the service for any such reason, the water utility will reconnect the service upon the following conditions:

- A. The customer will be required to deposit with the water utility an amount sufficient to guarantee the payment of the bills for water utility service.
- B. The customer will be required to pay the water utility for any and all damages to water utility equipment resulting from such interference with the metering.
- C. The customer must further agree to comply with reasonable requirements to protect the water utility against further losses.

See Wis. Stat. §§ 98.26 and 943.20.

Repairs to Mains

The water utility reserves the right to shut off the water supply in the mains temporarily to make repairs, alterations, or additions to the plant or system. When the circumstances will permit, the water utility will give notification, by newspaper publication or otherwise, of the discontinuance of the water supply. No credit will be allowed to customers for such temporary suspension of the water supply.

See Wis. Admin. Code § PSC 185.87.

Duty of Water Utility with Respect to Safety of the Public

It shall be the duty of the water utility to see that all open ditches for water mains, hydrants, and service laterals are properly guarded to prevent accident to any person or vehicle, and at night there shall be displayed proper signal lighting to ensure the safety of the public.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Utility Operating Rules

Handling Water Mains and Service Laterals in Excavation Trenches

Contractors must call Digger’s Hotline and ensure a location is done to establish the existence and location of all water mains and service laterals as provided in Wis. Stat. § 182.0175. Where water mains or service laterals have been removed, cut, or damaged during trench excavation, the contractors must, at their own expense, cause them to be replaced or repaired at once. Contractors must not shut off the water service laterals to any customer for a period exceeding 6 hours.

Protective Devices

- A. Protective Devices in General: The owner or occupant of every premise receiving water supply shall apply and maintain suitable means of protection of the premise supply and all appliances against damage arising in any manner from the use of the water supply, variation of water pressure, or any interruption of water supply. Particularly, such owner or occupant must protect water-cooled compressors for refrigeration systems by means of high and/or low pressure safety cutout devices. There shall likewise be provided means for the prevention of the transmission of water ram or noise of operation of any valve or appliance through the piping of their own or adjacent premises.
- B. Relief Valves: On all "closed systems" (i.e., systems having a check valve, pressure regulator, reducing valve, water filter, or softener), an effective pressure relief valve shall be installed at or near the top of the hot water tank or at the hot water distribution pipe connection to the tank. No stop valve shall be placed between the hot water tank and the relief valve or on the drain pipe. See applicable plumbing codes.
- C. Air Chambers: An air chamber or approved shock absorber shall be installed at the terminus of each riser, fixture branch, or hydraulic elevator main for the prevention of undue water hammer. The air chamber shall be sized in conformance with local plumbing codes. Where possible, the air chamber should be provided at its base with a valve for water drainage and replenishment of air.

Cross-Connections

Every person owning or occupying a premise receiving municipal water supply shall maintain such municipal water supply free from any connection, either of a direct or of an indirect nature, with a water supply from a foreign source or of any manner of connection with any fixture or appliance whereby water from a foreign supply or the waste from any fixture, appliance, or waste or soil pipe may flow or be siphoned or pumped into the piping of the municipal water system.

See Wis. Admin. Code § NR 811.06.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Main Extension Rule

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 paragraph A.
 - 2. Part of the contribution required in paragraph 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 paragraph 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 paragraph 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 paragraph A.

Public Service Commission of Wisconsin

Village of Shorewood Hills Water Utility

Water Main Installations in Platted Subdivisions

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.

**Village of Shorewood Hills Water Utility
Customer Water Bill Comparison at Present and Proposed Rates**

Customer Type	Meter Size	Volume (100 Cubic Feet)	Monthly			Monthly Including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8"	3	\$ 31.50	\$ 38.51	22.25%	\$ 43.35	\$ 53.29	22.93%
Average Residential	5/8"	6	\$ 51.06	\$ 60.02	17.55%	\$ 62.91	\$ 74.80	18.90%
Large Residential	5/8"	70	\$ 468.34	\$ 518.90	10.80%	\$ 480.19	\$ 533.68	11.14%
Large Residential	1"	140	\$ 920.43	\$ 1,012.50	10.00%	\$ 950.43	\$ 1,049.50	10.42%
Large Residential	1 1/2"	105	\$ 713.92	\$ 788.85	10.50%	\$ 772.92	\$ 862.85	11.64%
Multifamily Residential	2"	200	\$ 1,297.60	\$ 1,408.50	8.55%	\$ 1,392.60	\$ 1,526.50	9.62%
Multifamily Residential	3"	485	\$ 2,995.53	\$ 3,188.25	6.43%	\$ 3,175.53	\$ 3,410.25	7.39%
Commercial	1"	100	\$ 669.38	\$ 741.00	10.70%	\$ 699.38	\$ 778.00	11.24%
Commercial	1"	140	\$ 920.43	\$ 1,012.50	10.00%	\$ 950.43	\$ 1,049.50	10.42%
Commercial	2"	100	\$ 694.35	\$ 768.00	10.61%	\$ 789.35	\$ 886.00	12.24%
Commercial	3"	200	\$ 1,322.58	\$ 1,435.50	8.54%	\$ 1,502.58	\$ 1,657.50	10.31%
Public Authority	1"	20	\$ 147.78	\$ 167.40	13.28%	\$ 177.78	\$ 204.40	14.97%
Public Authority	2"	60	\$ 433.55	\$ 481.20	10.99%	\$ 528.55	\$ 599.20	13.37%
Public Authority	2"	80	\$ 563.95	\$ 624.60	10.75%	\$ 658.95	\$ 742.60	12.69%
Public Authority	3"	690	\$ 4,198.88	\$ 4,449.00	5.96%	\$ 4,378.88	\$ 4,671.00	6.67%
Fire Protection Charge (Total)			\$ 119,816	\$ 149,019	24.37%			