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Water Utility

MEQUON MUNICIPAL WATER UTILITY COMMISSION
Regular Meeting
Tuesday, May 9, 2023
7:30 PM
Christine Nuernberg Hall

Agenda

- 1) Call to Order, Roll Call
- 2) Approval of Meeting Minutes
Action requested: review and approve
 - a. April 14, 2023 Minutes
- 3) Discussion and Possible Action
 - a. Milwaukee Water Works Purchased Water Adjustment Clause
- 4) Adjourn

Dated: May 9, 2023

/s/ Andrew Nerbun, Chair

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Office at 262-236-2913, Monday through Friday, 7:00 AM - 3:30 PM.



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Water Utility

MEQUON MUNICIPAL WATER UTILITY COMMISSION
Regular Meeting
Tuesday, April 11, 2023
7:15 PM
Christine Nuernberg Hall

Minutes

1) Call to Order, Roll Call

Commissioner Nerbun called the meeting to order at 7:40PM

Present:

Commissioner Andrew Nerbun
 Commissioner Robert Strzelczyk
 Commissioner Glenn Bushee
 Commissioner Dale Mayr
 Commissioner Jeffrey Hansher
 Commissioner Mark Gierl
 Commissioner Brian Parrish
 Commissioner Kathleen Schneider
 Commissioner William Gebhardt

City Administrator Jones, Assistant City Administrator Schoenemann, City Attorney Sajdak, City Clerk Fochs, Finance Director Engroff, Director of Public Works/City Engineering Lundeen, Deputy Director of Utilities Driscoll, Assistant City Engineer McCraw, Administrative Assistant Schlereth, Director of Community Development Tollefson, press and interested public.

2) Approval of Meeting Minutes

a. March 14, 2023, Minutes

3) Discussion Items

Attachment: 4-14-23 Water Min (8430 : April 14, 2023 Minutes)

a. 8306: Swan Ridge DA Section 12(a)(x)

RESULT: Approved by Voice Acclamation [Unanimous]
MOVED BY: Commissioner Parrish
SECONDED BY: Commissioner Hansher

AYES: Nerbun, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Gebhardt

4) Adjourn

a. Motion to Adjourn at 7:45PM

RESULT: Approved by Voice Acclamation [Unanimous]
MOVED BY: Commissioner Schneider
SECONDED BY: Commissioner Mayr

AYES: Nerbun, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Gebhardt

Respectfully Submitted,

Ren Schlereth
Administrative Assistant

Attachment: 4-14-23 Water Min (8430 : April 14, 2023 Minutes)



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www.ci.mequon.wi.us

Office of Mequon Municipal Water Utility Commission

TO: Mequon Municipal Water Utility Commission
FROM: Jim Voigt, Director of Operations
DATE: May 9, 2023
SUBJECT: Milwaukee Water Works Purchased Water Adjustment Clause

Background

The Mequon Water Utility (MWU) purchases water through two wholesale providers: North Shore Water Commission (NSWC) and Milwaukee Water Works (MWW). Rates for NSWC are established through a wholesale agreement and are not subject to Public Service Commission of Wisconsin (PSCW) regulations. Rates for MWW are regulated by PSCW and may only be modified with PSCW approval of a simplified or full rate case. MWU rates are also regulated by PSCW and may only be modified through a simplified or full rate case, or through a Purchased Water Adjustment Clause (PWAC) after a rate case of one of the suppliers.

A simplified rate case requires a utility to meet a basic set of criteria before increasing the rates to its customers. The criteria includes not exceeding the PSCW's benchmark rate of return and limiting the annual net operating income to less than six percent of its annual operating and maintenance expenses. Currently, MWW exceeds both thresholds and therefore is not eligible for a simplified rate case.

A full rate case, or a conventional rate case, requires a full review of the PSCW including data analysis on the utility's performance before considering an increase. This process also requires a public hearing and can be a large expense for the utility to undertake. Similar to the simplified rate case, the utility would need to meet PSCW criteria for the rate to be authorized.

On March 2nd 2023, the PSCW authorized the implementation of a Full Rate Case (Exhibit A) for the MWW. This resulted in an increase in the MWW rates to the Mequon Water Utility of 6.15%. The MWU has the ability to pass this rate increase through to its customers utilizing the PWAC, provided it is approved within 90 days (May 31).

Analysis

When NSWC increases rates to MWU, MWU does not have the opportunity to request a PWAC per PSCW regulations. MWU would need to complete either a Simplified or Full Rate Case and can only do so if the rate of return is below the benchmark. While NSWC increases its rates annually, the proportionate share of purchased water has not significantly impacted the rate of return for MWU. MWU remains above the benchmark rate of return.

MWU previously utilized the PWAC in September of 2017 after MWW implemented a Simplified rate case and the MWU utilized the PWAC to pass along the additional costs. In addition to the recently authorized rate case, PSCW will require that the MWW apply for

another rate case after Waukesha Water Utility has been served by MWW for one full year in 2025.

Utility staff is proposing that MWU utilize the PWAC now, as if the Utility does not implement the PWAC for this increase, the Utility cannot use it in the future. The Utility has 90 days to implement a PWAC after an increase from the Utility’s suppliers; alternatively, the Utility would be required to request a full rate case. As noted, the PSWC will only consider a rate case if the utility is performing below the benchmark rate of return.

Fiscal Impact

In the absence of a PWAC, the expenses incurred by the Utility would increase disproportionately to the revenue received. The Utility is restricted by the inability to qualify for a simplified rate case based on the Utility’s current healthy financial performance with an excess of the benchmark rate of return.

Based on the water supply cost increases from MWW, the typical customer (5/8 inch meter, 15,000 gallons per quarter) will receive the following impact on their quarterly water bill:

	Current Bill:	After PWAC:
Service Charge:	\$31.31	\$31.32
Public Fire:	\$30.29	\$30.15
Volumetric:	\$77.55(15 x \$5.17)	\$79.35 (15 x \$5.29)
Total:	\$139.15	\$140.82

Average Customer impact on quarterly water bill: *\$1.67 per quarter increase or 1.2%*

The reason the MWU customer's percent increase is less than our water supply increase from MWW is due to the fact that water supply is only one component of our complete rate structure. Also included in our rates: capital costs, system depreciation, contracting costs, buried utility plant operations & maintenance, etc.

Recommendation

Staff recommends that the Water Utility Commission authorize the Mequon Water Utility to implement the Purchased Water Adjustment Clause to increase the rates to reflect the recent rate increases from Milwaukee Water Works.

Attachments:

Exhibit A: MWW 3.2.23 Final Rate Decision (PDF)

SERVICE DATE
Mar 02, 2023

PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of the City of Milwaukee, Milwaukee County, Wisconsin,
 as a Water Public Utility, for Authority to Adjust Water Rates

3720-WR-109

FINAL DECISION

This is the Final Decision in the Class 1 proceeding conducted by the Public Service Commission (Commission) on the application of Milwaukee Water Works (applicant or MWW) for approval to increase water rates. This application is APPROVED, subject to conditions.

Introduction

On March 8, 2022, the applicant filed a conventional rate case (CRC) application seeking an overall increase in annual revenues of \$11,725,057, or an increase of 13.50 percent over present revenues. ([PSC REF#: 432301](#), [PSC REF#: 432302](#), [PSC REF#: 432303](#), [PSC REF#: 432304](#), [PSC REF#: 432305](#), [PSC REF#: 432306](#).) The Commission issued a Notice of Proceeding on July 21, 2022. ([PSC REF#: 443280](#).) On April 13, 2022, Village of Brown Deer, Village of Butler, Village of Greendale, Village of Menomonee Falls, City of Mequon, City of New Berlin, Village of Shorewood, City of Wauwatosa, and the City of West Allis (Milwaukee Wholesale Customer Group or MWCG) requested intervention in this proceeding. ([PSC REF#: 435032](#).) On August 3, 2022, Milwaukee Regional Medical Center Water Service, Inc. (MRMC) requested intervention in this proceeding. ([PSC REF#: 444580](#).) On August 18, 2022, Administrative Law Judge (ALJ) Michael E. Newmark granted MWCG and MRMC's requests to intervene. ([PSC REF#: 445580](#).) The parties, for purposes of review under Wis. Stat. §§ 227.47 and 227.53, are listed in Appendix A.

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The Commission authorized the applicant's last CRC change in docket 3720-WR-108 in a Final Decision dated October 30, 2014. ([PSC REF#: 223601.](#)) Since that Final Decision, the Commission has authorized additional rate increases through the simplified rate case (SRC) process in 2016, 2017, and 2019. The applicant requested the current rate increase because it needs adequate revenues to cover the costs of ongoing operations while also enabling the applicant to maintain and replace infrastructure in a timely manner. Between 2017 – 2020, Operating & Maintenance expenses increased from \$48 million to \$55 million, or 14 percent, and debt increased from \$50 million to \$81 million, or 63 percent. The final overall rate change authorized is \$12,899,070, or 14.21 percent increase over current rates, for the test year ending December 31, 2022.

Pursuant to due notice, the Commission held an audiovisual hearing on February 22, 2023 before Administrative Law Judge Michael E. Newmark. ([PSC REF#: 457321.](#)) The Commission's public hearing process involved the opportunity to submit written comments through the Commission's website or to testify at the public hearing.

Findings of Fact

1. The applicant is a municipally owned public utility as defined in Wis. Stat. § 196.01(5)(a), providing water service to customers in the City of Milwaukee (City) and surrounding areas of Milwaukee County.
2. The applicant provides wholesale water service to Brown Deer Water Public Utility, Butler Public Water Utility, Village of Greendale Water Utility, Village of Menomonee Falls Water Utility, Mequon Municipal Water Utility, New Berlin Water Utility, Shorewood

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Municipal Water Utility, Wauwatosa Water Utility, and West Allis Municipal Water Utility (MWCG).

3. The parties in this proceeding confirmed that all issues in this rate case are undisputed.

4. The applicant's presently authorized rates for water utility service will produce operating revenues of \$95,236,916 for the 2022 test year. These rates fall short of the test year revenue needed by \$12,899,070 and are unreasonable.

5. The estimated net investment rate base applicable to water utility operations for the 2022 test year is \$462,826,027.

6. The rate changes set forth for water service in Appendix C will permit the applicant to earn the necessary revenue requirement and are consistent with the cost of service and rate design.

Conclusions of Law

1. The applicant is a municipal public utility as defined in Wis. Stat. § 196.01(5)(a).

2. The Commission has authority under Wis. Stat. §§ 196.02(1), 196.03(1) and (3), 196.19, 196.20, 196.22, 196.37(1), (2), and (3), and 196.395 to authorize the applicant to increase water utility rates and revise tariff provisions.

3. The Commission has authority under Wis. Stat. § 15.02(4) to delegate to the Administrator of the Division of Water Utility Regulation and Analysis (Division Administrator) those functions vested by law as enumerated above and has delegated the authority to issue this Final Decision to the Division Administrator.

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Opinion

Unauthorized Construction Project

In 2018, the applicant capitalized an update to its billing software and storage devices at a cost of \$941,389 without requesting or receiving construction approval from the Commission prior to commencing the project. On February 16, 2023, the applicant filed additional information explaining that the billing system upgrade would have met the standards for certification under Wis. Stat. § 196.49(3)(b), provided value to all of the applicant’s customers, and was necessary for the continued use of the software. ([PSC REF#: 459434.](#)) On February 24, 2023, the Commission issued a Letter of Reprimand and an Order in docket 3720-WI-105. ([PSC REF#: 460227](#), [PSC REF#: 460417.](#))

The Commission finds there are reasonable indications that the applicant now understands the statutory requirements that it receive Commission approval prior to commencing construction projects. Accordingly, the Commission determines that it is reasonable to allow recovery of the \$941,389 in billing system costs.

Net Investment Rate Base

The estimated net investment rate base for the 2022 test year is as follows:

Utility Financed Plant in Service	\$768,696,926
Less: Accumulated Provision for Depreciation	<u>\$308,153,909</u>
Net Plant in Service	\$460,543,017
Plus: Materials and Supplies	3,500,000
Less: Regulatory Liability for Pre-2003 Accumulated Depreciation - CIAC	<u>1,216,990</u>
Net Investment Rate Base	<u>\$462,826,027</u>

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Comparative Income Statement

Commission staff submitted a revenue requirement for the test year as shown in Ex.-PSC-Revenue Requirement-r. ([PSC REF#: 447467.](#)) The parities did not dispute the revenue requirement. The estimated test year income statement showing the effect of the increase in revenue that will result from authorized rates is as follows:

	<u>At Present Rates</u>	<u>Authorized Increase</u>	<u>After Rate Increase</u>
Operating Revenues	\$95,236,916	\$12,899,070	\$108,135,985
Operating Expenses:			
Oper. & Maint. Exp.	\$52,665,698		\$52,665,698
Depreciation	18,904,638		18,904,638
Taxes & Tax Equiv.	<u>14,350,000</u>		<u>14,350,000</u>
Total Oper. Expenses	<u>\$85,920,336</u>		<u>\$85,920,336</u>
Oper. Income (or Loss)	<u>\$9,316,580</u>		<u>\$22,215,649</u>
Rate of Return	2.01%		4.80%

Commission staff computed the depreciation expense included in the revenue requirement for the 2022 test year using the depreciation rates shown in Appendix E. For purposes of computing the depreciation expense on the average investment for each plant account, these depreciation rates are effective as of January 1, 2022.

Capital Structure

The applicant requested a return on net investment rate base of 2.61 percent, which resulted in a requested rate increase of 13.50 percent. The Commission calculates the benchmark rate of return based on a three-month rolling average of municipal bond rates and determines a floor annually. The benchmark rate of return at the time Commission staff finalized the revenue

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

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requirement for this case was 6.00 percent. Commission staff estimated the applicant's capital employed in providing public utility service to be 78.27 percent municipal equity associated with the net investment rate base and 21.73 percent long-term debt. The applicant's composite cost of debt is 1.97 percent.

The applicant stated in its application that it desired to mitigate the rate increase on present water customers because of affordability concerns and believed that the requested 13.50 percent rate increase would generate sufficient revenue to meet its needs in the test year.

The applicant's previously authorized rate of return in docket 3720-WR-108 was 5.38 percent. After analysis of and adjustments to test year estimates, the Commission authorizes a 4.80 percent rate of return on rate base, which results in a 14.20 percent rate increase. This will keep the applicant closer to the benchmark rate of return and provide a 5.84 percent return on municipal earning equity and 11.54 times interest coverage. The Commission appreciates the applicant's affordability concerns for its customers, but at the same time, recognizes that the applicant needs to balance sufficient earnings to help address future capital and operational needs and also maintain confidence in the applicant's financial integrity without resulting in customer rates that are excessive. The Commission authorizes a 4.80 percent rate of return and encourages the applicant to reach the benchmark rate of return in its next rate case.

Customer Counts

During the review of revenues, Commission staff considered that the applicant has not maintained records that adequately distinguish between active meters, seasonal meters, and inactive meters. ([PSC REF#: 438241](#).) It is important that utilities accurately report customers each year. The applicant stated that it will improve its meter reporting and will be able to

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properly report active meters, seasonal meters, and inactive meters in 2023.

([PSC REF#: 446468.](#)) The Commission finds it reasonable to require the applicant to improve its customer records so that the average number of active and seasonal customers can be reported on Schedule W-02 of the PSC Annual Reports, and the end-of-year number of active and seasonal customers can be reported on Schedule W-23 of the PSC Annual Reports, starting with the 2023 PSC Annual Report.

Pension Accounting

During the review of expenses, the Commission staff considered that the applicant has not followed the regulatory accounting for pension expense required by the Commission.

([PSC REF#: 441673](#), [PSC REF#: 441912.](#)) The applicant needs to record an adjusting entry so that Account 216.1 (Earned Surplus - Earnings) includes pension expense based on the cash basis. The difference between regulatory accounting and financial accounting needs to be recorded on the balance sheet as a regulatory asset or a regulatory liability. Pension expense needs to be reported in Account 926 (Employee Pensions and Benefits) on the cash basis. The applicant stated that it will be able to meet these requirements in 2022. ([PSC REF#: 446468.](#)) The Commission finds it reasonable that the applicant includes these entries in the 2022 PSC Annual Report, which is due on May 1, 2023. The applicant shall report pension expense on the cash basis starting in 2022.

Cost of Service

On September 20, 2022, Trilog Consulting (Trilog), on behalf of the applicant, submitted for the record MWW TY2022 Proposed Cost of Service with Accepted Revenue Requirements, an analysis of the cost of supplying water for general service and for public fire

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protection (PFP) service. ([PSC REF#: 447702](#), [PSC REF#: 447703](#).) Trilogy used a modified form of the base-extra capacity cost allocation method for the analysis that was agreed upon by the wholesale customers and other stakeholders. Using this method, the revenue requirements are first allocated to the utility functions using the Base-Extra Capacity Method. Second, the functional costs are allocated between the retail customers as one group and the wholesale customers as a second group, based on the percentage of each group's total share of total customer demand for each cost function, as well as the share of billing, equivalent meters, and equivalent services. Then, the costs are allocated to the customer classes using the customer class allocation factors. The total retail functional costs are allocated to the retail customers, and the total wholesale functional costs are allocated to the wholesale customers. The applicant explained the general approach of the proposal in the April 9, 2021 letter re MWW COSS. ([PSC REF#: 435375](#).) Trilogy provided summaries of these analyses in Schedules 8 and 11 of MWW TY2022 Proposed Cost of Service with Accepted Revenue Requirements in the record in this proceeding. Appendix B shows customer class revenue requirements resulting from the cost analysis compared with revenues at authorized rates.

Rates

Water service rates authorized in this Final Decision will result in an estimated net operating income of approximately \$22,215,650, which provides a 4.80 percent return on the water utility net investment rate base of \$462,826,027. Commission staff provided the applicant with Commission staff's proposed rates for review prior to the hearing, and the applicant had no objection to these rates. Intervenors had no objections as well.

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As shown in attached Appendix B, the base-extra capacity cost allocation method results in a relatively wide range of increases in the charges to the various general service customer classes to reflect the cost of providing service to such classes. The percentage rate increase to any individual customer will not necessarily equal the overall percentage increase to the associated customer class, but rather will depend on the specific water use of that customer.

The authorized rates as set forth in Appendix C are based on the cost of providing service to various customer classes or types of service. The Commission finds the rates will result in all customers paying an appropriate amount for the service provided.

The applicant and Trilogy computed some typical water bills for single-family residential, multifamily residential, commercial, industrial, and public authority customers using Schedule Mg-1 to compare present rates with the new rates. That comparison is set forth in Appendix D.

The overall increase in annual revenues is 14.21 percent. A typical single-family residential customer's bill, including public fire protection, will increase 10.85 percent. The increase in rates is due to a 40.95 percent increase in gross plant investment and an 11.88 percent increase in operating expenses since the applicant's last CRC in 2014.

Rules and Regulation

The applicant's Schedule X-1, Water Utility Operating Rules, is consistent with current practice and requirements. The Commission incorporated the rules into the record by receipt of Ex.-PSC-COSS and Rate Design, which incorporates the rules by reference. ([PSC REF#: 453749](#).) The Commission finds they are in accordance with Commission policy and the Wisconsin Administrative Code. Schedule X-1 was not updated in this rate proceeding.

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Items from Previous Rate Case

In the applicant's last rate case, Order Point No. 9 stated:

MWW shall meet with its wholesale customers, Commission staff, and other stakeholders to determine a better methodology for revising customer demand ratios and shall report back to the Commission within 60 days with a mutually agreeable proposal as to how the Trilogy study will be revised, modified, or otherwise supplemented. The agreed upon methodology shall then be used to update the demand study, and the resulting demand ratios shall be used in MWW's next rate case. ([PSC REF#: 223601](#).)

Since the issuance of the Final Decision in docket 3720-WR-108, the applicant, MWCG, and Commission staff met several times to discuss the issues addressed in Order Point No. 9. The applicant and MWCG filed periodic updates on the negotiations under docket 3720-WR-108 as the process moved forward. Due to the complexity of the issues involved and the collaborative process required for all parties to come to an agreement, the Commission found it reasonable to grant deadline extensions several times since the Final Decision, with the last extension being granted on January 29, 2021. ([PSC REF#: 229664](#), [PSC REF#: 269292](#), [PSC REF#: 279962](#), [PSC REF#: 382159](#), [PSC REF#: 403915](#).) The agreed-upon cost of service and rate model contained in the applicant's exhibit is the result of a multi-year collaborative process including multiple stakeholders.

Commission staff reviewed the documents provided by the applicant that explain the cost-of-service methodology in detail. These include: the Supplementary Information for MWW COSS-Revised ([PSC REF#: 432305](#)), which provides a comparison of the system demand ratios, customer demand ratios, functional cost allocations for utility plant, total plant, operation and maintenance expenses, depreciation, and main allocations that are used in the current docket compared to previous dockets; the letter re MWW COSS ([PSC REF#: 435375](#)), which explains

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in detail the new cost of service methodology; and the applicant's proposal offered by Trilogy, which includes the full cost of service study and rate design using the new rate model methodology. ([PSC REF#: 447702](#), [PSC REF#: 447703](#).)

Commission staff reviewed the data included in the applicant's proposal, including the historical and forecast sales and the historical and forecast pumpage that was used to determine the retail and wholesale allocations, and compared them with data provided in PSC Annual Reports and materials from the applicant's last CRC. Additionally, Commission staff compared the system demand ratios, customer demand ratios, main allocations, and the allocations to service cost functions in Schedules 5, 5A, 6, 7, and 8 of the applicant's proposal. Commission staff agreed that they conform to the methodology outlined in the previously cited documents and to the base-extra capacity method of cost-of-service that is traditionally used by Commission staff in water rate cases. ([PSC REF#: 453749](#).) The Commission confirms that the applicant completed Order Point No. 9.

In the applicant's last rate case, Order Point No. 10 stated: "MWW shall replace no less than 15 miles of main in 2015-2017, 18 miles in 2018-2019, and 20 miles in 2020." The applicant filed its first report on July 9, 2015. ([PSC REF#: 271826](#).) The applicant filed additional reports semi-annually in 2015-2022. The applicant included estimated totals for the current year and actual totals for the prior year in many of these reports. Based on PSC Annual Reports, the applicant replaced 15.2 miles in 2015, 16.0 miles in 2016, 15.2 miles in 2017, 15.5 miles in 2018, 18.8 miles in 2019, 17.0 miles in 2020, and 12.9 miles in 2021. The Commission determines that the applicant did not complete this order point. In this rate case, MWW requested that the Commission reduce the main replacement requirement from 20 miles

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to 14 miles due to the increased cost of debt and ongoing difficulty in obtaining resources (materials and contractors) associated with the Commission's order. Based on the main replacement report filed by the applicant on January 22, 2018 and the ongoing improvement in preventing non-revenue water, the Commission finds it reasonable to continue the order point in the current docket, modified to require that the applicant replace no less than 14 miles of main per year. ([PSC REF#: 336225.](#))

In the applicant's last rate case, Order Point No. 11 stated: "MWW shall hire an independent consultant to do a main replacement study and shall submit a copy of the final report prepared by this consultant to the Commission." The applicant filed the completed report on January 22, 2018. ([PSC REF#: 336225.](#)) The Commission confirms that the applicant completed Order Point No. 11.

In the applicant's last rate case, Order Point No. 12 stated: "MWW shall report to the Commission regarding the condition of its mains." The applicant filed its first report on July 8, 2015. ([PSC REF#: 271826](#), [PSC REF#: 271827](#), [PSC REF#: 271818.](#)) The applicant filed additional reports semi-annually in 2015-2022. The Commission confirms that the applicant completed Order Point No. 12.

In the applicant's last rate case, Order Point No. 13 stated: "MWW shall report to the Commission regarding the progress of its main replacement program." The applicant filed its first report on July 9, 2015. ([PSC REF#: 271826.](#)) The applicant filed additional reports semi-annually in 2015-2022. The Commission confirms that the applicant completed Order Point No. 13.

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In the applicant's last rate case, Order Point No. 14 stated:

MWW and the Wholesale Customers shall work with Commission staff to further evaluate alternative methods for allocating fire protection costs for use in MWW's next rate case, including further analysis of Commission staff's proposal offered in this proceeding. The Commission shall also open a generic investigation to study further the methods of all water utilities in allocating fire protection costs.

The Commission opened docket 3720-WI-103 on May 4, 2015 to address PFP in Milwaukee. ([PSC REF#: 235972](#).) The parties completed the work. The Commission opened docket 5-WI-104 on May 1, 2015 to address the PFP in all water utilities. ([PSC REF#: 235944](#).) The Commission issued related reports. ([PSC REF#: 296859](#), [PSC REF#: 296860](#).) The Commission confirms that the applicant completed Order Point No. 14.

In the applicant's last rate case, Order Point No. 15 stated: "MWW shall work with Commission staff, the business community, and other interested stakeholders to discuss the possibility of developing an EDR for consideration in MWW's next rate case." The applicant did not file any information on the Commission's Electronic Records Filing System (ERF) in 2015-2021 regarding this order point. In response to Commission data requests in this rate case, the applicant filed information regarding its contacts with the business community. ([PSC REF#: 438645](#), [PSC REF#: 438668](#).) The Commission confirms that the applicant completed Order Point No. 15.

Wholesale Water Service

An increase in water rates authorized by the Commission will also increase purchased water costs for its wholesale water customers. If the respective tariffs provide for it, following this Final Decision, the wholesale water customers may recover from their retail customers the increased unit cost of water purchased from the applicant by calculating a new revenue

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requirement and requesting approval from the Commission to apply a purchased water adjustment clause (PWAC). The PWAC enables a wholesale water customer to recover from its retail customers the increased unit cost of water purchased from the applicant. A request for a PWAC rate change must be filed within 90 days of the effective date of this Final Decision, per Schedule PWAC-1 of each wholesale utility.

Public Comments

Two water customers filed a comment on the Commission's ERF system in opposition to the rate increase. These customers expressed concern over the magnitude of the increase and its impact on customers. The Commission appreciates the customers' concerns. However, the Commission finds that the revenue resulting from the authorized rates is necessary to provide for the applicant's financial needs over the long term. The Commission further concludes that the rates as proposed by Commission staff would provide a reasonable and nondiscriminatory recovery of the revenue requirement. Accordingly, the Commission approves Trilogy's proposed rates as shown in MWW TY2022 Proposed Cost of Service with Accepted Revenue Requirements of the hearing record.

Effective Date

The test year commenced on January 1, 2022. Pursuant to Wis. Stat. § 196.19, the changes in rates and tariff provisions that are authorized in this Final Decision take effect no sooner than one day after the date of service, provided that these rates and tariff provisions are filed with the Commission, and the applicant makes a copy of the new rates available to the public before this date by placing a copy of the new rates at locations where customer payments

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are accepted, on the applicant's website, or in a form and place that is otherwise readily accessible to the public.

Order

1. This Final Decision takes effect one day after the date of service.
2. The authorized rate increases and tariff provisions shall take effect no sooner than one day after the day the applicant has: (a) filed these rates and tariff provisions with the Commission; and (b) made them available to the public at locations where customer payments are accepted, on the applicant's website, or in a form and place that is otherwise readily accessible to the public, pursuant to Wis. Stat. § 196.19 and Wis. Admin. Code § PSC 185.33(1)(f). If a copy of the new rates and tariff provisions is not made available to the public when they are filed with the Commission, the new rates and tariff provisions shall take effect one day after the day they are made available to the public.
3. The rates approved in this docket shall take effect no later than 90 days from the service date of this Final Decision or as directed by the Commission or Commission staff.
4. The applicant shall improve its customer records so that the average number of active and seasonal customers can be reported on Schedule W-02 of the PSC Annual Reports, and the end-of-year number of active and seasonal customers can be reported on Schedule W-23 of the PSC Annual Reports, starting with the 2023 PSC Annual Report.
5. The applicant shall include entries to correct pension accounting in the 2022 PSC Annual Report, which is due on May 1, 2023. The applicant shall file in this docket a copy of the entries with the Commission within 60 days of this Final Decision.
6. The applicant shall report pension expense on the cash basis starting in 2022.

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7. The applicant shall replace no less than 14 miles of main each year beginning in 2023. This requirement shall remain in effect until modified by the Commission.

8. Jurisdiction is retained.

Dated at Madison, Wisconsin, this 2nd day of March, 2023.

For the Commission:



Elizabeth A. Bier
Administrator
Division of Water Utility Regulation and Analysis

EAB:ajh:kab:krl DL:01926390

See attached Notice of Appeal Rights

PUBLIC SERVICE COMMISSION OF WISCONSIN
 4822 Madison Yards Way
 P.O. Box 7854
 Madison, Wisconsin 53707-7854

**NOTICE OF RIGHTS FOR REHEARING OR JUDICIAL REVIEW, THE
 TIMES ALLOWED FOR EACH, AND THE IDENTIFICATION OF THE
 PARTY TO BE NAMED AS RESPONDENT**

The following notice is served on you as part of the Commission's written decision. This general notice is for the purpose of ensuring compliance with Wis. Stat. § 227.48(2), and does not constitute a conclusion or admission that any particular party or person is necessarily aggrieved or that any particular decision or order is final or judicially reviewable.

PETITION FOR REHEARING

If this decision is an order following a contested case proceeding as defined in Wis. Stat. § 227.01(3), a person aggrieved by the decision has a right to petition the Commission for rehearing within 20 days of the date of service of this decision, as provided in Wis. Stat. § 227.49. The date of service is shown on the first page. If there is no date on the first page, the date of service is shown immediately above the signature line. The petition for rehearing must be filed with the Public Service Commission of Wisconsin and served on the parties. An appeal of this decision may also be taken directly to circuit court through the filing of a petition for judicial review. It is not necessary to first petition for rehearing.

PETITION FOR JUDICIAL REVIEW

A person aggrieved by this decision has a right to petition for judicial review as provided in Wis. Stat. § 227.53. In a contested case, the petition must be filed in circuit court and served upon the Public Service Commission of Wisconsin within 30 days of the date of service of this decision if there has been no petition for rehearing. If a timely petition for rehearing has been filed, the petition for judicial review must be filed within 30 days of the date of service of the order finally disposing of the petition for rehearing, or within 30 days after the final disposition of the petition for rehearing by operation of law pursuant to Wis. Stat. § 227.49(5), whichever is sooner. If an *untimely* petition for rehearing is filed, the 30-day period to petition for judicial review commences the date the Commission serves its original decision.¹ The Public Service Commission of Wisconsin must be named as respondent in the petition for judicial review.

If this decision is an order denying rehearing, a person aggrieved who wishes to appeal must seek judicial review rather than rehearing. A second petition for rehearing is not permitted.

Revised: March 27, 2013

¹ See *Currier v. Wisconsin Dep't of Revenue*, 2006 WI App 12, 288 Wis. 2d 693, 709 N.W.2d 520.

CONTACT LIST FOR SERVICE BY PARTIES**PUBLIC SERVICE COMMISSION OF WISCONSIN**

(Not a party but must be served per Wis. Stat. § 227.53)

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MILWAUKEE WHOLESALE CUSTOMER GROUP (MWCG)

BROWN DEER, BUTLER, NEW BERLIN, GREENDALE, MENOMONEE FALLS,

MEQUON, SHOREWOOD, WAUWATOSA, AND WEST ALLIS

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MILWAUKEE REGIONAL MEDICAL CENTER (MRMC) WATER SERVICE, INC.

REINHART BOERNER VAN DEUREN SC

22 EAST MIFFLIN STREET STE 700 PO BOX 2018

MADISON, WI 53701

DBREUER@REINHARTLAW.COM; PGARDON@REINHARTLAW.COM

Comparison of Revenue at Present Rates, Cost of Service, and Authorized Rates

Customer Class	Revenue at Present Rates	Cost of Service		Authorized Rates		
		Revenue Required	Increase Over Present Rates	Revenue at Proposed Rates	Increase Over Present Rates	Percent of Cost of Service
Urban						
Urban Residential	\$30,897,452	\$35,986,817	16.47%	\$35,180,190	13.86%	97.76%
Urban Multi-Family	\$8,219,052	\$8,873,471	7.96%	\$9,392,373	14.28%	105.85%
Urban Commercial	\$12,839,047	\$15,088,837	17.52%	\$16,319,039	27.10%	108.15%
Urban Industrial	\$5,443,563	\$8,274,584	52.01%	\$7,011,151	28.80%	84.73%
Urban Public Authority	\$3,879,911	\$5,429,766	39.95%	\$4,949,406	27.56%	91.15%
Subtotal Urban Retail	\$61,279,026	\$73,653,474	20.19%	\$72,852,159	18.89%	98.91%
Suburban						
Suburban Residential	\$3,667,291	\$4,720,197	28.71%	\$4,169,735	13.70%	88.34%
Suburban Multi-Family	\$1,253,246	\$1,079,600	-13.86%	\$1,430,628	14.15%	132.51%
Suburban Commercial	\$1,798,078	\$1,634,062	-9.12%	\$2,259,019	25.64%	138.25%
Suburban Industrial	\$51,219	\$44,974	-12.19%	\$63,757	24.48%	141.77%
Suburban Public Authority	\$18,570	\$15,679	-15.57%	\$23,217	25.02%	148.08%
Subtotal Suburban Retail	\$6,788,404	\$7,494,511	10.40%	\$7,946,357	17.06%	106.03%
West Milwaukee						
West Milwaukee Residential	\$150,634	\$174,364	15.75%	\$189,679	25.92%	108.78%
West Milwaukee Multi-Family	\$62,788	\$66,181	5.40%	\$79,438	26.52%	120.03%
West Milwaukee Commercial	\$142,647	\$153,843	7.85%	\$169,496	18.82%	110.17%
West Milwaukee Industrial	\$457,659	\$572,271	25.04%	\$562,840	22.98%	98.35%
Subtotal West Milwaukee Retail	\$813,729	\$966,659	18.79%	\$1,001,452	23.07%	103.60%
Wholesale						
Brown Deer	\$787,364	\$763,573	-3.02%	\$763,120	-3.08%	99.94%
Butler	\$174,581	\$216,350	23.93%	\$217,481	24.57%	100.52%
Greendale	\$813,174	\$829,701	2.03%	\$830,654	2.15%	100.11%
Menomonee Falls	\$1,720,477	\$1,837,423	6.80%	\$1,835,701	6.70%	99.91%
Mequon	\$652,920	\$697,073	6.76%	\$696,934	6.74%	99.98%
New Berlin	\$1,510,496	\$1,612,129	6.73%	\$1,612,564	6.76%	100.03%
Shorewood	\$637,518	\$604,443	-5.19%	\$607,906	-4.64%	100.57%
Wauwatosa	\$3,136,547	\$3,505,138	11.75%	\$3,520,042	12.23%	100.43%
West Allis	\$2,769,590	\$2,980,960	7.63%	\$2,989,434	7.94%	100.28%
County Institutions	\$0	\$0		\$0		
Subtotal Wholesale	\$12,202,667	\$13,046,790	6.92%	\$13,073,836	7.14%	100.21%
Public Fire Protection	\$8,900,223	\$8,036,023	-9.71%	\$8,034,457	-9.73%	99.98%
Private Fire Protection	\$789,665	\$475,328	-39.81%	\$789,665	0.00%	166.13%
Total	\$90,773,712	\$103,672,785	14.21%	\$103,697,926	14.24%	100.02%

Comparison of Revenue at Present Rates, Cost of Service, and Authorized Rates

Customer Class	Revenue at Present Rates	Cost of Service		Authorized Rates		
		Revenue Required	Increase Over Present Rates	Revenue at Proposed Rates	Increase Over Present Rates	Percent of Cost of Service
Combined General Service and Public Fire Protection						
Urban Residential	\$35,554,698	\$40,370,024	13.54%	\$39,451,457	10.96%	97.72%
Urban Multi-Family	\$8,934,944	\$9,547,571	6.86%	\$10,049,468	12.47%	105.26%
Urban Commercial	\$14,288,999	\$16,454,152	15.15%	\$17,649,928	23.52%	107.27%
Urban Industrial	\$5,737,896	\$8,551,748	49.04%	\$7,281,335	26.90%	85.14%
Urban Public Authority	\$4,322,781	\$5,846,812	35.26%	\$5,355,953	23.90%	91.60%
Subtotal Urban Retail	\$68,839,319	\$80,770,306	17.33%	\$79,788,141	15.90%	98.78%
Suburban Residential	\$4,291,959	\$5,190,232	20.93%	\$4,742,534	10.50%	91.37%
Suburban Multi-Family	\$1,375,819	\$1,171,946	-14.82%	\$1,543,166	12.16%	131.68%
Suburban Commercial	\$2,123,662	\$1,879,314	-11.51%	\$2,557,883	20.45%	136.11%
Suburban Industrial	\$63,363	\$54,122	-14.58%	\$74,906	18.22%	138.40%
Suburban Public Authority	\$22,904	\$18,943	-17.29%	\$27,195	18.74%	143.56%
Subtotal Suburban Retail	\$7,877,707	\$8,314,558	5.55%	\$8,945,684	13.56%	107.59%
West Milwaukee Residential	\$178,621	\$201,648	12.89%	\$216,965	21.47%	107.60%
West Milwaukee Multi-Family	\$70,311	\$73,518	4.56%	\$86,774	23.42%	118.03%
West Milwaukee Commercial	\$178,277	\$188,589	5.78%	\$204,242	14.56%	108.30%
West Milwaukee Industrial	\$488,194	\$602,048	23.32%	\$592,618	21.39%	98.43%
Subtotal West Milwaukee Retail	\$915,403	\$1,065,804	16.43%	\$1,100,600	20.23%	103.26%
Brown Deer	\$787,364	\$763,573	-3.02%	\$763,120	-3.08%	99.94%
Butler	\$174,581	\$216,350	23.93%	\$217,481	24.57%	100.52%
Greendale	\$813,174	\$829,701	2.03%	\$830,654	2.15%	100.11%
Menomonee Falls	\$1,720,477	\$1,837,423	6.80%	\$1,835,701	6.70%	99.91%
Mequon	\$656,568	\$697,073	6.17%	\$696,934	6.15%	99.98%
New Berlin	\$1,510,496	\$1,612,129	6.73%	\$1,612,564	6.76%	100.03%
Shorewood	\$706,411	\$604,443	-14.43%	\$607,906	-13.94%	100.57%
Wauwatosa	\$3,136,547	\$3,505,138	11.75%	\$3,520,042	12.23%	100.43%
West Allis	\$2,845,999	\$2,980,960	4.74%	\$2,989,434	5.04%	100.28%
County Institutions	\$0	\$0		\$0		
Subtotal Wholesale	\$12,351,618	\$13,046,790	5.63%	\$13,073,836	5.85%	100.21%
Private Fire Protection	\$789,665	\$475,328	-39.81%	\$789,665	0.00%	166.13%
Total	\$90,773,712	\$103,672,785	14.21%	\$103,697,926	14.24%	100.02%

Docket 3720-WR-109

Appendix C

Milwaukee Water Works
Authorized Water Rates and Rules

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

Docket 3720-WR-109

Milwaukee Water Works

Water Rate File Changes

Amended

- F-1
- F-2
- F-3
- Upf-1
- Mg-1R
- Mg-1NR
- Mg-2R
- Mg-2NR
- Mg-3
- W-1
- W-2
- W-3
- W-4
- W-5
- W-6
- W-7
- W-8
- W-9
- MI-1
- MI-2
- OC-1
- Mpa-1
- Mz-1
- Ug-1
- Sg-1
- R-1
- R-2
- X-1

Deleted

- W-10

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. F-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Public Fire Protection Service – Urban

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.

Quarterly Public Fire Protection Service Charges:

5/8 - inch meter:	\$ 8.74	3 - inch meter:	\$ 131.15
3/4 - inch meter:	\$ 8.74	4 - inch meter:	\$ 218.58
1 - inch meter:	\$ 21.86	6 - inch meter:	\$ 437.16
1 1/4 - inch meter:	\$ 21.86	8 - inch meter:	\$ 699.46
1 1/2 - inch meter:	\$ 43.72	10 - inch meter:	\$ 1,049.19
2 - inch meter:	\$ 69.95	12 - inch meter:	\$ 1,398.92

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

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. F-2

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Public Fire Protection Service – Suburban (Except West Milwaukee)

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 suburban retail communities have chosen to have the utility bill the urban retail general services customers for public fire protection service.

Quarterly Public Fire Protection Service Charges (Urban charges plus a 25 percent surcharge):

5/8 - inch meter:	\$ 10.93	3 - inch meter:	\$ 163.94
3/4 - inch meter:	\$ 10.93	4 - inch meter:	\$ 273.23
1 - inch meter:	\$ 27.33	6 - inch meter:	\$ 546.45
1 1/4 - inch meter:	\$ 27.33	8 - inch meter:	\$ 874.33
1 1/2 - inch meter:	\$ 54.65	10 - inch meter:	\$ 1,311.49
2 - inch meter:	\$ 87.44	12 - inch meter:	\$ 1,748.65

Customers in Greenfield, Hales Corners, and St. Francis and boundary customers in Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas who are provided service under Schedules Mg-2R and Mg-2NR shall also be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-2R.

RATE FILE

Sheet No. 1 of 1

Schedule No. F-3

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Public Fire Protection Service – Suburban – West Milwaukee

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.

Quarterly Public Fire Protection Service Charges:

5/8 - inch meter:	\$ 8.97	3 - inch meter:	\$ 134.54
3/4 - inch meter:	\$ 8.97	4 - inch meter:	\$ 224.23
1 - inch meter:	\$ 22.42	6 - inch meter:	\$ 448.46
1 1/4 - inch meter:	\$ 22.42	8 - inch meter:	\$ 717.53
1 1/2 - inch meter:	\$ 44.85	10 - inch meter:	\$ 1,076.29
2 - inch meter:	\$ 71.75	12 - inch meter:	\$ 1,435.06

Customers in West Milwaukee who are provided service under Schedule Mg-3 shall be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-3.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. Upf-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

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.

Quarterly Private Fire Protection Service Demand Charges – Urban:

2 - inch or smaller connection:	\$	16.00
3 - inch connection:	\$	21.00
4 - inch connection:	\$	33.00
6 - inch connection:	\$	60.00
8 - inch connection:	\$	81.00
10 - inch connection:	\$	123.00
12 - inch connection:	\$	231.00
14 - inch connection:	\$	249.00
16 - inch connection:	\$	474.00

Quarterly Private Fire Protection Service Demand Charges - Suburban
(Urban charges above plus a 25 percent surcharge):

2 - inch or smaller connection:	\$	20.00
3 - inch connection:	\$	26.25
4 - inch connection:	\$	41.25
6 - inch connection:	\$	75.00
8 - inch connection:	\$	101.25
10 - inch connection:	\$	153.75
12 - inch connection:	\$	288.75
14 - inch connection:	\$	311.25
16 - inch connection:	\$	592.50

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. Mg-1RAmendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****General Service – Metered – Urban – Residential**

Quarterly Service Charges:

5/8 - inch meter:	\$ 20.60	3 - inch meter:	\$ 140.40
3/4 - inch meter:	\$ 20.60	4 - inch meter:	\$ 212.50
1 - inch meter:	\$ 33.10	6 - inch meter:	\$ 375.10
1¼ - inch meter:	\$ 33.10	8 - inch meter:	\$ 567.80
1½ - inch meter:	\$ 56.50	10 - inch meter:	\$ 820.80
2 - inch meter:	\$ 86.40	12 - inch meter:	\$ 1,073.80

Plus Volume Charges:

All water used quarterly: \$2.46 per 100 cubic feet

Residential Class includes residential and multifamily residential customers. Residential customers include single-family homes, duplexes, and individually metered condominiums, apartments, and mobile homes. Multifamily residential customers include master-metered multifamily dwelling units such as condominium complexes, apartment buildings, and mobile home parks.

Large volume retail customers may be billed monthly based on monthly meter readings at the discretion of Milwaukee Water Works.

Late payment charge: 5 percent (See also Wis. Stat. § 62.69(2)(e)).

Billing: See Water Utility Operating Rules (Schedule X-1), Chapter 5 - Billing and Collection.

RATE FILESheet No. 1 of 1Schedule No. Mg-1NRAmendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****General Service – Metered – Urban – Nonresidential**

Quarterly Service Charges:

5/8 - inch meter:	\$ 20.60	3 - inch meter:	\$ 140.40
3/4 - inch meter:	\$ 20.60	4 - inch meter:	\$ 212.50
1 - inch meter:	\$ 33.10	6 - inch meter:	\$ 375.10
1 1/4 - inch meter:	\$ 33.10	8 - inch meter:	\$ 567.80
1 1/2 - inch meter:	\$ 56.50	10 - inch meter:	\$ 820.80
2 - inch meter:	\$ 86.40	12 - inch meter:	\$ 1,073.80

Plus Volume Charges:

First	500,000	cubic feet used each quarter:	\$2.82 per 100 cubic feet
Next	1,500,000	cubic feet used each quarter:	\$1.82 per 100 cubic feet
Over	2,000,000	cubic feet used each quarter:	\$1.64 per 100 cubic feet

Nonresidential Class includes commercial, industrial, and public authority customers. Commercial customers include business entities and institutions, except governmental entities, that provide goods or services. Churches and parochial schools are not governmental and are classified as commercial. Industrial customers include customers who are engaged in the manufacture or production of goods. Public Authority customers include any department, agency, or entity of local, state, or federal government, including public schools, colleges, and universities.

Large volume retail customers may be billed monthly based on monthly meter readings at the discretion of Milwaukee Water Works.

Late payment charge: 5 percent (See also Wis. Stat. § 62.69(2)(e)).

Billing: See Water Utility Operating Rules (Schedule X-1), Chapter 5 - Billing and Collection.

RATE FILESheet No. 1 of 1Schedule No. Mg-2RAmendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****General Service – Suburban (Except West Milwaukee)**

Quarterly Service Charges (All Customer Classes - Urban charges plus a 25 percent surcharge):

5/8 - inch meter:	\$	25.75	3 - inch meter:	\$	175.50
3/4 - inch meter:	\$	25.75	4 - inch meter:	\$	265.63
1 - inch meter:	\$	41.38	6 - inch meter:	\$	468.88
1¼ - inch meter:	\$	41.38	8 - inch meter:	\$	709.75
1½ - inch meter:	\$	70.63	10 - inch meter:	\$	1,026.00
2 - inch meter:	\$	108.00	12 - inch meter:	\$	1,342.25

Plus Volume Charges for customers in Greenfield, Hales Corners, and St. Francis and boundary customers in Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas (Urban charges plus a 25 percent surcharge):

Plus Volume Charges:

All water used quarterly: \$3.08 per 100 cubic feet

Residential Class includes residential and multifamily residential customers. Residential customers include single-family homes, duplexes, and individually metered condominiums, apartments, and mobile homes. Multifamily residential customers include master-metered multifamily dwelling units such as condominium complexes, apartment buildings, and mobile home parks.

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. Mg-2NRAmendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****General Service – Suburban (Except West Milwaukee)**

Quarterly Service Charges (All Customer Classes - Urban charges plus a 25 percent surcharge):

5/8 - inch meter:	\$	25.75	3 - inch meter:	\$	175.50
3/4 - inch meter:	\$	25.75	4 - inch meter:	\$	265.63
1 - inch meter:	\$	41.38	6 - inch meter:	\$	468.88
1¼ - inch meter:	\$	41.38	8 - inch meter:	\$	709.75
1½ - inch meter:	\$	70.63	10 - inch meter:	\$	1,026.00
2 - inch meter:	\$	108.00	12 - inch meter:	\$	1,342.25

Plus Volume Charges:

First	500,000	cubic feet used each quarter:	\$3.53 per 100 cubic feet
Next	1,500,000	cubic feet used each quarter:	\$2.28 per 100 cubic feet
Over	2,000,000	cubic feet used each quarter:	\$2.05 per 100 cubic feet

Nonresidential Class includes commercial, industrial, and public authority customers. Commercial customers include business entities and institutions, except governmental entities, that provide goods or services. Churches and parochial schools are not governmental and are classified as commercial. Industrial customers include customers who are engaged in the manufacture or production of goods. Public Authority customers include any department, agency, or entity of local, state, or federal government, including public schools, colleges, and universities.

Billing: Same as Schedule Mg-1NR.

RATE FILESheet No. 1 of 1Schedule No. Mg-3Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****General Service – Suburban – West Milwaukee**

Quarterly Service Charges:

5/8 - inch meter:	\$ 25.75	3 - inch meter:	\$ 175.50
3/4 - inch meter:	\$ 25.75	4 - inch meter:	\$ 265.63
1 - inch meter:	\$ 41.38	6 - inch meter:	\$ 468.88
1 1/4 - inch meter:	\$ 41.38	8 - inch meter:	\$ 709.75
1 1/2 - inch meter:	\$ 70.63	10 - inch meter:	\$ 1,026.00
2 - inch meter:	\$ 108.00	12 - inch meter:	\$ 1,342.25

Plus Volume Charges:

First	10,000	cubic feet used each quarter:	\$1.71 per 100 cubic feet
Next	490,000	cubic feet used each quarter:	\$1.39 per 100 cubic feet
Next	1,500,000	cubic feet used each quarter:	\$1.35 per 100 cubic feet
Over	2,000,000	cubic feet used each quarter:	\$1.32 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. W-1Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – Brown Deer**

Wholesale water service to the Brown Deer Water Public Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 946.33 per month

Volume Charge: \$ 1.22 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

RATE FILE

Sheet No. 1 of 1

Schedule No. W-2

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Wholesale Water Service – Butler

Wholesale water service to the Butler Public Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 312.58 per month

Volume Charge: \$ 1.45 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 1 of 1

Schedule No. W-3

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Wholesale Water Service – Greendale

Wholesale water service to the Village of Greendale Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 1,157.17 per month

Volume Charge: \$ 1.44 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. W-4Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – Menomonee Falls**

Wholesale water service to the Village of Menomonee Falls Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 1,157.17 per month

Volume Charge: \$ 1.27 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 1 of 1

Schedule No. W-5

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Wholesale Water Service - Mequon

Wholesale water service to the Mequon Municipal Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 473.17 per month

Volume Charge: \$ 1.42 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. W-6Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – New Berlin**

Wholesale water service to the New Berlin Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 946.33 per month

Volume Charge: \$ 1.26 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

RATE FILESheet No. 1 of 1Schedule No. W-7Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – Shorewood**

Wholesale water service to the Shorewood Municipal Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 709.75 per month

Volume Charge: \$ 1.20 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

RATE FILESheet No. 1 of 1Schedule No. W-8Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – Wauwatosa**

Wholesale water service to the Wauwatosa Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 2,052.00 per month

Volume Charge: \$ 1.37 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=

PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 1 of 1Schedule No. W-9Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Wholesale Water Service – West Allis**

Wholesale water service to the West Allis Municipal Water Utility shall be provided at the following rate:

Public Fire Protection Service

Service Charge: \$ 0.00 per month

General Service

Service Charge: \$ 1,368.00 per month

Volume Charge: \$ 1.22 per 100 cubic feet

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 1 of 1

Schedule No. MI-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Municipal Interconnection Charge - Cudahy

For emergency water service provided to the City of Cudahy, the following charges shall apply:

Service Charge: \$4,000 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Applicable charge under Schedule Mg-2R.

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. MI-2

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Municipal Interconnection Charge – North Shore Water Commission

For emergency water service provided to the North Shore Water Commission, the following charges shall apply:

Service Charge: \$3,100 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Applicable charge under Schedule Mg-2R.

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. OC-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Other Charges

Payment Not Honored by Financial Institution Charge: The utility shall assess a \$35.00 charge to the customer’s account 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 \$40.00 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 \$35.00 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:	\$65.00
After normal business hours:	\$65.00

Real Estate Closing Account Charge: The utility shall assess a \$10.00 charge whenever a customer or the customer’s agent requests written documentation from the utility of the customer’s account status in connection with a real estate closing.

Records Request Charge: The utility shall assess a charge of \$3.00 per bill whenever a customer or the property owner requests copies of bills that exceed two years from the request date.

Billing: Same as Schedule Mg-1R.

RATE FILE

Sheet No. 1 of 1

Schedule No. Mpa-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Public Service

Metered Service

Water used by the City of Milwaukee 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-1NR.

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-1NR, excluding any service charges.

Billing: Same as Schedule Mg-1NR.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILESheet No. 1 of 2Schedule No. Mz-1Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Miscellaneous Service**

Deposits:

Hydrant Wrench:	\$220.00
Hydrant Cap:	\$175.00
Small Meter:	\$125.00
Large Meter:	\$1,300.00

Hydrant wrench and cap must be returned at the expiration of the hydrant use permit.

Sewer Flushing and Lining: Per 100 feet or portion thereof based on sewer diameter pipe below.

12-inch and smaller	\$35.00
Larger than 12-inch to 24-inch	\$140.00
Larger than 24-inch to 36-inch	\$265.00
Larger than 36-inch to 60-inch	\$720.00
Larger than 60-inch	\$1,700.00

Metered Hydrant Use:

General Service Charge:	\$70.00 per week (non-refundable)
Meter Installation:	\$380.00 per occurrence
For Water Used Inside Milwaukee:	Apply Urban Volume Charges (Schedule Mg-1R)
For Water Used Outside Milwaukee:	Apply Urban Volume Charges (Schedule Mg-1R) plus a 25 percent surcharge.

When water is taken from a Milwaukee Water Works hydrant before obtaining the required permit, a permit fee equaling 4 times the normal original permit fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter size requirement is at the discretion of Milwaukee Water Works.

RATE FILESheet No. 2 of 2Schedule No. Mz-1Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Miscellaneous Service****Garden Plots:**

Unmetered water from public hydrants used during the growing season (April through September) for garden plots on city property shall be charged the following rates for service (outside the City of Milwaukee add a 25 percent surcharge):

Irrigable: \$75.00 service charge per hydrant connection per season.
\$30.00 per 1,000 square feet or portion thereof.
This volume is approximately 1,135 gallons per 100 square feet per growing season.

Hand-Carry: \$75.00 service charge per hydrant connection per season.
\$10.00 per 1,000 square feet or portion thereof.
This volume is approximately 427 gallons per 100 square feet per growing season.

City Boulevards Irrigated by Sprinklers: \$25.00 per 1,000 square feet annually.

Chargeable Hose Connections: \$1,100.00 per temporary hose connection at customer request.

Bulk Water Permits:

Set Up: \$75.00 annual fee (non-refundable)
Fill Charge: \$20.00 per visit to fill
Volume Charge: Same as Schedule Mg-1R

Caulkers Test Charge: \$110.00 per test

Inspectors certify that contractor personnel are able to pass a written test on the procedure on how to caulk a water main.

Flow Test Charge: \$440.00 per test

Engineering provides water pressure and fire flow tests on the system. These tests take about 1 to 2 hours.

Billing: Same as Schedule Mg-1R.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 1 of 1

Schedule No. Ug-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

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 2,200 cubic feet of water per quarter under Schedules Mg-1R, Mg-1NR, Mg-2R, Mg-2NR, or Mg-3, including the service charge for a 5/8-inch meter. If the utility determines that actual usage exceeds 2,200 cubic of water per quarter, an additional charge for the estimated excess usage shall be made according to the rates under Schedules Mg-1R, Mg-1NR, Mg-2R, Mg-2NR, or Mg-3.

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 Schedules Mg-1R, Mg-1NR, Mg-2R, Mg-2NR, or Mg-3.

Billing: Same as Schedule Mg-1R.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. Sg-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Seasonal Service

Seasonal customers are general service customers who voluntarily request disconnection of water service and who resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill seasonal customers the applicable service charges under Schedules Mg-1R, Mg-1NR, Mg-2R, Mg-2NR, or Mg-3 year-round, including the period of temporary disconnection.

Seasonal service shall include customers taking service under Schedules Mg-1R, Mg-1NR, Mg-2R, Mg-2NR, Mg-3, or Ug-1.

Upon reconnection, the utility shall apply a charge under Schedule R-1 or Schedule R-2 and require payment of any unpaid charges under this schedule.

Billing: Same as Schedule Mg-1R, unless the utility and customer agree to an alternative payment schedule for the period of voluntary disconnection.

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 1 of 1

Schedule No. R-1

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Reconnection Charges

	<u>During Normal Business Hours</u>	<u>After Normal Business Hours</u>
Reinstallation of meter, including valving at curb stop	Applicable charge in Schedule R-2	Applicable charge in Schedule R-2 plus \$25.00
Valve turned on at curb stop only	\$60.00	\$85.00

Note: No charge for disconnection.

Billing: Same as Schedule Mg-1R.

RATE FILESheet No. 1 of 5Schedule No. R-2Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Charges for Connections, Repairs, and Resetting Meters****Permit Application Charge:**

The charge for each separate application made for a tap, branch, or extension includes a non-refundable \$100.00 fee.

Tapping Charge:

The tapping charge covers the cost of the supplied Milwaukee Water Works specified and inspected materials. Materials are to be obtained at the DPW Field Headquarters facility located at 3850 North 35th Street, Milwaukee, WI 53216. Telephone contact numbers are (414) 286-0669 or (414) 286-6123.

Materials include: corporation stop, curb stop, service box (and in paved area a roadway service box) and saddle if specified. Service insulator supplied by the permit holder shall be installed at the curb stop. If work is commenced without obtaining a permit, a permit fee equal to 4 times the normal original fee will be assessed up to a maximum of \$2,000.00 per occurrence.

Main Size (Inches)	Service Pipe Size (Inches)		
	1	1½	2
4	\$252.00*	\$432.00*	\$948.00*
6	\$228.00	\$510.00*	\$681.00*
8	\$228.00	\$527.00*	\$709.00*
12 and larger	\$228.00	\$527.00	\$709.00

*Requires and includes tapping saddle

Roadway Service Box (if service box is in a paved roadway): \$180.00

EFFECTIVE: =TBD=

PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 2 of 5

Schedule No. R-2

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works

Charges for Connections, Repairs, and Resetting Meters

Branch Charge (TAPPING):

The branch charge includes furnishing and installing a special sleeve or tee as required, the branch valve (gate or butterfly), and furnishing the valve box and cover. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Main Size (Inches)	Branch Size (Inches)					
	3	4	6	8	10	12
6	\$1,990.00*	\$2,120.00	N/A	N/A	N/A	N/A
8	\$2,000.00*	\$2,180.00	\$2,430.00	N/A	N/A	N/A
12	N/A	\$2,300.00	\$2,570.00	\$3,140.00	\$3,790.00	N/A
16	N/A	\$2,500.00	\$2,740.00	\$3,370.00	\$4,090.00	\$5,080.00
20	N/A	\$3,160.00**	\$3,160.00	\$3,900.00	N/A	N/A

* - Plumber must supply a reducer at branch valve to install 3-inch pipe.

** - Plumber must supply a reducer at branch valve to install 4-inch pipe.

N/A - Not applicable.

EFFECTIVE: =TBD=

PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 3 of 5

Schedule No. R-2

Amendment No. 117

Public Service Commission of Wisconsin

Milwaukee Water Works

Charges for Connections, Repairs, and Resetting Meters

Branch Charge (CUT-IN):

The branch charge includes all MWW costs to furnish a branch tee or anchor tee, branch valve, two (2) sleeves, and furnishing valve box parts for all branches that are installed in this manner. Additional charges will be required when an isolation water main valve is required, or when dual purpose sleeves are required in place of standard sleeves. Dual Purpose Sleeves are required when installing cut-in branches on water main diameters 6"-12" installed between the years 1873-1945, or on water main 16" diameter installed in the years 1945-1964.

Charges also include all MWW costs for the operation of its water system valves, customer notifications, and associated water flushing required in coordination branch installations.

*Additional fees may be required for branch materials required for installations not identified below.

Main Size (Inches)	BRANCH SIZE SINGLE		
	6	8	12
6	\$2,930.00	N/A	N/A
8	\$3,430.00	\$3,753.00	N/A
12	\$5,260.00	\$5,610.00	\$6,450.00
16	\$8,560.00	\$9,210.00	\$11,270.00

Main Size (Inches)	BRANCH SIZE DUAL		
	6	8	12
6	\$10,515.00	N/A	N/A
8	\$11,920.00	\$13,790.00	N/A
12	\$16,730.00	\$18,690.00	\$24,831.00
16	\$25,316.00	\$28,352.00	\$40,000.00

Main Size (Inches)	Incremental Cost when Dual Purpose Sleeves are Required
	6
8	\$425.00
12	\$1,320.00
16	\$4,380.00

EFFECTIVE: =TBD=

PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 4 of 5Schedule No. R-2**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****Charges for Connections, Repairs, and Resetting Meters**

Extension (Meters) Charge:

The extension charge includes furnishing, testing, and installing the meter and automatic meter reading (AMR) device. Prices on request for meter types and sizes not listed. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter Size (Inches)	Positive Displacement	Compound Turbine
5/8	\$267.22	N/A
3/4	\$296.68	N/A
1	\$349.40	N/A
1½	\$625.87	N/A
2	\$822.10	N/A
2C	N/A	\$ 1,816.56
3	N/A	\$ 2,570.35
4	N/A	\$ 3,886.50
6	N/A	\$ 5,632.77
8	N/A	\$ 8,837.00
10	N/A	\$ 1,009.10
4×2	N/A	\$ 7,618.75
6×2	N/A	\$ 10,272.30
8×2	N/A	\$ 13,454.66
10×2	N/A	\$ 19,452.62

Repair Charges:

Rule 4.1.3 of City of Milwaukee, Department of Public Works, Milwaukee Water Works, Rules and Regulations Governing Water Service, requires that damage through customer negligence be repaired by the utility at the customer's expense. Repair expense will be billed at established rates for parts and labor for actual time and material used.

Charges for complaint tests will be made in accordance with Wis. Admin. Code §§ PSC 185.77 and 185.78.

RATE FILESheet No. 5 of 5Schedule No. R-2Amendment No. 117**Public Service Commission of Wisconsin****Milwaukee Water Works****Charges for Connections, Repairs, and Resetting Meters**

Meter Reset Charges:

A meter reset charge applies to an account when utility personnel make a service call and find the meter missing, removed illegally, or previously removed at the owner's request.

Meter Size (Inches)	Charge
5/8	\$ 40.00
3/4	\$ 40.00
1	\$ 40.00
1½	\$ 130.00
2	\$ 180.00
2C	\$ 280.00
3	\$ 380.00
4	\$ 380.00
6	\$ 560.00
8	\$ 750.00
10	\$ 750.00
4×2	\$ 750.00
6×2	\$ 750.00
8×2	\$1,130.00
10×2	\$1,150.00

Outside the City of Milwaukee: Add 25% surcharge

Billing: Same as Schedule Mg-1R.

RATE FILESheet No. 1 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****MILWAUKEE WATER WORKS****RULES AND REGULATIONS****GOVERNING
WATER SERVICE**

The Rules and Regulations set forth herein are prescribed and established pursuant to the authority and power granted by the -

Wisconsin Statutes and Enactments of the State Legislature

Milwaukee City Charter

Milwaukee Code of Ordinances

Resolutions of the Milwaukee Common Council

Public Service Commission of Wisconsin

and supersede all previously established Rules and Regulations of the Milwaukee Water Works governing water service.

Adopted by the Common Council of the City of Milwaukee on August 1, 2002, Resolution File No. 020514.

Filed with the Public Service Commission of Wisconsin on September 23, 2002.

The City of Milwaukee has a policy of nondiscrimination on the basis of disability.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 2 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works

WATER UTILITY OPERATING RULES

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Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 3 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works

WATER UTILITY OPERATING RULES

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Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILE

Sheet No. 4 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works

WATER UTILITY OPERATING RULES

Chapter 1 General Requirements

Terms and Definitions

Section 1.1.0

Unless the context of these Rules and Regulations shall clearly indicate otherwise, the following terms as used in these Rules and Regulations shall have the following respective meanings, such definitions to be equally applicable to both singular and plural forms of the terms:

(1) Battery Meter Setting

A battery meter setting is a meter setting having two or more meters in parallel.

(2) Building

A building is a structure having walls and a roof erected or set upon an individual foundation or slab constructed base designed or used for housing, shelter, enclosure or support of persons, animals or property of any kind. Abutting structures that do not provide access from one to the other through the foundation wall shall be considered as separate buildings. A structure that serves its intended purpose with no dependence on adjoining structures shall be considered a separate building.

(3) Building Piping (State of Wisconsin Plumbing Code refers to building piping as "water distribution system".
See definition in Wis. Admin. Code § Comm 81.01(28) (Department of Commerce))

Building piping is the piping from the outlet of the valve on the discharge side of the water meter to its terminus at the point of consumption or outlet. The State of Wisconsin Administrative Code is to be referred to for building piping specifications. Applicable codes of the National Board of Fire Underwriters are to be referred to for building piping to be used for fire protection purposes.

RATE FILESheet No. 5 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****(4) City**

The City of Milwaukee, Wisconsin, a municipal corporation of the State of Wisconsin, located in the County of Milwaukee.

(5) Commissioner

The Commissioner of Public Works of the City of Milwaukee, or a duly authorized representative.

(6) Common Council

The Common Council of the City of Milwaukee.

(7) Customer

The term *Customer* as used herein is generic and includes the property owner, the property owner's agent, the plumber, the installer of air conditioning, the installer of refrigeration equipment, the installer of private fire protection systems when doing work encompassed by these Rules and Regulations, the occupant of the building or property, the lessee, the tenant, the user of the premises, the suburban community and public authorities.

The customer receives water service directly from the Milwaukee Water Works.

(8) Feeder Main

A feeder (transmission) main is a water main from a pumping station, reservoir, or tank, which supplies water to an area served.

(9) Foreign Supply

A foreign supply is water service furnished from a source other than from the Milwaukee Water Works.

(10) General Office

The Office of the Superintendent and main office of the Milwaukee Water Works.

RATE FILE

Sheet No. 6 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****(11) Inspection - Water Service Piping and Meter Pits**

Water service piping shall be approved by the Utility. In the City of Milwaukee and in suburban retail areas, inspection service is performed by the Department of Neighborhood Services Plumbing and Sprinkler Inspection Section.

(12) Milwaukee Water Works (MWW)

The Milwaukee Water Works is a public water utility owned by the City of Milwaukee.

(13) Plumber

The term *plumber* or *plumbing contractor* as used herein shall mean a properly licensed person who is licensed by the appropriate agency of the State of Wisconsin and has the required insurance and a proper performance bond.

(14) Public Water Main

A public water main is the water pipe, special castings, gate valves, valve boxes and manholes, installed as an integral part of the Utility's underground system, but does not include hydrant units, water service piping or cisterns.

(15) Public Service Commission of Wisconsin (PSC)

The PSC is the regulatory agency that regulates the rates and practices of the Utility. Chapter PSC 185 of the Wisconsin Administrative Code identifies the Standards for Water Public Utility Service administered by the PSC.

(16) Rules and Regulations

The Rules and Regulations is a guide for granting water service and governing conduct, action and water usage between the Utility and the Customer.

(17) Schedules - Water Rates - Charges and Prices

The tariff of fire protection service and general service rates, charges, fees and prices is established by the Public Service Commission of Wisconsin for water service furnished to customers of the Utility.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

Sheet No. 7 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works

WATER UTILITY OPERATING RULES

The schedule of miscellaneous water rates, charges, fees and prices is established by the Utility and approved by the Public Service Commission for water service other than fire protection and general water service furnished to customers of the Utility.

The schedule of charges and prices for work performed and materials furnished by the Utility is established by the Utility.

(18) Superintendent

The Superintendent of the Milwaukee Water Works or a duly authorized representative.

(19) Utility

The term Utility as used herein is the Milwaukee Water Works.

(20) Water Meter

A water meter is an instrument installed by the Utility, or its agent, to measure the volume and/or rate of flow of water at the customer's premises.

(21) Water Meter Setting

A meter setting is an installation of piping, which accommodates a meter or meters, complete with all valves and fittings, including the bypass piping and valves, necessary for normal operation of the meter or meters.

(22) Water Service

Water service is the furnishing of water by the Utility to its customers. The types of water service offered by the Utility are as follows:

Urban and Suburban Retail Service - General.....	2.1.0
Urban and Suburban Retail Service - Fire Protection and Miscellaneous.....	2.2.0
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Water Cooled Air Conditioning Service.....	2.5.0

RATE FILE

Sheet No. 8 of 43

Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****(23) Water Service Agreement**

A water service agreement is an agreement between the customer and Utility created by the acceptance by the Utility of a proper application for water service from a customer or a prospective customer. The water service agreement is not a plumbing permit. The plumbing permit for water service shall be obtained from the Milwaukee Development Center.

(24) Water Service Piping

Water service piping is the piping installed from the water main up to the connection to the building piping, and is further defined in the Water Service Piping Specifications. It includes any surface or subsurface structures (meter pits or wells) and/or other essential appurtenances required by the Utility but not specifically mentioned. Water service piping is further identified, depending on the size and arrangement, as either Tap service piping or Branch service piping.

Tap service piping is up to, and including, two (2") inches in diameter and contains a corporation stop, with or without a saddle, copper tubing, a curb stop, a service box, a meter with or without a meter horn or yoke, and meter inlet and outlet valves. Water service piping also includes, when required, bypass piping around the meter including the valve on the emergency/test piping, plus the test discharge piping to the exterior of the building.

Branch service piping is three (3") inches in diameter and larger at the point of connection to the water main, and contains a tapping sleeve and gate valve or a branch three-way and a gate valve, a valve box, ductile iron pipe, special castings, a test connection complete with valves, a meter and meter inlet and outlet valves. Branch service piping may be for general water service or private fire protection service and may have a single or battery meter setting. Branch service piping also includes, when required, bypass piping around the meter, up to the flange connecting the bypass piping to the building piping, plus a valve in the bypass pipe and is further defined in the Water Service Piping Specifications.

(25) Water Service Piping Specifications

The Water Service Piping Specifications are a detailed description of materials, method of installation, sizes, and general terms applying to the installation, repair and alteration of water service piping.

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Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****General Requirements****Section 1.2.0****1.2.1 Application of Rules**

These Rules and Regulations apply to all types of service offered by the Utility. (See Rule 1.1.0 (22)) The interpretation of these Rules and Regulations or Water Service Piping Specifications shall be vested in the Milwaukee Water Works.

1.2.2 Entry to Premises

The customer shall permit any authorized agent of the Utility free access to the premises or any part thereof during reasonable or business hours for the inspection of the water supply; or of the piping, water meters and appurtenances used and useful in the delivery and control of water; or for the installation, removal, repair, testing, or reading of a water meter.

1.2.3 Penalty for Refusing Entry to Premises

Failure to provide entry shall constitute a violation of these Rules and if the water to the premises is turned off as prescribed under Rule 1.2.10, a fine in accordance with the Wis. Stat. § 196.171 shall be paid before water service will be restored.

1.2.4 Protection Against Injury

Each customer shall be responsible for maintaining said premises free from any condition which creates a hazard to the authorized agents or employees of the Utility who may enter said premises in the performance of their duties.

1.2.5 Protection Against Damage

Each customer shall employ and maintain suitable means for protecting the customer's water system and all appliances and appurtenances connected therewith against damage which may in any way arise from the use of the water supply, variation in water pressure, or interruption in water service. Particularly, shall water cooled compressors on refrigeration systems be protected by means of an automatic shut-off device in the event of a variation or interruption in the water supply.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES**

Air compression facilities on dry sprinkler systems for private fire protection service shall be configured to eliminate any possibility of air entering the City water mains.

Precautionary measures shall also be taken to prevent or correct the transmission of water hammer, or the noise of operation of motors, valves, or appurtenances, through the water piping to other premises. When water hammer occurs in the building piping, a shock absorber shall be installed as close as possible to the fixture causing the hammer in order to protect the water service piping from damage.

1.2.6 Liability for Damage

The customer shall be liable for damage to person or property resulting from any defective condition of the water service piping from the point described in Rule 3.3.1 to the outlet valve of the meter.

1.2.7 Claims Against the Utility

Claims against the Utility will not be accepted for damage to any pipe, fixture, appliance or appurtenance resulting from interrupted water service, variation in water pressure, temporary water service through hose connections, turning off or on of the water supply either wholly or in part for the purpose of extending, altering, or repairing any water main or water service line, or discontinuance of water service to the premises for violation of a rule or regulation of the Utility. Claims against the Utility must be made against the City of Milwaukee pursuant to state and local law.

1.2.8 Right to Recover for Damage

The Utility shall have the right to recover from any person, firm, or corporation, any expense incurred by said Utility for the repair or replacement of any water hydrant, water main, water service pipe, corporation stop, valve, stop box, or valve box, damaged in any manner by said person, firm, or corporation, or agent thereof, in the performance of any work under their control.

1.2.9 Protection Against Contamination

The customer shall not cross-connect the Utility's water supply with a supply from a foreign source, or with a fixture, appliance, or appurtenance, whereby water from a foreign supply or waste from a fixture, appliance, appurtenance, waste pipe, or soil pipe may flow, be siphoned, or be pumped into the piping of the Utility's water system.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****1.2.10 Penalty for Infraction of Rules**

Any customer who violates any of the Rules and Regulations or Water Service Piping Specifications of the Utility shall, following a 10-day written notice indicating the nature of the violation and the penalty for such violation, be deprived of water service until full and satisfactory compliance with such Rules and Regulations has been made and the charge for turning the water service on or off has been paid.

Any plumber who violates the Rules and Regulations or Water Service Piping Specifications of the Utility shall be notified of the violation. Notification will be by letter from the Utility, or its agent. If after notification the violation continues to exist for a 15-day period, a copy of the notification letter is to be forwarded to the plumber's bonding company, together with any claim for damages the Utility may have. Until such time as the violation is corrected and any claim for damage is settled, applications for water service bearing the plumber's name will not be accepted by the Utility, or its agent.

Any installer of air conditioning equipment, refrigeration equipment, or private fire protection systems who violates any of the Rules and Regulations or Water Service Piping Specifications of the Utility, shall be notified of the violation. If the violation continues to exist for 15 days after notification, a copy of the notification letter is to be forwarded to the City of Milwaukee's Department of Neighborhood Services (DNS) and to the customer. The Plumbing Inspection Section of DNS will be requested to withhold the issuance of permits to the installer until full and satisfactory compliance with such Rules and Regulations has been made.

1.2.11 Penalty for Failure to Remove Cross-Connection

Any person who shall refuse or fail to remove, after notification by the Utility or its agent, any pipe, fitting, appliance, or appurtenance which in any manner forms, or may form, a cross-connection with the City water supply as stipulated in Rule 1.2.9 shall be deprived of water service until full and satisfactory compliance with the order for such removal has been made.

1.2.12 Plumber Required

The application for water service and the application for a plumbing permit shall be made by a plumber and the work of installing, altering, or repairing water service piping shall be performed by a plumber as defined in Rule 1.1.0 (13).

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****1.2.13 Charges, A Lien on Property**

All water service bills and charges for repairing water meters and/or water service piping shall be a lien on the lot, part of lot, or parcel of land to which water was supplied. If such charges remain unpaid on the first day of October in any year, the charge or charges shall be certified to the clerk of the municipality on or before the first day of November next following, to be placed on the tax roll for collection.

1.2.14 Confiscation of Curb Stop Rod Keys

Curb stops shall be operated only by the Utility or by a plumber. The use or possession of a rod key for operating curb stops by any other person is strictly prohibited. Any rod key for operating curb stops found in the possession of unauthorized persons will be confiscated by the Utility.

1.2.15 Confiscation of Gate Valve Rod Keys

Main valves and branch valves shall be operated by the Utility. The use or possession of a valve rod key by any person other than an employee of the Milwaukee Water Works is strictly prohibited. Any valve rod key found in the possession of unauthorized person will be confiscated by the Utility.

1.2.16 Tapping Work

Plumber's request for tapping work to be performed by the Utility shall be made at least 48 hours in advance. If for any reason the tapping work cannot be performed when the tapping crew arrives on the site, the Utility is to be informed immediately by either the tapping crew or the plumber, or both. The Utility may dispatch a representative to determine the reason why the tapping work cannot be performed.

1.2.17 Notification for Inspection

It shall be the duty of the plumbing contractor or his agent to notify the Plumbing Inspection Section of the Department of Neighborhood Services that a water service piping installation is to be inspected. The notification shall specify the job location, tap or branch number, and the time the job will be ready for inspection.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

It shall be the duty of the plumbing contractor or his agent to complete water service piping installation before requesting inspection. If for any reason the plumbing contractor shall fail to have the work ready for inspection at the time designated in his call, a second notice shall be made to the Plumbing Inspection Section of the Department of Neighborhood Services, designating the job location, tap or branch number, and time for inspection. If such water service piping is not ready for inspection at the time designated in the second notice, a penalty charge shall be imposed by the Plumbing Inspection Section for each additional inspection call.

Service Agreement**Section 1.3.0****1.3.1 Service Agreement Condition**

Before a service agreement will be entered into, all unpaid water main assessments and all water connection charges shall be paid in full.

1.3.2 Service Agreement

In addition to these Rules and Regulations, all customers receiving water service from the Utility are subject to and must comply with all of the following, current copies of which are on file at the general office and are incorporated herein by this reference:

1. Schedule of General Water Rates,
2. Schedule of Miscellaneous Water Rates,
3. Schedule of Charges and Prices, and
4. Water Service Piping Specifications.

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Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****1.3.3. Initiation of Service Agreement**

Applications for water service are to be submitted on the standard Water Service Agreement form furnished by the Utility. Upon receipt and acceptance of an application for water service, the Utility or its agent will prepare and distribute multiple copies of the agreement.

The charges made by the Utility at the time a water service agreement is initiated include the furnishing and installing of the corporation stop or branch valve, the furnishing of the curb stop, and the furnishing and installing of a water meter and automated meter reading device. If existing water service piping (Rule 3.2.1) is to be used, the charge will be adjusted accordingly.

When a combination fire and domestic service line is extended into the building, the Utility's permit charge for both the domestic and fire line will be paid by the plumbing contractor applying for water service.

1.3.4 Duration and Termination of Service Agreement

The service agreement continues in effect until terminated. Termination of the service agreement occurs when the following conditions have been met:

1. The unused service piping is disconnected or capped in accordance with Rule 3.2.2.
2. The Utility has recovered its water meter(s) in accordance with Rule 4.1.13.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****Chapter 2
Water Service****Urban and Suburban Retail Service - General****Section 2.1.0****2.1.1 Basis of Use**

Water service to any customer will be on a metered basis only.

2.1.2 Installation at Customer's Expense

All water service piping shall be installed at the customer's expense.

2.1.3 Public Thoroughfare Frontage Required

A permit may be granted for the installation of water service piping to any premises, lot, or parcel of land, if such premises, lot, or parcel of land abuts a street in which a water main has been installed.

In special instances where water mains are installed in easements, a permit for the installation of water service piping may be granted consistent with the situation.

2.1.4 Turn Off and Turn On

Water service will be turned off or turned on at the request of the owner.

Water service may also be turned off by the Utility as a protective measure or as a penalty for violation of the Rules and Regulations. After turning off the water, it will not be turned on again to any premises until any delinquent charges and penalties imposed have been paid, or until any violation of the Rules and Regulations for which the water was turned off has been satisfactorily corrected. Residential water service will be restored if the customer establishes a deferred payment agreement for payment of the delinquent charges pursuant to Wis. Admin. Code § PSC 185.38.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

The water service shall be turned on or off at the street main or curb line only by an authorized employee of the Utility, except as herein provided.

A plumber, or his employee, may turn the water service to the premises on or off at the curb stop in connection with installing or repairing the water service piping for immediate test of his work, subject to the following restrictions:

1. He/she shall not operate a branch service valve under any circumstances.
2. He/she shall not turn on any water service which has previously been turned off by the Utility, except when required to do so for testing his work. Upon completion of the test, the plumber shall return the curb stop to the off position.

2.1.5 Condominiums

Each condominium building shall have its own water service. Building is defined in Rule 1.1.2. Each condominium unit shall have its own water meter, locking inlet valve (approved valves listed in Water Service Piping Specifications) and outlet valve. All building meters are to be in one area publicly accessible to the Utility for installation and servicing. When it is not feasible to install a meter for each condominium unit, a meter shall be installed where the service enters the building, and the owners and/or the condominium association shall be responsible for payment of all charges.

Urban and Suburban Retail Service - Miscellaneous**Section 2.2.0****2.2.1 Basis of Use**

Miscellaneous water service is categorized as special municipal uses or special private uses. Special municipal uses include such items as public fire protection, street sprinkling and flushing, sprinkling of parks (including center plots of streets) and flushing of sewers.

Special private uses include such items as existing hydraulic elevator indicator service and temporary water service for construction purposes.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****2.2.2 Public Fire Protection**

Fire hydrants, branch valves, and hydrant branches are installed primarily for the use of the municipal fire department. It is the responsibility of each municipal fire department served to keep the Utility advised regarding:

1. Agreements regarding joint use of fire hydrants along corporate limits common to municipalities.
2. Each hydrant used.
3. Location of fires where special Utility service is desired.

Uses of fire hydrants for other than fire-fighting purposes are permitted by the Utility or its agent under strict control.

Fire hydrants, branch valves, and hydrant branches will be inspected, replaced, altered, repaired, maintained, and generally kept in good working order by the Utility. Fire hydrants will be painted by the Utility in a standard color code.

2.2.3 Public Water Uses (Sprinkling and Flushing)

Municipalities must enter into service agreements for public use of water such as sprinkling of parks (including center plots in streets) and other public uses. Plans for proposed unmetered sprinkling systems must be approved by the Utility prior to the issuance of a service agreement.

2.2.4 Hydraulic Elevator Indicator Service

No further service agreements will be entered into for hydraulic elevator indicator service.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****2.2.5 Temporary Service for Purposes of Construction and Other Short-Term Uses - Fire Hydrant Use**

Water service from a fire hydrant on a temporary metered basis will be provided for purposes of construction or other short-term uses upon securing a proper permit. Water service on a temporary unmetered basis will be provided in special instances upon securing a permit. The Utility has sole discretion to approve or deny a request for hydrant use.

An amount of money to cover estimated charges, rentals, and deposits may be required by the Utility to guarantee payment of final billing. The Utility will furnish water service, a hydrant wrench and, if required, furnish a water meter at properly prescribed charges. The Utility may also provide a specially adapted hydrant cap containing a hose bib with a hose connection vacuum breaker attached, equivalent to Watts Series 8, and meeting the requirements of A.S.S.E. 1011. If ordinary garden hose is not of sufficient size for the customer's intended use, the customer will be required to furnish and install a backflow preventer of appropriate size. In addition, pipe or hose to transport the water from the outlet provided by the Utility to the point of use must be provided by the customer.

In the use of a fire hydrant supply, the hydrant must be fully opened with a Utility wrench only. Flow shall be regulated by means of a valve in the adapter attached to the hydrant nozzle. Only the municipal fire department and the Milwaukee Water Works have official wrenches. Unofficial hydrant wrenches will be confiscated by the Utility.

A penalty in accordance with City Ordinance will be imposed for the use of water without a proper permit or for the improper use of a hydrant. No further permits shall be issued until all proper costs for water service and any damages, including all assessed penalties, have been paid.

2.2.6 Billings and Refunds

The charges for all types of miscellaneous service will be those listed in appropriate schedules. Billings and payments shall be prompt for all charges. Deposits for items returned in good condition will be refunded promptly.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****Suburban Resale and County Service****Section 2.3.0****2.3.1 Reference**

Suburban Resale Service refers to water service to the municipalities of Brown Deer, Butler, Greendale, Menomonee Falls, New Berlin, Shorewood, Wauwatosa, and West Allis; to other water utilities, i.e., Wisconsin Gas Company - Water Services; and to any other communities who may from time to time be accepted as wholesale customers. County Service refers to water service to the County Institutions.

2.3.2 Basis of Use

Application for Suburban Resale and County Service are subject to approval by the Common Council.

Private Fire Protection Service**Section 2.4.0****2.4.1 Reference**

Section 2.4.0 refers to Private Fire Protection Service in the following types of service:

Urban and Suburban Retail Service - General

Private Fire Protection Service is water service to automatic sprinkler systems, high volume fire suppression systems, standpipes with hose outlets, and private hydrants.

2.4.2 Application

Application for a water service agreement shall be made after appropriate plans of the fire protection system have been reviewed by the Utility and approved by the Plan Examination Section of the Department of City Development.

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Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****2.4.3 Installation**

The customer shall furnish and install water service piping for private fire protection systems in accordance with Water Service Piping Specifications.

2.4.4 Notifications

The Utility shall be notified of any major change or alteration contemplated at any time in the fire protection system or service.

2.4.5 Inspection of Fire Protection Service Piping

The Plumbing and Sprinkler Inspection Section of the City of Milwaukee's Department of Neighborhood Services is the Utility's official inspection agency for fire protection service piping.

2.4.6 Maintenance

The granting of Private Fire Protection Service by the Utility is conditional upon the customer maintaining the system in its entirety from the street curb line free from leakage or improper usage. The customer shall prevent the unauthorized destruction of the Utility seals thereon, except for essential maintenance, testing, or for control of water required in the system for its intended operation. The destruction of a seal for any purpose shall immediately be reported to the Utility.

Private hydrants shall be identified by a green plastic ring on the nozzle stating "**PRIVATE HYDRANT**". The customer shall keep private hydrants in good working order.

2.4.7 Cross Connections

Cross connections of a private fire protection system to a foreign water supply or a sewer are prohibited.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****2.4.8 Use of Antifreeze or Other Foreign Material**

The use of antifreeze solution or other substances, except glycerin or propylene glycol, for any purpose whatever in a section of a private fire protection system connected to the City water mains is prohibited, unless written approval of the Utility is first obtained. Such approval must be requested by the customer in writing, giving all pertinent data. This requirement applies to new installations, as well as to any necessary replacements of solution in existing installations.

Water Cooled Air Conditioning Service**Section 2.5.0****2.5.1 Reference**

Chapter 2.5.0 refers to water service to air conditioning systems in the following types of service:

Urban and Suburban Retail Service - General

2.5.2 Basis of Use

Water service to non-conserving water cooled air conditioning and/or refrigeration units, as defined below, will be furnished and billed for demand charges. The demand charges shall be in addition to charges at regular applicable rates for water used by such units.

The demand charges shall not apply to relatively uniform quarterly use for refrigeration or air conditioning or to units that have no water connections or are water-conserving units, as defined below.

2.5.3 Definitions

1. WATER COOLED REFRIGERATION AND AIR CONDITIONING shall mean the cooling or dehumidifying, or both, of space for human occupancy through the use of equipment supplied with water from the Milwaukee Water Works system.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

2. WATER COOLED AIR CONDITIONING SYSTEM shall mean an individual unit, group or collection of units, or any combination of equipment which is supplied with water to a single customer or is installed in a single building or structure.
3. INSTALLED CAPACITY shall mean the total number of tons of refrigeration installed in one air conditioning system. One ton of refrigeration, as a measure of capacity, shall be the heat required to melt ice at the rate of one ton in 24 hours. One compressor horsepower shall be considered equivalent to one ton of refrigeration. Where manufacturers' or horsepower ratings of capacity are not available, or a question arises as to the accuracy of any rating, the capacity of said system or equipment shall be determined by the Superintendent of Water Works by whatever means that appears to be suitable.
4. A WATER REGULATING DEVICE shall mean a regulating valve or other device, the purpose of which is to limit the maximum use of water to a predetermined rate.
5. A WATER CONSERVING DEVICE shall mean a cooling tower, evaporative condenser, spray pond, or other equipment by which water is cooled and recirculated, thereby limiting the use of water from the Utility's water system to that amount required for make-up water to replace that lost by evaporation or by flushing of the equipment. A water cooled air conditioning system so equipped is designated herein as a Conserving system, and one which does not include a water conserving device is herein defined as a Non-Conserving system.

2.5.4 Water Service Agreements Required

Water service agreements for all water cooled air conditioning systems installed or altered after February 17, 1958, are required. Also, it is the responsibility of the customer to notify the Utility upon the completion of the installation or alteration before placing the system in operation.

2.5.5 Permitted Water Use

1. Water cooled air conditioning systems having a total rated capacity of more than three tons shall be equipped with water conserving devices or, if not so equipped, shall be assessed an annual air conditioning demand charge. Said water conserving device shall limit the use of water from the Milwaukee Water Works system to a maximum of 0.15 gallons per minute per ton of refrigeration when operating under maximum cooling conditions.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

2. Water cooled air conditioning systems having a total rated capacity of three tons or less shall not be subject to the annual air conditioning demand charge. These systems, however, shall be equipped with the approved automatic water regulating device which will stop the flow of water when the air conditioning equipment is shut down and which will adjust the flow of water to satisfy requirements of the system.
3. At no time shall the use of water from the Milwaukee Water Works system for any non-conserving air conditioning installation, regardless of size, exceed a rate of one and one-half gallons (1½) per minute per ton of refrigeration under maximum cooling conditions. A water-regulating device limiting the use of water to the above maximum rate shall be installed and maintained in good operating condition.

2.5.6 Annual Demand Charge

1. Water cooled air conditioning systems with an installed capacity in excess of three tons, and not equipped with a water conserving device which limits the use of water to 0.15 gallons per minute per ton of refrigeration shall, in addition to the regular charge for water, be assessed an annual demand charge for each ton of capacity in excess of three tons.
2. Any air conditioning system or equipment subject to the demand charge, which is installed and connected to the Milwaukee Water Works system after July 1 of a calendar year, shall be assessed a demand charge for the calendar year in question on a proportional basis as follows:

<i>Installation</i>	<i>Charge</i>
Prior to July 1	Entire annual charge
Between July 1 and July 31	¾ of annual charge
Between Aug. 1 and Aug. 31	½ of annual charge
Between Sept. 1 and Sept. 30	¼ of annual charge
After September 30	No charge

All subsequent years shall be assessed at the full annual charge.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

3. Any air conditioning system or equipment subject to the demand charge which is permanently disconnected from the Milwaukee Water Works system, or which is converted to a water conserving type, shall be assessed a demand charge for the calendar year in which such disconnection or conversion is made on a proportional basis as follows:

<i>Disconnection or Conversion</i>	<i>Charge</i>
Prior to May 1	No charge
Between May 1 and June 30	¼ of annual charge
Between July 1 and July 31	½ of annual charge
Between Aug. 1 and Sept. 30	¾ of annual charge
After September 30	Entire annual charge

Said demand charge shall be based upon the date of the disconnection or conversion.

Disconnection will be recognized by the Utility on written notice from the customer, physical disconnection of the water supply piping by the customer, and tagging with a disconnect tag on the unit by the Utility. Illegal reconnection will be billed for the full amount of the annual charge.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

Chapter 3
Water Service Piping
New Water Service Piping
Section 3.1.0

3.1.1 General

Each customer shall be served through separate water service piping.

Each building shall be served through separate water service piping unless the utility, in its sole discretion, grants permission in unusual circumstances.

3.1.2 Installation

New water service piping shall meet the requirements of the Water Service Piping Specifications. No permit will be issued by the Milwaukee Water Works for the installation of a water supply to any premise which requires tapping of a city water main of greater diameter than 16 inches, unless such city water main has been designated by the Milwaukee Water Works as a distribution main which can be tapped.

Existing Water Service Piping**Section 3.2.0****3.2.1 Use of Existing Water Service Piping for New Customers**

Water can be supplied through existing water service piping, provided such piping conforms to the current specifications for water service piping.

A change of size to existing water service piping shall be made as identified in section 1.3.4 of the Water Service Piping Specifications.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES**

If the water service pipe is within the legally platted lot lines of the property to be served, the water service pipe may be extended using the shortest developed length to the meter setting.

3.2.2 Unused Service Piping

The disposition of unused service piping is to be determined by the Utility. Generally, the following rules will apply:

1. Unused service piping that does not conform to current specifications is to be disconnected by the Utility at the main when opportune.
2. Unused service piping which is judged to need maintenance, repair, replacement, or is more than 75 years old shall be disconnected at the main by the Utility when opportune.
3. Unused service piping which served a demolished building or a moved building shall be capped at the lot line by the customer's plumber.
4. Unused service piping to an existing building to which service has been discontinued is to have the meter inlet valve removed and the service piping capped at the point of entry through the building structure by the customer's plumber.
5. Unused water service piping which serves no useful purpose is to be disconnected at the main by the Utility when opportune.
6. Unused lead service piping shall not be connected or reconnected.

3.2.3 Alterations Due to Change of Ownership

Should a customer contract to sell a part of his property, it will be necessary for each customer owning property following such sale to conform to the requirements of Section 3.1.0, New Water Service Piping.

3.2.4 Alteration During Paving Program

That part of existing water service piping maintained by the Utility (Rule 3.3.1) shall be replaced by the Utility during paving programs when such piping is found to be deteriorated.

RATE FILESheet No. 27 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****3.2.5 Alteration Due to Reconstruction**

When, due to reconstruction work on the customer's property of any variety, it becomes necessary to alter the existing water service piping, the Utility shall survey all of the water service piping serving the customer and determine the extent of alteration work required. Alterations in the service piping will be at the customer's expense. If larger diameter water service piping is required, the customer shall enter into a new service agreement.

Maintenance of Water Service Piping**Section 3.3.0****3.3.1 Maintenance by Utility**

The following described portions of water service piping to customers receiving Urban and Suburban Retail Service, except customers in West Milwaukee, will be maintained and repaired by the Utility at the Utility's expense:

1. Tap water service piping from the main to, but not including, the outlet joint of the curb stop.
2. Branch water service piping from the water main to the face of the curb, or the edge of the pavement in the absence of a curb, or the exterior face of a hollow walk, whichever is closest to the water main. On branch water service piping on a main close to or in back of the curb, maintenance shall include the branch valve and valve box up to, but not including, the joint on the building side of the branch valve. When water mains are installed in easements, the Utility will perform maintenance on branch water service piping within the boundaries of the easement. (See Rule 4.1.3 for maintenance of water meters.)
3. Responsibility for maintenance of water service piping by the Utility begins on the date the inspection agency files a report with the Utility that any particular installation conforms with specifications and continues until such time as the water service piping is disconnected, abandoned, or otherwise taken out of service.

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Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****3.3.2 Maintenance by Customer**

Those portions of water service piping to customers receiving Urban and Suburban Retail Service not maintained by the Utility shall be maintained by the customer at the customer's expense.

3.3.3 Penalty for Failure to Maintain

Refusal or failure of the customer to remedy a defective condition in that portion of the water service piping and/or appurtenances from the points indicated in Rule 3.3.1 at which maintenance by the Utility ceases, within 48 hours after notification by the Utility, shall constitute cause for depriving said premises of water service until full and satisfactory compliance with the notification has been made.

In cases where the customer does not maintain that portion of the water service piping and/or appurtenances for which the customer is responsible and the Utility considers it impractical to deprive the customer of water service, the Utility shall have the necessary maintenance work performed and bill the customer for such work, plus an administrative fee. If the bill is unpaid, it shall be placed on the tax roll at the designated time.

3.3.4 Frozen Water Service Piping

Frozen services shall be thawed by and at the entire expense of the Utility, except where the customer has been notified of a need for corrective measures. Corrective measures would be needed when freezing is caused by contributory fault or negligence on the part of the customer, such as reduction of ground cover over the piping, or undue exposure to freezing of the piping in the building or on the customer's property, or failure to comply with Water Service Piping Specifications and requirements as to depth of service, sufficient backfill, or any other factors that would contribute to freezing.

RATE FILESheet No. 29 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****Chapter 4
Water Meters****Water Meters****Section 4.1.0****4.1.1 Definition**

A water meter is an instrument installed by the Utility or its agent to measure the volume and/or rate of flow of water at the customer's premises.

4.1.2 Meter Settings

The customer shall furnish and install meter settings of the type shown in Water Service Piping Specifications. Settings shall be complete except for meters.

Whenever a meter is to be relocated or replaced by one of a different size or type, the customer shall have the meter setting and/or water service piping altered by a plumber to conform to the Water Service Piping Specifications. (See Rule 1.2.12)

Where standard settings are impractical, special installations may be made with the written approval of the Utility.

4.1.3 Meter Maintenance

The Utility or its agent will furnish, test, install, remove, and replace all water meters for all varieties of service to the customer. Customers' submeters will not be furnished or recognized by the Utility. Customers shall not remove meters for any reason without the express approval of the Utility.

All water meters and automated reading devices connected to the Milwaukee Water Works system will be maintained by the Utility without cost to the customer. Meters and automated reading devices damaged by freezing, hot water, water hammer, physical damage, or vandalism shall be repaired by the Utility at the customer's expense.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****4.1.4 Remote Reading Device**

The Utility utilizes current technology to obtain meter readings and will install an automated meter reading (AMR) device at each meter as determined appropriate by the Utility. The Utility will maintain the AMR device at no cost to the customer, which may require access to the meter area in accordance with Rules 1.2.2, 1.2.3, and 1.2.4.

4.1.5 Test of Meter in Service

The Utility or its agent may, on its own initiative, test the accuracy of any water meter in service. There will be no charge for a test so made.

Customers may have water meters tested upon filing a written request with the Utility and agreeing to pay for the test. The charge for a test will be as provided in the Wis. Admin. Code § PSC 185.77-78. There will be no charge for the test if the meter registers outside the tolerance limits of accuracy prescribed.

If the meter fails to meet the accuracy test prescribed, a credit for over-registration or a charge for under-registration shall be entered on the next quarterly bill following the test for the period of inaccuracy, in accordance with the adjustment formula identified in the Wis. Admin. Code § PSC 185.35. Such a credit or charge will be made regardless of whether the test was made upon request of the customer or upon initiative of the utility.

4.1.6 Meter Accuracy Test Results

A meter shall be considered accurate when the registration on the meter dial indicates a quantity of water recorded to be within the tolerance limit prescribed in Wis. Admin. Code § PSC 185.65 and at any rate of flow within the limits specified in the following table under "Normal Test Flow Limits." The recorded flow accuracy Minimum Test shall also be in accordance with Wis. Admin. Code § PSC 185.65.

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Milwaukee Water Works

WATER UTILITY OPERATING RULES

Meter Size (inches)	Min. Test Flow (gpm)	Normal Test Flow Limits (gpm)
------------------------	-------------------------	----------------------------------

Positive Displacement Meters

5/8	1/4	1-20
3/4	1/2	2-30
1	3/4	3-50
1 1/2	1 1/2	5-100
2	2	8-160

Compound Meters

2	1/2	2-160
3	1	4-320
4	1 1/2	6-500
6	3	10-1,000
8	4	16-1,600
10	8	32-2,300
12	14	32-3,100

Turbine Meters

2	10	16-160
3	15	24-350
4	20	40-600
6	30	80-1,400
8	50	144-2,500
10	75	224-3,800
12	100	320-5,800
16	150	400-11,500

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILE

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Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****4.1.7 Time of Meter Test**

Meters will be tested during the regular business hours of the Utility. If the customer has not provided the test and bypass connections prescribed in the Water Service Piping Specifications, or expresses unwillingness to permit an interruption in water service during regular business hours for the purpose of testing a meter, the customer shall provide test and bypass connections within six months of receiving a written notice from the Utility.

4.1.8 Sizes

The size of water meters shall be determined in accordance with the Size of Water Service Piping found in section 1.3.0 of the Water Service Piping Specifications. If the number of plumbing fixtures and the estimated flow requires a meter of a different size from the one installed, the customer will be required to change the meter setting at the customer's expense, and the Utility will install an appropriately sized meter.

4.1.9 Meter Location

The meter shall be installed above the basement or ground floor of the building in accordance with the Water Service Piping Specifications. The meter shall be located near an outside wall of the building. If fixtures or appurtenances for the withdrawal of water are installed in open grounds free from buildings or structures, the meter shall be installed in a well or pit as prescribed in the Water Service Piping Specifications. Unusual circumstances may also require the meter to be installed in a well or pit at the discretion of the Utility.

4.1.10 Prohibited Meter Locations

1. Inaccessible or Hazardous Locations - No connection for water meters shall be installed in any location not easily accessible, or in one which is or may be unclean, or in any manner hazardous to employees of the Utility in the discharge of their duties.
2. Under Plumbing Fixtures - Water meter connections shall not be installed below plumbing fixtures, nor shall any water meter connections be installed in any toilet room.
3. Platforms or Show Windows - Water meters shall not be installed below stairways, landings, show windows, or other platforms unless there is a minimum of 84" floor to ceiling clearance and convenient access to the meter.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 33 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****4.1.11 Authority to Remove and Replace Meters**

The Utility shall have the authority to remove or replace all water meters or to determine the suitability of a water meter to properly register the usage of water. A penalty in accordance with City Ordinance Section 97-3 will be imposed for tampering with any water measuring device and/or the illegal use of water.

4.1.12 Missing Meters

In the event a Utility owned meter is not in place on arrival of Utility personnel or is not made available to the Utility, the customer will be charged with the depreciated value of the Utility owned meter, and this charge, if not paid, shall become a lien upon the property. A penalty as identified in Rule 4.1.11 may also apply.

4.1.13 Meters - Terminating Service Agreement

Upon notification to the Utility by the customer that service is to be discontinued on a stated date, the Utility will remove the meter from its setting and take custody of the meter.

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****Chapter 5
Billing and Collection****Billing and Collection****Section 5.1.0****5.1.1 Reference**

Section 5.1.0 refers to all types of water service:

Urban and Suburban Retail Service - General
 Urban and Suburban Retail Service - Miscellaneous
 Suburban Resale and County Service
 Private Fire Protection Service

5.1.2 Water Bills

Each customer receiving water service will be issued a water bill in accordance with a schedule of rates authorized by the Public Service Commission of Wisconsin. In the event water service piping has been extended to serve more than one building or premise, the Utility considers as its customer only that building or premise in which the water meter was originally set by the Utility.

5.1.3 Payment of Water Bills

Water bills will be issued according to a schedule determined by the Utility and shall be due as indicated on the water bill, in accordance with Wis. Admin. Code § PSC 185.33.

5.1.4 Delivery of Bills

Unless otherwise requested, all water bills and notices relative to water bills will be addressed and mailed or delivered to the customer at the address served.

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Milwaukee Water Works

WATER UTILITY OPERATING RULES

Upon request of the customer, water bills will be mailed to a requested address. The customer must assume the responsibility of notifying the Utility of any change of address or responsibility for payment. Failure to comply with the provisions of this section or failure to pay when due will constitute cause for the withdrawal of such direct billing service.

Every reasonable care will be exercised in the proper delivery or mailing of water bills. However, failure to receive a water bill will not relieve any customer of the responsibility for the payment of the bill within the prescribed period, nor exempt any customer from any late payment charge imposed for delinquency in the payment thereof.

5.1.5 Meter Reading Periods

Water meters will be read as regularly as possible at the intervals herein set forth for the various types of service:

<i>Types of Service</i>	<i>Reading Intervals</i>
Construction or Special Service	Weekly
Large Consumption	Biweekly or Monthly
Ordinary Consumption	Quarterly

When deemed advisable by the Utility, the reading of any meter or meters may be made at more or less frequent intervals as may be authorized by law.

When access to a property cannot be made at the scheduled reading time, a postage-paid dial card will be left to be marked by the owner or occupant, and a reading so obtained will be used for billing purposes. In the event no reading is obtained, an estimated bill will be issued. For those meters equipped with an AMR device, a dial card will not be left at the premises when a reading is not obtained.

5.1.6 Adjustments to Water Bills

A billing adjustment may be made where the amount of water used in any one billing period is obviously excessive, and it is determined that the excessive water use was due to a leak in the customer's building piping which has since been repaired. In this case, the customer may request an adjustment of the bill, and if it is determined by the Utility that the leak was undetected, the billing may be adjusted as follows:

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

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Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES**

The billing will be adjusted for one billing period only. The billing will be based on the average amount of water used during similar periods in the two immediately preceding years. The billing will be computed in the usual manner for the average amount as determined above, and all water used in excess of the average amount will be charged at the lowest step rate.

Water bills will not be adjusted for water wasted by the customer.

5.1.7 Service Charge in Effect

The service charge will be in effect for any account when water service is turned on for regular use and will remain in effect until the water has been turned off by the Utility at the curb stop. There will be no proration of the service charge during a billing period.

5.1.8 Charge for Water When Accurate Water Consumption Data is Unavailable

The Utility shall have the right to determine the charge, based on an estimate of water used, in any period where no actual meter registration of the consumption exists; or where the meter registration is inaccurate; or where no meter reading has been obtained due to a meter reader's inability to enter the premises or the failure of the AMR device to respond; or because of the non-receipt of a properly marked dial card.

5.1.9 Late Payment Charge

To all water bills, including Private Fire Protection bills, remaining unpaid 20 days after they are issued, there shall be added a late charge of 5 percent of the amount due. If said water bills remain unpaid for a further period of ten days, the account shall be considered to be delinquent and the water supply may be turned off. Prior to turning off the water supply, a written notice will be issued at least 10 calendar days before such turn off, stating the delinquent amounts, the place of payment, and the action to be taken. When the water supply has been turned off, it will not be turned on until all delinquent amounts and an additional charge, as provided for in Wis. Stat. § 66.071(1)(d), for turning water off and on shall have been paid. Residential water service will be restored if the customer establishes a deferred payment agreement for payment of the delinquent charges pursuant to Wis. Admin. Code § PSC 185.38. If payment of said delinquent water bills is made to the Utility representative sent to the premises for the purpose of turning off the water supply before the water supply is turned off, the same additional charge will apply.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

RATE FILESheet No. 37 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****5.1.10 Combining Metered Consumption**

In order to give the customer the economy of volume use under a block rate schedule, metered consumption for billing purposes may be combined only where two or more metered services supply a single premise and where the water through all such services is to be billed to a single customer.

Metered consumption may also be combined for billing purposes where two or more metered services supply contiguous and adjoining premises under single ownership or lease, and where the average quarterly consumption is over 500,000 cubic feet. For purposes of this Rule, "contiguous and adjoining" shall mean within an area bounded by public streets, not considering alleys as public streets.

All metered consumption for an account under the Suburban Resale and County Service Rate having two or more metered services will be combined, including the demand registration for extra capacity charges.

When metered registration is combined for billing purposes and the applicable rate includes a service charge, the full service charge for each meter shall be billed.

Resale of Water**Section 5.2.0**

Resale of water by a customer of the Milwaukee Water Works is defined as the furnishing of water service to a third person or persons where the service so furnished is separately charged, in whole or in part, either on the basis of submetering or any other measure of the quantity or value of water used. Resale in this manner must be at rates that are not higher than the currently filed rates of the Milwaukee Water Works for comparable service. All other resale of water, except a water public utility purchasing water for resale, or the Milwaukee Board of Harbor Commissioners that resells water service under Wis. Stat. § 930.38, is prohibited except as hereinafter provided. Rent inclusion, defined as the furnishing of water service as an incident of tenancy without a specific charge, is not considered resale of water.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****5.2.1 Limited Exclusions**

Customers who owned and operated facilities for furnishing of water service to their tenants or lessee and were engaged in resale at any location prior to September 15, 1964, may continue such resale but only at that location.

Customers who planned to install distribution facilities required for resale may engage in such practice if the building permit was issued prior to September 10, 1964.

Customers who are permitted to engage in resale of water in accordance with these rules shall charge rates which are not higher than currently filed rates of the Milwaukee Water Works for comparable service to the ultimate user, except that where air conditioning is installed, there may be a charge for each ton of non-conservant water-cooled air conditioning, but not greater than the Milwaukee Water Works demand charge applicable to such air conditioning.

5.2.2 Requirements

Distribution facilities used for resale shall be subject to the following requirements:

1. They shall be provided by the customer and maintained so that their operation will not violate applicable rules of the Milwaukee Water Works and health regulations of the City and the State of Wisconsin.
2. They shall not be extended to serve additional resale customers without the written consent of the Milwaukee Water Works, and such consent shall be given only where the rendering of service directly by the water utility would be impractical.
3. The customer shall provide the submeters and maintain their accuracy within the limits prescribed by the Public Service Commission of Wisconsin.
4. If the practice of resale at any location is discontinued, the Milwaukee Water Works will not again furnish service for that purpose at that location.

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Milwaukee Water Works**WATER UTILITY OPERATING RULES****Disconnection and Refusal of Service****Section 5.3.0**

Service may be disconnected or refused for any of the following reasons:

1. Failure to pay a delinquent account or failure to comply with the terms of a Deferred Payment Agreement.
2. Violation of the Utility's Rules and Regulations pertaining to the use of service in a manner which interferes with the service of others or to the operation of nonstandard equipment, if the customer has first been notified and provided with reasonable opportunity to remedy the situation.
3. Failure to comply with deposit or guarantee arrangement as provided for in Wis. Admin. Code §§ PSC 185.36 and PSC 185.361.
4. Diversion of service around the meter.
5. Failure to provide access for meter reading or meter replacement in accordance with Public Service Commission regulations.

5.3.1 Disconnection for Delinquent Accounts

A bill for service is delinquent in accordance with Section 5.1.9. The Utility may disconnect service for a delinquent bill by giving the customer, at least 10 calendar days prior to disconnection, a written disconnect notice which may be included with the bill for service.

The Utility may disconnect without notice where a dangerous condition exists for as long as the condition exists. Service may be denied to any customer for failure to comply with the applicable requirements of the rules and regulations of the Public Service Commission or of these Rules and Regulations, or if a dangerous or unsafe condition exists on the customer's premises.

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES**

The Utility shall notify the appropriate county Department of Health and Social Services at least five calendar days prior to any scheduled disconnection of residential service if the customer or responsible person has made a written request for this procedure. If service to a residential customer which has been disconnected has not been restored within 24 hours after disconnection, the Utility may notify the Local Law Enforcement Department of the billing name and service address and that a threat to health and life might exist to persons occupying the premises.

5.3.2 Deferred Payment Agreement

The Utility shall offer Deferred Payment Agreements to residential customers. The Deferred Payment Agreement shall provide that service will not be discontinued for the outstanding bill if the customer pays a reasonable amount of the outstanding bill and agrees to pay a reasonable portion of the remaining outstanding balance in installments until the bill is paid. In addition, the current water bills must be paid when due. In determining what amounts are "reasonable," the parties shall consider:

1. Size of the delinquent account.
2. Customer's ability to pay.
3. Customer's payment history.
4. Time that the debt has been outstanding.
5. Reasons why the debt has been outstanding.
6. Any other relevant factors concerning the circumstances of the customer.

In the Deferred Payment Agreement it shall state, immediately preceding the space provided for the customer's signature and in bold face print at least two sizes larger than any other used thereon, the following:

If you are not satisfied with this agreement, do not sign. If you do sign this agreement, you give up your right to dispute the amount due under the agreement except for the Utility's failure or refusal to follow the terms of this agreement.

A Deferred Payment Agreement shall not include a finance charge.

If an applicant for service has not fulfilled the terms of a Deferred Payment Agreement, the Utility shall have the right to disconnect service or refuse service in accordance with these Rules, and under such circumstances, it shall not be required to offer subsequent negotiation of a Deferred Payment Agreement prior to disconnection.

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Schedule No. X-1

Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES**

Any payments made by the customer when establishing a deferred payment agreement shall first be considered made in payment of the previous account balance. Future payments include the amount of the current bill and an installment toward the arrears.

5.3.3 Dispute Procedures

Whenever the customer advises the Utility's designated office prior to the disconnection of service that all or part of any billing as rendered is in dispute, or that any matter related to the disconnection is in dispute, the Utility shall investigate the dispute promptly and completely, advise the customer of the results of the investigation, attempt to resolve the dispute, and provide the opportunity for the customer to enter into a Deferred Payment Agreement when applicable in order to settle the dispute.

After the customer has pursued the available remedies with the Utility, the customer may request that the Public Service Commission's staff informally review the disputed issue and recommend terms of settlement.

Any party to the dispute after informal review may make a written request for a formal review by the Commission. If the Commission decides to conduct a formal hearing on the dispute, the Commission may condition the terms of its granting a formal hearing. Failure to meet these conditions before hearing shall constitute waiver of the dispute by the customer. Service shall not be disconnected because of any disputed matter while the disputed matter is being pursued under the dispute procedure. In no way does this relieve the customer of the obligation of paying charges that are not in dispute.

Agents**Section 5.4.0**

The Milwaukee Water Works does not authorize anyone to act as its agent in the collection of water service bills. Person or persons acting as agents in the payment of water bills are acting as agents of the customer. Customers' agents should remit payments promptly to the utility.

No water service bill is deemed to have been paid until the remittance is actually received by the Utility. Failure to remit to the Utility on or before the due date will subject the individual accounts to the same penalties indicated in Section 5.1.9.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

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Public Service Commission of Wisconsin

Amendment No. 117

Milwaukee Water Works**WATER UTILITY OPERATING RULES****Chapter 6
Water Mains****Water Mains****Section 6.1.0****6.1.1 Request for Water Mains**

Written applications from potential customers for the installation of water mains will be accepted. If granted, the installation of the water main applied for will be in accordance with the then current policy. The Utility may also install water mains on its own initiative as deemed advisable.

6.1.2 Assessment

Water mains completed in the City of Milwaukee will be assessed at the urban assessment rate in accordance with the then current policy. Assessments are made for only one main in any street to which water service piping can be connected.

6.1.3 Connection Charge - Urban

Water mains in the City of Milwaukee completed in years previous to the assessment year and on which assessments have not been paid are subject to a connection charge before a service agreement will be entered into with an urban customer. The connection charge is to be computed for the entire frontage at the urban assessment rate in effect at the time of application for water service.

6.1.4 Connection Charge - Suburban

Water mains in the suburban retail service areas are subject to a connection charge before a service agreement will be entered into with a suburban customer. The connection charge is to be computed for the entire frontage at the suburban assessment rate in effect at the time of application for water service.

EFFECTIVE: =TBD=
PSCW AUTHORIZATION: 3720-WR-109

Attachment: Exhibit A: MWW 3.2.23 Final Rate Decision (8396 : 2023 PWAC)

RATE FILESheet No. 43 of 43Schedule No. X-1**Public Service Commission of Wisconsin**Amendment No. 117**Milwaukee Water Works****WATER UTILITY OPERATING RULES****6.1.5 Connection Charges - Multiple Mains**

The connection charge for the first water service connection will be computed for the entire frontage of the customer's property. Additional water service piping connections can be made in the same street to the same main without paying additional connection charges. Additional water service piping connections can be made to mains in adjacent streets after payment of a connection charge computed on the same basis as assessments but at the current rate.

6.1.6 Maintenance by Utility

Water mains in the Urban and Suburban Retail Service Districts (except West Milwaukee) will be maintained by the Utility.

Restoration of Service - Public Right-of-Way**Section 6.2.0****6.2.1 Maintenance by Utility - In the Urban and Suburban Retail Service Area**

Maintenance work performed by the Utility in the public right-of-way includes the restoration of surfaces (including paving, walks, lawn, or other variety of surfaces) damaged by the failure or repair of Utility structures. Temporary road repairs will be performed and maintained by the Utility until such time that a permanent repair is made. Pavement and walk repairs in the public right-of-way are to be made by the Public Works Department of the respective communities and billed to the Milwaukee Water Works. Salting, sanding, and the removal of ice formed from water which escaped from a Utility structure is to be performed by the Public Works Department of the respective communities and billed to the Milwaukee Water Works. All other surface restoration work in the public right-of-way is to be performed by the Utility.

Customer Water Bill Comparison at Current and Authorized Rates

Retail - Urban			Bill with Public Fire Protection				
Customer Class	Meter Size (Inches)	Billed Volume	Bill at Old Rates	Bill at New Rates	Dollar Change	Percentage Change	Fixed as % of New Bill
Residential	5/8	9	\$47.31	\$51.48	\$4.17	8.81%	56.99%
Residential	5/8	20	\$70.85	\$78.54	\$7.69	10.85%	37.36%
Residential	5/8	60	\$156.45	\$176.94	\$20.49	13.10%	16.58%
Residential	3/4	150	\$349.05	\$398.34	\$49.29	14.12%	7.37%
Multi-Family	5/8	50	\$135.05	\$152.34	\$17.29	12.80%	19.26%
Multi-Family	1	104	\$276.83	\$310.80	\$33.97	12.27%	17.68%
Multi-Family	3	600	\$1,558.94	\$1,747.55	\$188.61	12.10%	15.54%
Multi-Family	4	5,000	\$11,139.62	\$12,731.08	\$1,591.46	14.29%	3.39%
Commercial	3/4	50	\$136.55	\$170.34	\$33.79	24.75%	17.22%
Commercial	1	121	\$316.84	\$396.18	\$79.34	25.04%	13.87%
Commercial	4	3,000	\$6,949.62	\$8,891.08	\$1,941.46	27.94%	4.85%
Commercial	2	10,000	\$18,006.59	\$23,356.35	\$5,349.76	29.71%	0.67%
Industrial	3/4	500	\$1,113.05	\$1,439.34	\$326.29	29.31%	2.04%
Industrial	1 1/2	684	\$1,584.33	\$2,029.10	\$444.77	28.07%	4.94%
Industrial	6	15,000	\$25,685.97	\$33,112.26	\$7,426.29	28.91%	2.45%
Industrial	10	70,000	\$96,787.59	\$125,269.99	\$28,482.40	29.43%	1.49%
Public Authority	3/4	300	\$679.05	\$875.34	\$196.29	28.91%	3.35%
Public Authority	1	600	\$1,356.27	\$1,746.96	\$390.69	28.81%	3.15%
Public Authority	10	15,000	\$26,787.59	\$34,169.99	\$7,382.40	27.56%	5.47%
Public Authority	6	65,000	\$89,385.97	\$116,012.26	\$26,626.29	29.79%	0.70%

Customer Water Bill Comparison at Current and Authorized Rates

Retail - Suburban			Bill with Public Fire Protection				
Customer Type	Meter Size (Inches)	Volume CCF	Bill at Old Rates	Bill at New Rates	Dollar Change	Percentage Change	Fixed as % of New Bill
Residential	5/8	10	\$61.87	\$67.48	\$5.61	9.07%	54.36%
Residential	5/8	18	\$83.31	\$92.12	\$8.81	10.57%	39.82%
Residential	3/4	50	\$169.07	\$190.68	\$21.61	12.78%	19.24%
Residential	1	90	\$309.06	\$345.91	\$36.85	11.92%	19.86%
Multi-Family	3/4	100	\$303.07	\$344.68	\$41.61	13.73%	10.64%
Multi-Family	1 1/2	188	\$628.88	\$704.32	\$75.44	12.00%	17.79%
Multi-Family	2	300	\$999.74	\$1,119.44	\$119.70	11.97%	17.46%
Multi-Family	6	500	\$2,384.97	\$2,555.33	\$170.36	7.14%	39.73%
Commercial	5/8	50	\$171.07	\$213.18	\$42.11	24.62%	17.21%
Commercial	1	103	\$348.02	\$432.30	\$84.28	24.22%	15.89%
Commercial	1 1/2	3,000	\$8,285.04	\$10,715.28	\$2,430.24	29.33%	1.17%
Commercial	8	5,000	\$15,236.95	\$19,234.08	\$3,997.13	26.23%	8.24%
Industrial	1	200	\$611.86	\$774.71	\$162.85	26.62%	8.87%
Industrial	1 1/2	101	\$399.76	\$481.81	\$82.05	20.52%	26.00%
Industrial	2	5,000	\$13,795.74	\$17,845.44	\$4,049.70	29.35%	1.10%
Industrial	4	15,000	\$31,649.53	\$40,988.86	\$9,339.33	29.51%	1.31%
Public Authority	2	100	\$467.74	\$548.44	\$80.70	17.25%	35.64%
Public Authority	2	344	\$1,131.42	\$1,409.76	\$278.34	24.60%	13.86%
Public Authority	4	750	\$2,589.53	\$3,186.36	\$596.83	23.05%	16.91%
Public Authority	6	1,000	\$3,764.97	\$4,545.33	\$780.36	20.73%	22.34%

Customer Water Bill Comparison at Current and Authorized Rates

Retail - West Milwaukee			Bill with Public Fire Protection				
Customer Type	Meter Size (Inches)	Volume CCF	Bill at Old Rates	Bill at New Rates	Dollar Change	Percentage Change	Fixed as % of New Bill
Residential	5/8	10	\$44.65	\$51.82	\$7.17	16.06%	67.00%
Residential	5/8	22	\$59.41	\$72.34	\$12.93	21.76%	48.00%
Residential	3/4	50	\$93.85	\$120.22	\$26.37	28.10%	28.88%
Residential	3/4	90	\$143.05	\$188.62	\$45.57	31.86%	18.41%
Multi-Family	5/8	50	\$93.85	\$120.22	\$26.37	28.10%	28.88%
Multi-Family	3/4	110	\$167.25	\$219.62	\$52.37	31.31%	15.81%
Multi-Family	1	200	\$303.08	\$373.80	\$70.72	23.33%	17.07%
Multi-Family	1 1/2	500	\$710.50	\$842.48	\$131.98	18.58%	13.71%
Commercial	5/8	75	\$124.60	\$162.97	\$38.37	30.79%	21.30%
Commercial	5/8	121	\$180.34	\$234.91	\$54.57	30.26%	14.78%
Commercial	1	1,000	\$1,255.08	\$1,485.80	\$230.72	18.38%	4.29%
Commercial	2	4,000	\$4,938.08	\$5,771.75	\$833.67	16.88%	3.11%
Industrial	5/8	500	\$631.35	\$761.72	\$130.37	20.65%	4.56%
Industrial	3/4	1,840	\$2,225.95	\$2,624.32	\$398.37	17.90%	1.32%
Industrial	4	8,000	\$9,675.81	\$11,521.86	\$1,846.05	19.08%	4.25%
Industrial	6	25,000	\$28,163.54	\$34,749.34	\$6,585.80	23.38%	2.64%

**Milwaukee Water Works
3720-WR-109
Schedule of Water Depreciation Rates
Effective January 1, 2022**

Account Number	Account Title	Depreciation Rate
	SOURCE OF SUPPLY PLANT	
313	Lake, River and Other Intakes	1.70%
316	Supply Mains	1.80%
	PUMPING PLANT	
321	Structures and Improvements	3.20%
325	Electric Pumping Equipment	4.40%
	WATER TREATMENT PLANT	
331	Structures and Improvements	3.20%
332	Sand and Other Media Filtration Equipment	3.30%
334	Other Water Treatment Equipment	6.00%
	TRANSMISSION AND DISTRIBUTION PLANT	
341	Structures and Improvements	3.20%
342	Distribution Reservoirs and Standpipes	1.90%
343	Transmission and Distribution Mains	1.30%
345	Services	2.90%
346	Meters	5.50%
348	Hydrants	2.20%
	GENERAL PLANT	
390	Structures and Improvements	2.90%
391	Office Furniture and Equipment	5.80%
391.1	Computer Equipment	26.70%
392	Transportation Equipment	13.30%
393	Stores Equipment	5.80%
394	Tools, Shop and Garage Equipment	5.80%
395	Laboratory Equipment	5.80%
396	Power Operated Equipment	7.50%
397	Communication Equipment	15.00%
397.1	SCADA Equipment	9.20%
398	Miscellaneous Equipment	5.80%