

**Gardiner Water District
PUBLIC FIRE PROTECTION CALCULATION**

**APPLICATION OF CHAPTER 69
DETERMINATION OF FIRE PROTECTION REVENUE
(PUC DOCKET 87-5)**

No. of Customers: 3,493
 POPULATION SERVED: 8,733 X= 8.7325

REQUIRED FIRE FLOW FORMULA:

$$1020 * \text{Sq. Rt. X} \quad \text{times} \quad (1-0.01 \text{ Sq. Rt. X}) = \text{GPM}$$

$$1,020 * 8.7325 \quad \text{times} \quad 1-0.01 * 8.7325$$

$$1,020 * \frac{\text{SQ. RT.}}{2.955080371} \quad \text{X} \quad 1-0.01 * \frac{\text{SQ. RT.}}{2.95508}$$

$$3014.18 \quad \text{X} \quad 0.970449196 = \text{GALLONS PER MINUTE} \quad 2925 \text{ GPM}$$

PEAK FLOW

AVERAGE DAILY FLOW EQUALS $\frac{\text{GALLONS PER YEAR}}{365 \text{ DAYS X } 24 \text{ HRS X } 60 \text{ MIN.}}$ X 2-1/2

TOTAL FOR TOWN $\frac{311,812,000}{525,600} = 593.25 \text{ X } 2-1/2 = 1483.124 \text{ GPM}$

RATIO

TOTAL FOR TOWN $\frac{1483.124049}{2925} = 0.5070318 \text{ TO BE APPLIED TO CHART} = 33\% +$

TOTAL PERCENTAGE CHARGE LIMITED TO 30% PER CHAPTER 69.

Gardiner Water District BALANCE SHEET

	ASSETS	2018	2017	2016
	UTILITY PLANT			
101-105	Utility plant	\$16,070,276	\$16,051,991	\$15,658,875
108-110	Less accumulated depreciation	<u>\$7,010,949</u>	<u>\$6,733,417</u>	<u>\$6,482,373</u>
	Net Plant	<u>\$9,059,327</u>	<u>\$9,318,574</u>	<u>\$9,176,502</u>
	OTHER PROPERTY AND INVESTMENTS			
121	Nonutility Property	\$0	\$0	\$0
122	Less: Accumulated Depreciation and Amortization	\$0	\$0	\$0
125	Other Investments	\$0	\$0	\$0
127	Other Special Funds	\$0	\$0	\$0
	Total Other Property and Investments	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
	CURRENT AND ACCRUED ASSETS:			
131	Cash	\$461,698	\$596,704	\$843,326
132	Special Deposits	\$0	\$0	\$0
134	Working Funds	\$0	\$0	\$0
141-144	Accounts and Notes Receivable, Less Uncollectible Accounts	\$103,034	\$99,573	\$94,324
151	Materials and Supplies	\$23,103	\$23,363	\$21,714
162	Prepayments	\$12,395	\$25,776	\$11,841
174	Misc. Current and Accrued Assets	\$0	\$0	\$0
	Total Current and Accrued Assets	<u>\$600,230</u>	<u>\$745,416</u>	<u>\$971,205</u>
181-190	DEFERRED DEBITS	\$319,896	\$0	\$0
	TOTAL ASSETS AND OTHER DEBITS	<u>\$9,979,453</u>	<u>\$10,063,990</u>	<u>\$10,147,707</u>
	LIABILITIES & EQUITY			
	EQUITY CAPITAL			
211	Other Paid-In Capital	\$0	\$0	\$0
214	Appropriated Retained Earnings	\$8,377,228	\$7,952,690	\$7,533,303
215	Unappropriated Retained Earnings	<u>-\$1,608,032</u>	<u>-\$1,560,409</u>	<u>-\$1,493,834</u>
		<u>\$6,769,196</u>	<u>\$6,392,281</u>	<u>\$6,039,469</u>
	LONG TERM DEBT			
221	Bonds	\$2,114,997	\$2,539,535	\$2,959,222
224	Other Long-Term Debt	\$0	\$0	\$0
	Total Long Term Debt	<u>\$2,114,997</u>	<u>\$2,539,535</u>	<u>\$2,959,222</u>
	CURRENT AND ACCRUED LIABILITIES			
231	Accounts Payable	\$9,016	\$25,546	\$13,772
232	Notes Payable	\$11,650	\$23,061	\$39,254
233	Accounts Payable to Associated Companies	\$0	\$0	\$0
235	Customer Deposits	\$0	\$0	\$0
237	Accrued interest	\$6,125	\$9,271	\$12,741
241	Misc Current and Accrued Liabilities	\$96,400	\$93,580	\$92,090
	Total Current and Accrued Liabilities	<u>\$123,191</u>	<u>\$151,458</u>	<u>\$157,857</u>
251	Unamortized Premium on Debt	\$8,023	\$21,298	\$29,577
253	Other Deferred Credits	\$0	\$0	\$0
	Total Deferred Credits	<u>\$8,023</u>	<u>\$21,298</u>	<u>\$29,577</u>
261-265	OPERATING RESERVES	<u>\$189,496</u>	<u>\$174,496</u>	<u>\$159,496</u>
	CONTRIBUTION IN AID OF CONSTRUCTION			
271	Contributions in Aid of Construction	\$1,526,748	\$1,520,251	\$1,520,539
272	Accumulated Amortization of CIAC	<u>\$752,198</u>	<u>\$735,329</u>	<u>\$718,453</u>
	Total Net CIAC	<u>\$774,550</u>	<u>\$784,922</u>	<u>\$802,086</u>
	TOTAL EQUITY CAPITAL AND LIABILITIES	<u>\$9,979,453</u>	<u>\$10,063,990</u>	<u>\$10,147,707</u>

APPENDIX

GARDINER WATER DISTRICT

**PROPOSED SCHEDULE
DRAFT CUSTOMER NOTICE
TARIFF SHEETS NOS. 1, 2 and 3**

GARDINER WATER DISTRICT

RATE FILING

PROPOSED SCHEDULE FOR RATE FILING

	<u>On or before:</u>
Submit rate case information package to: Public Utilities Commission Public Advocate	June 5, 2020
	<u>No later than:</u>
Send notices to all customers and Publish the legal notice	June 22, 2020
Hold public hearing and District Meeting	July 8, 2020
File final rate case documents	August 31, 2020
Proposed Effective date	October 1, 2020

Gardiner Water District Legal Notice

The Gardiner Water District gives notice to the public that on **July 8, 2020 at 5:00 p.m.**, a virtual public hearing will be held to discuss and hear comments on a proposed water rate increase. To gain access to the public hearing, you may either join by phone or via an online Zoom Meeting:

By Phone: (646)-558-8656

Zoom Meeting Link:

<https://us02web.zoom.us/j/81910063856?pwd=MjdvTXpUVmZSL1g4dkpSTW5vZXFSUT09.>

Meeting ID: 819 1006 3856

Password: 037883

This information can also be found on the District's website, www.gardinerwaterdistrict.com as well as the City of Gardiner's website, www.gardinermaine.com.

	Effective on October 1, 2020	
	<u>% Increase</u>	<u>\$ Increase</u>
Residential Customers	2.52%	\$ 22,749
Commercial Customers	2.52%	\$ 3,136
Industrial Customers	2.52%	\$ 17
Governmental Customers	2.52%	\$ 624
Private Fire Protection	2.52%	\$ 2,379
Public Fire Protection	<u>2.52%</u>	<u>\$ 12,563</u>
Overall Increase	2.52%	\$ 41,468

Public Fire protection rates are determined pursuant to Chapter 69 of the Public Utilities Commission Rules. Since the last rate increase of 2018, operating and maintenance costs have continued to increase, and the District will be increasing debt by borrowing to cover a new project for bridge connections as part of a Department of Transportation (DOT) project and for the Hallowell Gardiner joint well project. Rates are to become effective on October 1, 2020.

Pursuant to 35-A MRSA Section (6104-A), a customer has the right to request additional information relating to the present and proposed rates from the District, the right to an open and fair hearing, and the right to assistance from the Public Advocate.

A copy of material supporting the proposed rate changes will be available at the Gardiner Water District for inspection on and after **June 5, 2020**. If you have any questions or desire additional information, you may call Paul Gray, Superintendent, Gardiner Water District, at (207)-582-5500, or the Administrative Director of the PUC at (207)-287-3831. For additional assistance, contact the Public Advocate, State House Station #112, Augusta, ME 04333-0112, (207)-624-3687.

Gardiner Water District
Board of Trustees

Gardiner Water District

SHEET #1
SIXTH REVISION

SCHEDULE OF METERED RATES

This rate is available to all residential, commercial, industrial and governmental customers not covered by any other special rates in this schedule.

Quarterly Billing

For the First 1,200 Cubic Feet or less	\$ 58.08
For the Next 4,800 Cubic Feet per quarter	\$ 3.15 per 100 cu. ft.
In excess of 6,000 Cubic Feet per quarter	\$ 1.74 per 100 cu. ft.

If billed monthly, consumption steps and the Minimum Charge will be one-third of the quarterly charges.

Minimum Charge

The minimum for different sizes of meters will be billed on a quarterly basis in accordance with the District's billing procedure and these minimums will apply:

<u>SIZE OF METER</u>	<u>Quarterly</u>		<u>Monthly</u>	
	<u>Allowance</u>	<u>Charge</u>	<u>Allowance</u>	<u>Charge</u>
5/8"	1,200	\$ 58.08	400	\$ 19.36
3/4"	1,800	\$ 76.98	600	\$ 25.66
1"	3,000	\$ 114.78	1,000	\$ 38.26
1-1/2"	6,000	\$ 209.28	2,000	\$ 69.76
2"	9,000	\$ 261.48	3,000	\$ 87.16
3"	18,000	\$ 418.08	6,000	\$ 139.36
4"	30,000	\$ 626.88	10,000	\$ 208.96
6"	60,000	\$ 1,148.88	20,000	\$ 382.96

Terms of Payment

Bills under this rate are net and will be due and payable upon presentation. Whether bills are rendered monthly or quarterly will be at the option of the District.

Issued:	June 5, 2020
Proposed Effective:	October 1, 2020
Docket No.	2020-

Jeffrey Kobrock, Chairman
Gardiner Water District

Gardiner Water District

**SHEET #2
SIXTH REVISION**

PUBLIC FIRE PROTECTION

AVAILABLE:

To the City of Gardiner, and the Towns of Farmingdale and Randolph,
for Municipal Fire Protection

RATE:

The rate for existing hydrants as installed on the system at October 1, 2020,
shall have a charge of

	Hydrants	Annually	Quarterly	Monthly
Gardiner	181	\$312,520	\$78,130	\$26,043
Farmingdale	66	\$113,958	\$28,489	\$9,496
Randolph	49	\$84,605	\$21,151	\$7,050
	296	\$511,083	\$127,771	\$ 42,590

Rate for hydrants installed after October 1, 2020, shall be determined
in accordance with the Public Utilities Commission Rules and Regulations
of Chapter 69.

All public fire hydrants now existing or to be installed will be cared for and maintained
in good working order [unavoidable accidents accepted] by the District.

Once any fire hydrant is actually installed and in operation, the total annual fire
protection service charge then in effect will not be reduced should the municipality
served order one or more hydrants discontinued.

Should the municipality order any hydrant or hydrants moved to a different location,
the municipality shall pay to the District all costs of removing and
and re-installing said hydrant or hydrants.

TERMS OF PAYMENT:

Charges under these rates are net and will be billed and payable monthly, quarterly or
annually in advance, at the option of the District.

Issued: June 5, 2020
Proposed Effective: October 1, 2020
Docket No. 2020-

Jeffrey Kobrock, Chairman
Gardiner Water District

Gardiner Water District

**SHEET #3
SIXTH REVISION**

PRIVATE FIRE PROTECTION

AVAILABLE:

To customers using the District's services for private fire protection, the following rates apply to fire protection only and include no allowance for water for other than fire fighting purposes.

RATES:

Private fire service for automatic sprinklers, standpipes, or hose connections to be used only for fire protection inside of buildings.

Service charges per inch of service pipe diameter, per year \$194.22

Each private hydrant with service connection furnished, installed maintained by user for private fire protection, per year. \$1,028.34

TERMS OF PAYMENT:

Charges for private fire protection shall be billed and payable quarterly in advance/arrears

Issued: June 5, 2020
Proposed Effective: October 1, 2020
Docket No. 2020-

**Jeffrey Kobrock, Chairman
Gardiner Water District**