



Town of Bar Harbor FY26 Water Budget



Town of Bar Harbor

FY 2026 Water Budget

TABLE OF CONTENTS

Introduction	Page
Budget Summary and Detail Message	1-5
Proposed Ordinance Change	6
Financial Data –Line Items	
Fund Balance Summary	7
Revenues	8
Expenses - Line Items	9-11
Capital Expenditures- 5 year plan	12
List of Authorized Positions-Wages	13
Water Rates	
Water Rate Comparisons-Graph & Data Listing	14-16
History of Bar Harbor Minimum Charges	17
PUC Approved Bar Harbor Rates	18-21
Other Information	
Existing & New Debt Service Schedules	22-26
Water Quality	
2024 Annual Drinking Water Program Water Quality	27-30

Memo

To: Town Councilors; James Smith, Town Manager

From: Bethany Leavitt, Public Works Director and Sarah Gilbert, Treasurer

Date: 8/5/2025

Re: Water Budget Message – FY2026 Water Budget

Summary

This FY2026 budget for the Bar Harbor Water Division proposes the following changes from last year's 2025 budget:

- **A 10/1/25 revenue increase is proposed of 6%**
- **Gross capital expenditures from internal funds projected at \$761,000**
- **A 1.6% budgeted increase of consumption due to new construction/accounts**
- **A 10.2% budgeted increase of operating expenses due to increased cost of utilities and contractual services**

Revenues in FY26 are projected to be 6% higher than the FY25 budget. Total operating expenses, including depreciation, over the 2024 budget are anticipated to increase by 10.2%. Capital spending is requested at \$761,000 covered by previously internally generated funds as well as new appropriations. The fiscal year just ending (FY25) projects a decrease of cash of approximately \$1,100,586 primarily because of deferred capital spending. Next year, we are budgeting for \$33,048 increase in fund balance due to increased bond projects and less user funded projects.

Major Highlights to the Budget

The Lower Main Street Water, Sewer and Storm Drain Improvement project completed, as well as Park Street Water main installation and repaving of the road. Up Island Storage Tank/Priority Infrastructure Project workplan submitted to EPA. The town is working collaboratively with Acadia National Park for Crom-well Harbor Road water main project. These upgrades may have an economic impact on both residents and busi-nesses, so revenues and related variable expenses may be high or low depending on contractor costs. Reve-nues in the Commercial categories and the volume of chemicals used for water treatment may vary widely from the budget. We would like to request to the PUC for a rate increase effective this budget to take effect for the second billing of FY2026. A portion of the future rate increase is because there hasn't been an in-crease in the water rate structure for over eight (8) years, high inflation rates due to current economy, and bonding for Priority Infrastructure Improvements.

Town of Bar Harbor

FY2026 Water Budget

Statistical Infrastructure & Operational Data of the Water Division

There are 1823 metered customers, of which 72%, or 1297 accounts, are classified as Residential. 19.7% of these total metered customers as well as 20.6% of the related revenue volume are seasonal customers. All customers generally receive their bills quarterly. The remaining 526 accounts are commercial. There are 113 customers related to non-metered sprinkler and private hydrant fire protection.

Investment in water treatment plant and infrastructure totals increased by \$9.5 million since the Town purchased the Water Company in 2001. The water *mains* in its service areas total 29.3 miles with distribution pipe sized from 1" to 16". Since 2001 the Division has invested in 9.4 miles of new mains while retiring 7.7 miles. Design capacity is approximately 2400 gallons per minute. 365 million gallons are sent through the transmission mains annually with about 20% unaccounted for; down from over 25% ten years ago. Jackson Lab represents 25% of the total measured volume for the division, although mouse production has significantly moved to their Ellsworth facility. Management/Accounting administrative fees charged by the Town to the Water Division have remained relatively stable since 2001, this fiscal year will include engineering, survey and asset management service associated with the Infrastructure improvements. The Water utility also pays the Town's General Fund (CIP) for 1/3 of the Public Works facility debt service costs for the use of the facility. The latest 2024 annual filing with the *Public Utilities Commission* provides additional detail operating data and is located on the State PUC website as well as on the Town website under the Water Division of Public Works.

Current Water Rates & Average Customer Bill

- A minimum quarterly bill currently under this budget allowing 1200 cubic feet through a 5/8" meter of \$76.17 per quarter will remain at that level for quarters 1-3. Water rates are regulated by the Maine Public Utilities Commission. The Town has engaged Olver Associates to prepare a rate study, complete with three options for rate structures. Once the study is complete, the Town Council will have the opportunity to review these structures, before presented to the PUC for approval.
- *USDA-Rural Development*, the federal organization that provides grant and loan funds for qualifying utilities, has used a 2000 cubic feet per quarter standard to compare usage for a typical family household among all the utilities. At the current rates, 8000 cubic feet in annual water usage totals to \$484 per annum for a family of four in Bar Harbor or \$40.33 per month.

Volume

This budget assumes an increase in volume of 1.6% from the FY 25 budget. The trend certainly has stabilized from the previous downtrends in the last few years, but the COVID19 impact is perhaps only reflected as a moderate rebound at this point. All categories do show an expected increase from FY26 estimates, specifically commercial. For budgeting, we assume little decrease water volume from JaxLab as they expand the use of its Ellsworth production facility, but also new on site housing needs. Their last long term water use projections provided to the Town have shown generally less usage for the next few years.

Town of Bar Harbor

FY2026 Water Budget

Revenues

The 2026 budget assumes a 6% increase in gross revenue. The estimated rate increase for the 10/1/25, will generate an additional \$125,589 in revenue. A dry or wet season (volume usage) is typically the largest factor in our fluctuation of revenues along with Jackson Lab mice production fluctuation being another significant factor. The Town bills in advance, with the excess billed in arrears.

Operating Expenditures

The proposed FY2026 water budget reflects a 12% overall increase in operating expenses over the FY '25 year's estimated final expenses. Payroll and benefits, in total, are anticipated to reflect an 2.6% increase, due to being fully staffed. The Water staff joined the Teamsters union effective 7/1/22 and their employment contract will expire at the end of this fiscal year, 6/30/2025. Job descriptions were updated to allow staff to work in other Public Works positions.

Major line item budget increases in projected cash expenses anticipated in FY2026 above last year's actual spending are as follows:

Contractual Services-Engineering #5326, Capital projects
Contractual Services-Town Mgmt Svc #5306, Bonded capital projects
Contractual Services-Asset Management #5390 implement software
Materials&Supplies-Sodium Hypochlorite,#5424, Chemical price increase
Utilities-Electricity, #5504, increase in delivery. Supply is 100% clean energy contract
Repairs&Maintenance, #5650 services

What Were the Results of Actual FY25 Operating Expenses vs the FY25 Budget?

The Water Division's FY'25 projected actual operating expense results will end 20% under the target of its 2025 spending budget this year, or, pre audit, \$415,000 under budget estimates. Duck Brook building maintenance moved to FY2026.

Public Fire Protection (Hydrant Revenues)

Included in the budget revenue is the PUC mandated annual public fire protection amount authorized for the utility to charge the Town for its downtown fire protection. It was stated in prior budget hearings that it is formula driven, calculated by our rate case consultant in accordance with PUC standards in line with the State Statutes. A copy of that calculation is included in the Town's last rate case located on the Town website. The utility maintains 106 public hydrants in the downtown area out to Hulls Cove.

Public Fire Protection History - To provide public fire protection a utility generally must size its infrastructure 2 to 3 times larger. Variables within that formula include the estimated year round population as

Town of Bar Harbor

FY2026 Water Budget

well as the total reported gallons pumped. However, the results do have an overall regulatory cap of 30% of total revenues that can be derived as public hydrant revenues—in Bar Harbor’s situation, this charge of \$711,626 to the Town’s taxpayers is shown as an expense in the Town Budget and as revenue in this Water budget. This amount will be prorated to both funds. These funds are used for the general operations of the Water Division, including debt service. All other revenues raised come from either specific user fees, or private fire protection (hydrants/sprinklers).

In 2023 the Town maintained its ISO (*Insurance Services Office*) rating, which over time may lower fire insurance premiums for home and business owners. This rating is a 4/4x which reflects the Town’s continued measurable improvement in its fire department funding & operations (50% of the rating) and by its continued replacement of older mains and hydrants (40% of the rating), by measuring increasing peak flows towards a 3500 gpm target. These efforts contribute to improved fire response capability.

Annual Drinking Water Quality Report

This annual report by the Federal Safe Drinking Water Act is sent to all customers of the Water Division. There were no water quality violations in calendar 2024. Due to the continued exceptional water quality of our source, the surrounding protection of the watershed, the water system has a filtration waiver. Under the State’s Safe Water Drinking Program, the water Division has both a type of chlorination and UV lighting to protect its supply. Lime and CO2 treatment are also added for both PH control as well as pipe corrosion control.

Debt Service

As of June 30, 2025, total principal in obligated debt for the water users stands at \$7,329,342, or approximately 6.5% of all direct debt obligations of the Town. In the FY2026 budget, the debt service is projected to be at \$856,424 or approximately 27.4% of the total annually revenues presently generated the All current debt is currently fully funded within the proposed rate structure with interest rates ranging from 1.5% to 5%.

Current Debt—the 5 year CIP spending plan shows \$5,440,727 approved at June 7, 2022, Town Meeting for Water Projects over the next four years. The Town borrowed these funds in Summer of 2023 to implement the recommendations outlined in the Master Plan as well as replace one pump station. This will impact current and future rates. There are projects that were postponed a few years back, but with the Wastewater CSO capital costs, there will be synergies and cost saving to proceed with projects simultaneously.

Capital Outlay

The Town has invested \$13,066,000 (*70% from bonds*) on capital improvements since the purchase of the company in 2001. In fiscal year 2024/5 the Water division spent or committed \$2,266,006 for necessary capital investments. The proposed FY’26 capital spending is \$5,858,120, funded by operating cash flow, cash reserves, bond monies, and CDS grant – excluding debt service. The Priority Infrastructure bond spending planned for FY26 is \$3,697,120. In FY26 we anticipate adding \$33,048 to Fund Balance surplus.

Town of Bar Harbor

FY2026 Water Budget

FY 2026 Capital Spending (CIP) Highlights

Mains	\$987,120 -Replacement Harbor Lane, Hancock St., GlenMary&Shannon, West St, Rodick, Up Island Summer line
Paving	\$80,000 -Regrade JAX tank driveway
Mains	\$225,000 -Oak St/Rte 3 Connection
Up Island Tank	\$1,400,000 -Egineering and Tank initial payment CDS funded
Mains	\$600,000 -Cromwell Harbor Road, Bond funded

Working Capital/Cash Flow

A common and simple method for measuring a minimum working capital formula for a utility that bills in advance is to use 3 months or 25% of annual operating expenses. This target calculates to approximately \$604,500 estimated requirement as of June 30, 2025. Since FY2010 the Division has been building up its own cash reserve. The cash balance at the end of this year is anticipated to be higher because of deferred capital spending. However, the proposed budget projections show that there will be an increase of the cash reserves of \$33,048 in FY2026.

Water Master Plan

The comprehensive Water Master Plan was completed in FY2019/20 to use as a continuing guide to assist in long term planning, avoiding surprises in both capital and operational aspects of maintaining the efficient running of the water facility and to give general direction for budgeting priorities. This includes maintaining the *filtration waiver*, which if not renewed, would be very expensive for the ratepayers. This latest Master Plan was completed by *Olver Associates* and heard by the Town Councilors in December, 2020.

Items reviewed by the Master Plan were subjects focused on identifying bottle necks of constricted flow in the distribution system, water storage needs, documenting weaknesses of the system, help design equipment replacements and upgrades and work with the Town's *Comprehensive Plan* to investigate likely expansion opportunities in designated growth areas to relieve stress on the private well water resources. The Master Plan suggested priorities, such as water storage facilities and specific main improvements projects that will require coordination with other department needs, such as Wastewater and Highway; and an inter-department project prioritization plan developed. This consolidated coordination allows funds from each department to be used wisely.

Town Council Action – The next step is for the Town Council to pass a motion to adopt the Water Budget and Ordinance, as proposed, (*or amended*) and schedule a public hearing on August 19, 2025.

The Bar Harbor Town Council will hold a public hearing August 19, 2025 to hear comments on the following amendment to the Town Code.

Water Ordinance Amendment

Town of Bar Harbor

#2025-07

An Ordinance Amendment to Adopt the Fiscal Year 2026 Water Budget

The Town of Bar Harbor hereby ordains that Chapter 201, Water, of the Town Code is amended as follows:

[Please Note: Old language is ~~stricken~~. New language is underlined.]

Chapter 201, Water

ARTICLE III

Water Budget, Rates, Fees and Charges

§ 201-11. Water budget.

- A. Budget adopted. The fiscal year ~~2025~~ 2026 Water Budget, dated ~~December 17, 2024~~ August 5, 2025, is hereby adopted as published and summarized below.
- (1) Cash. Net cash ~~drawdown~~ generated is estimated to be ~~\$325,501~~ \$33,048.
 - (2) Revenues.
 - (a) PUC regulated revenues are estimated to be ~~\$2,714,746~~ \$2,835,335.
 - (b) Total water revenues are estimated to be ~~\$2,950,846~~ \$3,126,435.
 - (3) Expenses. The following appropriations are hereby approved:
 - (a) Nonoperating expenses: ~~\$10,274~~ \$14,500.
 - (b) Salaries and wages: ~~\$622,825~~ \$646,641.
 - (c) Payroll benefits: ~~\$260,599~~ \$259,665.
 - (d) Contractual services: ~~\$387,673~~ \$561,207.
 - (e) Materials and supplies: ~~\$199,100~~ \$205,600.
 - (f) Utilities and commodities: ~~\$81,500~~ \$102,500.
 - (g) Repairs and maintenance: ~~\$238,000~~ \$170,500.
 - (h) Equipment purchases: ~~\$25,000~~ \$29,500.
 - (i) Other: insurance, travel, advertising and miscellaneous: ~~\$70,250~~ \$68,350.
 - (j) Interest: ~~\$878,161~~ \$296,694.
 - (k) Depreciation and amortization: ~~\$317,223~~ \$385,369.
 - (l) Capital spending: ~~\$3,955,061~~ \$6,714,544.

Town of Bar Harbor
Water Fund FY2026

<i>Actual</i>	<i>Estimated</i>	<i>Requested</i>
<i>Actual</i>	<i>Actual</i>	<i>Next Year</i>
<i>FY24</i>	<i>FY25</i>	<i>FY26</i>

FUND BALANCE - Water Fund

Starting Fund Balance	\$2,392,516	\$1,732,127	\$631,541
Revenues & Other Sources	\$2,265,550	\$2,371,843	\$3,126,435
Expenditures & Other Uses	\$2,925,939	\$3,472,429	\$3,093,387
Ending Fund Balance	\$1,732,127	\$631,541	\$664,589

Reserve/Fund Balance Use (\$33,048)

A. Designation for Working Capital

As with other Town funds, the method for measuring minimum working capital formula is to calculate 3 months or 25% of annual operating expenses

Annual Operating Expenses	2,418,343
	25%
Recommended Designation	\$604,586

TOWN OF BAR HARBOR
NEXT YEAR / CURRENT YEAR BUDGET ANALYSIS REVENUE
FISCAL YEAR 2026 WATER BUDGET

			2024	2025	2026	% Change
			ACTUAL	ADOPTED	ADOPTED	'25 vs. '26
Volume ('000's cubic feet)			35,921	36,400	37,000	1.6%
4098	4700	INVESTMENT INTEREST	\$15,530	\$220,000	\$275,000	25%
4098	4704	LATE PENALTIES INTEREST	\$937	\$900	\$900	0%
4098	4900	METERED RESIDENTIAL SALES	\$483,709	\$537,600	\$577,519	7%
4098	4901	METER RESIDENTIAL SEAS'L	\$160,000	\$207,200	\$215,000	4%
4098	4902	METERED COMMERCIAL SALES	\$396,643	\$456,960	\$500,143	9%
4098	4903	METER COMMERCIAL SEAS'L	\$177,547	\$285,600	\$293,615	3%
4098	4904	METERED JAX LAB SALES	\$185,288	\$218,400	\$216,348	-1%
4098	4905	METER JAX LAB SEASONAL	\$3,500	\$5,600	\$7,500	34%
4098	4906	METERED GOVERNMENT SALES	\$41,427	\$53,200	\$59,937	13%
4098	4907	METER GOVERNMENT SEAS'L	\$33,000	\$44,800	\$48,930	9%
4098	4920	PUBLIC FIRE PROTECT-HYDRNT	\$585,604	\$711,626	\$711,626	0%
4098	4922	PRIVATE FIRE PROTECTION	\$170,500	\$193,760	\$204,717	6%
4098	4924	JOBGING INCOME	\$4,365	\$4,000	\$4,000	0%
4098	4938	TURN ON & MISC FEES	\$7,500	\$11,200	\$11,200	0%
TOTAL REVENUE			\$2,265,550	\$2,950,846	\$3,126,435	6%

TOWN OF BAR HARBOR
NEXT YEAR / CURRENT YEAR BUDGET ANALYSIS
FISCAL YEAR 2026 WATER BUDGET EXPENDITURES

			2024	2025	2026	% Change
			ACTUAL	BUDGET	PROPOSED	'25 vs '26
51 WAGES						
4098	5100	WAGES-SALARIES		\$91,219	\$93,499	2.5%
4098	5105	WAGES-HOURLY	\$389,475	\$416,058	\$432,143	3.9%
4098	5110	WAGES-OVERTIME	\$71,199	\$77,048	\$82,499	7.1%
4098	5160	WAGES-OVERTIME EMERGENCIES		\$35,000	\$35,000	0.0%
4098	5170	WAGES-ACCRUALS-27TH PP	\$1,218	\$2,500	\$2,500	0.0%
4098	5175	WAGES-VACATION ACCRLS	\$150	\$1,000	\$1,000	0.0%
TOTAL WAGES			\$462,042	\$622,825	\$646,641	3.8%
52 EMPLOYEE BENEFITS						
4098	5162	WAGES-HEALTH INS STIPEND		\$8,500	\$0	-100.0%
4098	5200	BEN-FICA/MEDICARE	\$33,396	\$44,969	\$48,455	7.8%
4098	5210	BEN-ME ST RET SYST PENSION	\$47,666	\$57,848	\$59,294	2.5%
4098	5215	BEN-WORKERS COMPENSATION	\$6,928	\$12,985	\$11,457	-11.8%
4098	5220	BEN-UEMPLOYMENT COMPNSTN	\$1,272	\$1,275	\$1,275	0.0%
4098	5225	BEN-HEALTH INSURANCE PREM	\$92,388	\$98,500	\$101,400	2.9%
4098	5230	BEN-HEALTH INS.-OPT OUT PROG	\$19,368	\$20,200	\$20,800	3.0%
4098	5245	BEN-RET. HEALTH SAVINGS ACCT	\$ -	\$900	\$900	0.0%
4098	5290	BEN-HRA ACCOUNT	\$10,606	\$12,500	\$13,000	4.0%
4098	5298	BEN - ME PAID FAMILY MED LEAVE	\$ -	\$2,922	\$3,084	5.5%
TOTAL EMPLOYEE BENEFITS			\$211,624	\$260,599	\$259,665	-0.4%
53 CONTRACTUAL SERVICES						
4098	5304	CONT SRV-AUDIT & ACCOUNTING	\$3,000	\$5,000	\$6,000	20.0%
4098	5306	CONT SRV-BH TOWN MGT. SERV	\$111,321	\$111,321	\$161,321	44.9%
4098	5312	CONT SRV-SEPTIC PUMPING	\$2,160	\$3,000	\$4,000	33.3%
4098	5314	CONT SRV-COPY/POSTG EQPMNT	\$2,821	\$4,000	\$4,300	7.5%
4098	5315	CONT SRV-COURIER SERVICES-LAB	\$7,740	\$8,000	\$8,200	2.5%
4098	5320	CONT SRV-DISPOSAL-OTHER	\$958	\$1,000	\$1,000	0.0%
4098	5326	CONT SRV-ENG & SURVEYING	\$5,913	\$50,000	\$160,000	220.0%
4098	5332	CONT SRV-GENERATORS	\$397	\$1,200	\$1,200	0.0%
4098	5334	CONT SRV-GEN'L PROF FEES	\$353	\$ -	\$1,000	
4098	5336	CONT SRV-W TREATMNT EQPMNT	\$29,020	\$12,000	\$14,000	16.7%
4098	5340	CONT SRV-LEGAL-GENERAL	\$0	\$1,000	\$1,000	0.0%
4098	5348	CONT SRV-MOWING	\$850	\$1,000	\$700	-30.0%
4098	5360	CONT SRV-PRNTING OF REPORTS	\$ -	\$700	\$0	-100.0%
4098	5362	CONT SRV-HYDRANT FLW TESTS	\$0	\$4,000	\$4,000	0.0%
4098	5364	CONT SRV-PW BLDG LEASE	\$79,273	\$79,220	\$79,436	0.3%

4098	5368	CONT SRV-COMPUTER LIC & SPPT	\$10,256	\$20,000	\$15,000	-25.0%
4098	5372	CONT SRV-LAB TNK-INT CLEN/INSP	\$21,673	\$22,000	\$25,000	13.6%
4098	5374	CONT SRV-LAB TANK PNTG AMRT	\$ -	\$4,532	\$0	-100.0%
4098	5376	CONT SRV-TEMP CONTRACT HELP	\$0	\$ -	\$ -	
4098	5378	CONT SRV-TESTNG-EQUIPMENT	\$0	\$2,700	\$2,700	0.0%
4098	5384	CONT SRV-LABORATORY TESTING	\$10,015	\$12,000	\$12,000	0.0%
4098	5390	CONT SRV-ASSET MANAGEMENT	\$ 3,990.00	\$20,000	\$50,350	151.8%
4098	5395	CONT SRV-REGULATORY COMPLNCE	\$ -	\$25,000	\$10,000	-60.0%
TOTAL CONTRACTUAL SERVICES			\$289,740	\$387,673	\$561,207	44.8%
54 MATERIALS & SUPPLIES						
4098	5410	SUPPLIES-CLOTHING UNIFORMS	\$7,206	\$10,000	\$10,000	0.0%
4098	5412	SUPPLIES-COPIER & CMPTR SUP	\$2,201	\$2,500	\$2,500	0.0%
4098	5418	SUPPLIES-FORMS/CHECKS & ETC	\$ 284.00	\$600	\$600	0.0%
4098	5423	SUPPLIES-AMMONIA	\$4,890	\$5,000	\$5,500	10.0%
4098	5424	SUPPLIES-SOD HYPOCHLORITE	\$31,298	\$31,000	\$37,000	19.4%
4098	5425	SUPPLIES-FLUORIDE	\$9,498	\$15,000	\$14,000	-6.7%
4098	5426	SUPPLIES-CO2	\$47,264	\$60,000	\$60,000	0.0%
4098	5427	SUPPLIES-LIME	\$10,275	\$11,000	\$13,000	18.2%
4098	5428	SUPPLIES-WATER TREATMN SUPPL	\$19,982	\$25,000	\$25,000	0.0%
4098	5436	SUPPLIES-OFFICE SUPPLIES	\$3,779	\$5,000	\$4,500	-10.0%
4098	5438	SUPPLIES-OPERATING	\$17,327	\$25,000	\$25,500	2.0%
4098	5444	SUPPLIES-SAFETY SUPPLIES	\$1,269	\$6,000	\$5,000	-16.7%
4098	5458	SUPPLIES-VEHICLE SUPPLIES	\$249	\$3,000	\$3,000	0.0%
TOTAL MATERIALS & SUPPLIES			\$155,522	\$199,100	\$205,600	3.3%
55 UTILITIES & COMMODITIES						
4098	5504	UTIL-ELECTRICITY	\$42,032	\$40,000	\$60,000	50.0%
4098	5506	UTIL-ELECTRICITY-PUMPING	\$5,079	\$4,500	\$5,000	11.1%
4098	5514	UTIL-MOTOR FUEL-DIESEL	\$1,032	\$1,000	\$1,000	0.0%
4098	5516	UTIL-MOTOR FUEL-UNLEAD GAS	\$11,483	\$16,000	\$16,000	0.0%
4098	5520	UTIL-PROPANE	\$5,307	\$5,000	\$5,500	10.0%
4098	5528	UTIL-TELEPHONE & CELLULAR	\$10,864	\$15,000	\$15,000	0.0%
TOTAL UTILITIES & COMMODITIES			\$75,797	\$81,500	\$102,500	25.8%
56 REPAIRS & MAINTENANCE						
4098	5602	REP & MT-BUILDINGS	\$1,099	\$25,000	\$25,000	0.0%
4098	5608	REP & MT-WATER TREATMNT EQ	\$ -	\$ -	\$ -	
4098	5618	REP & MT-EQUIPMENT & GEN'L	\$231	\$6,500	\$4,000	-38.5%
4098	5626	REP & MT-HYDRANTS	\$4,754	\$5,000	\$5,000	0.0%
4098	5628	REP & MT-MAINS	\$51,948	\$80,000	\$60,000	-25.0%
4098	5630	REP & MT-METERS	\$ -	\$60,000	\$5,000	-91.7%
4098	5634	REP & MT-PLNT & W TREATMT EQ	\$11,068	\$15,000	\$15,000	0.0%
4098	5642	REP & MT-PUMPNG EQPMNT	\$ -	\$10,000	\$10,000	0.0%

4098	5650	REP & MT-SERVICES		\$11,425	\$25,000	\$35,000	40.0%
4098	5652	REP & MT-STANDPIPES/INTAKES	\$	-	\$4,000	\$4,000	0.0%
4098	5658	REP & MT-VEHICLE REPAIRS		\$6,054	\$7,500	\$7,500	0.0%
TOTAL REPAIRS & MAINTENANCE				\$86,579	\$238,000	\$170,500	-28.4%
57 EQUIPMENT							
4098	5700	EQP PURCH-COMPUTER/PRNTRS		\$3,476	\$14,000	\$18,000	28.6%
4098	5702	EQP PURCH-OFFICE		\$102	\$1,000	\$1,500	50.0%
4098	5704	EQP PURCH-OPERATING		\$106	\$10,000	\$10,000	0.0%
TOTAL EQUIPMENT				\$3,684	\$25,000	\$29,500	18.0%
58 OTHER EXP, TRAVEL							
4098	5800	ADVERTISING		\$688	\$1,200	\$1,200	0.0%
4098	5808	DUES/LICENSES & OTHER		\$5,258	\$4,200	\$6,000	42.9%
4098	5822	INSURANCES-GEN LIAB & PRP		\$5,316	\$11,000	\$10,500	-4.5%
4098	5824	INSURANCES-PROP & CASLTY		\$4,082	\$9,250	\$8,800	-4.9%
4098	5826	INSURANCES-VEH & LIAB		\$7,008	\$13,000	\$12,000	-7.7%
4098	5832	PERMITS & FEES		\$267	\$600	\$600	0.0%
4098	5836	POSTAGE & SHIP COSTS		\$4,683	\$5,000	\$5,250	5.0%
4098	5840	REGULATORY ASSESSMENTS		\$12,637	\$12,000	\$12,500	4.2%
4098	5844	TRAINING/WORKSHOPS/ETC		\$5,451	\$5,000	\$6,000	20.0%
4098	5846	TRAVEL RMS MILES & MEALS		\$299	\$5,000	\$1,500	-70.0%
4098	6008	RATE CASE EXP AMORT	\$	-	\$4,000	\$4,000	0.0%
TOTAL OTHER EXP, TRAVEL				\$45,689	\$70,250	\$68,350	-2.7%
60 DEPRECIATON & AMORTIZAION							
4098	6000	AMORTIZATION-ACQ ADJST		\$70,124	\$0	\$70,124	
4098	6006	AMORTIZATION-DEBT EXP		\$486	\$723	\$745	3.0%
4098	6012	DEPRECIATION		\$285,600	\$302,000	\$300,000	-0.7%
4098	6014	DEPRECIATION-CIAC		\$13,975	\$14,500	\$14,500	0.0%
TOTAL DEPRECIATON & AMORTIZATION				\$370,185	\$317,223	\$385,369	21.5%
49 WATER UTILITY							
4098	6002	AMORTIZATION-CIAC		-10,274	-10,274	-14,500	41.1%
4098	6016	LOSS ON DISPSL OF ASSETS		488	0	0	
4098	6018	L T PENSION LIAB EXP-GASB 68		3,477	3,511	3,511	0.0%
TOTAL WATER UTILITY				-6,309	-6,763	-10,989	62.5%
TOTAL OPERATING EXPENSES				\$1,694,553	\$2,195,407	\$2,418,343	10.2%

List of Positions - Authorized Wages

A/c #	-base pay-	Present Rate @ 6-30-25	7/1/25 Union Rate or Hours 2080	FY26 Proposed Base Wages
5100	Superintendent -Salary-	\$ 87,291	\$ 93,499	\$ 93,499
	Distribution System Manager - JA	\$ 34.04	\$ 34.93	\$ 72,644
	Office Manager - CG	\$ 34.24	\$ 35.13	\$ 73,071
	Treatment System Manager-BL	\$ 34.04	\$ 34.93	\$ 72,644
	Water Maint. Tech I - JL	\$ 30.35	\$ 31.14	\$ 64,769
	Water Maint. Tech II - DR	\$ 32.21	\$ 33.05	\$ 68,739
	Water Maint. Tech I - MF	\$ 30.05	\$ 30.83	\$ 64,129
	Asst Safety Coordinator	\$ 0.25	\$ 0.25	\$ 520
	Safety Coordinator	\$ 0.50	\$ 0.50	\$ 1,040
	Wage Adjustments (for licenses)		\$ 3.50	\$ 7,280
	Part Time Help			\$ 7,307
				\$ -
5105	Total wages-hourly			\$ 432,143
	Scheduled Overtime-Avg. OT rate (6)	\$ 50.00	832	\$ 41,600
	Unscheduled Overtime-Avg. OT rate (6)	\$ 50.00	818	\$ 40,900
5110	Total wages-overtime			\$ 82,499
5160	Emergency Overtime			\$ 35,000
	Totals - Salaries & Wages			\$ 608,141
	Actual Unscheduled Overtime Hours - CY 2024		794	
	Actual Unscheduled Overtime Hours - CY 2023		448	
	Actual Unscheduled Overtime Hours - CY 2022		1,210	
	Actual Unscheduled Overtime Hours - CY 2021		820	

Water Rate Comparisons

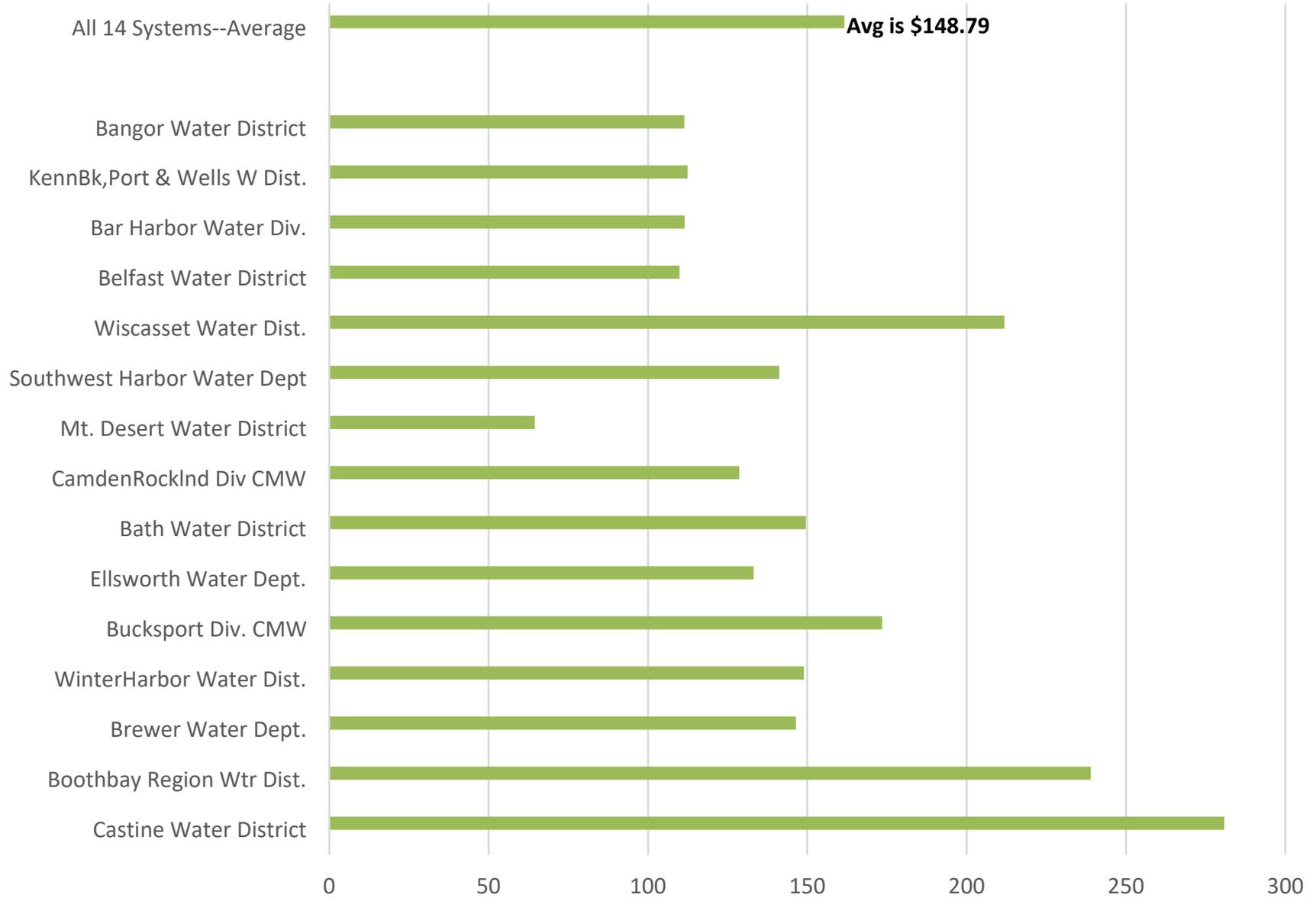
(USDA std)

<i>Utility Name</i>	<i>Qtr - Family 2000 CuFt</i>	<i>Rates Effective</i>	
Unfiltered Systems:			
Brewer Water Dept.	\$ 146.44	2024	
Mt. Desert Water District	\$ 64.50	2021	(by fixtures/ann'l)
ME Water Co,-Camden	\$ 128.64	2024	
Bar Harbor Water Div.	\$ 111.53		
Bangor Water District	\$ 111.45	2024	
 Average Billing	 \$ 140.64		
 Filtered Systems:			
Castine Water District	\$ 280.85	2024	
Boothbay Region Wtr Dist.	\$ 239.00	2024	
WinterHarbor Water Dist.	\$ 149.00	2019	
ME Water Co-Bucksport	\$ 173.55	2025	
Ellsworth Water Dept.	\$ 133.17	2024	Supported partially by taxes
Bath Water District	\$ 149.59	2023	
Southwest Harbor Water Dept	\$ 141.18	2025	
Wiscasset Water Dist.	\$ 211.88	2024	
Belfast Water District	\$ 109.86	2024	
KennBk,Port & Wells W Dist.	\$ 112.46	2024	
 Average Billing	 \$ 170.05		
 All Systems-Average	 \$ 161.65		

Town of Bar Harbor
2026 Water Budget

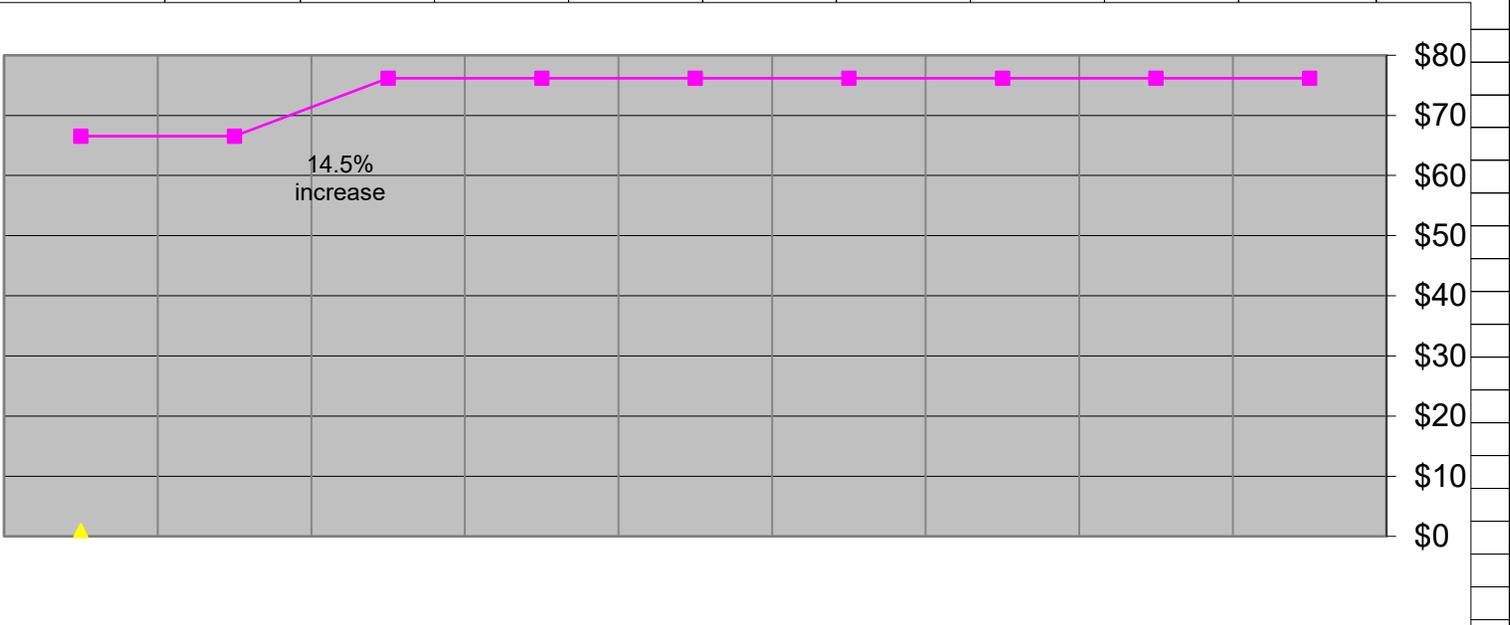
<u>Castine Water District</u>	\$ 280.85
Boothbay Region Wtr Dist.	\$ 239.00
Brewer Water Dept.	\$ 146.44
WinterHarbor Water Dist.	\$ 149.00
Bucksport Div. CMW	\$ 173.55
Ellsworth Water Dept.	\$ 133.17
Bath Water District	\$ 149.59
CamdenRockInd Div CMW	\$ 128.64
Mt. Desert Water District	\$ 64.50
Southwest Harbor Water Dept	\$ 141.18
Wiscasset Water Dist.	\$ 211.88
Belfast Water District	\$ 109.86
Bar Harbor Water Div.	\$ 111.53
KennBk,Port & Wells W Dist.	\$ 112.46
Bangor Water District	\$ 111.45
All 14 Systems--Average	\$ 161.65

Water Rate Comparison



Town Of Bar Harbor
2026 Water Budget

		History of Quarterly Minimum Water Charges								
Rate Increases by Town (on residential users)										
Effective Dates	1/1/15	1/1/16	1/1/17	1/1/18	1/1/19	1/1/20	1/1/21	1/1/2022	1/1/2023	4/1/2025
Water Minimum Charge	\$ 66.55	\$ 66.55	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17	\$ 76.17
Minimum Allowance	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
<i>an average of 3.5% increase per year over the last ten years</i>										



TOWN OF BAR HARBOR WATER DIVISION
BAR HARBOR, MAINE 04609

Sheet #1
SIXTH Revision

SCHEDULE OF METERED RATES FOR ANNUAL CUSTOMERS

Quarterly Billing

First 1,200 Cubic Feet or less per Quarter	76.17
For the next 10,800 Cubic Feet per Quarter	4.42 per 100 cu. ft.
For the next 78,000 Cubic Feet per Quarter	2.07 per 100 cu. ft.
Over 90,000 Cubic Feet per Quarter	1.35 per 100 cu. ft.

Monthly Billing

First 400 Cubic Feet or less per Month	25.39
For the next 3,600 Cubic Feet per Month	4.42 per 100 cu. ft.
For the next 26,000 Cubic Feet per Month	2.07 per 100 cu. ft.
Over 30,000 Cubic Feet per Month	1.35 per 100 cu. ft.

Minimum Charge

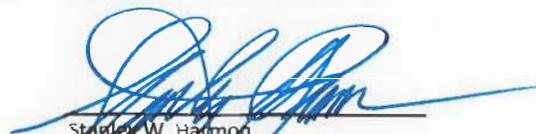
<u>SIZE OF METER</u>	<u>Quarterly</u>		<u>Monthly</u>	
	<u>Allowance</u>	<u>Charge</u>	<u>Allowance</u>	<u>Charge</u>
5/8"	1,200	76.17	400	25.39
3/4"	1,800	102.69	600	34.23
1"	3,000	155.73	1,000	51.91
1-1/2"	6,000	288.33	2,000	96.11
2"	9,600	447.45	3,200	149.15
3"	18,000	677.72	6,000	225.91
4"	30,000	926.13	10,000	308.71
6"	60,000	1,547.13	20,000	515.71

Terms of Payment

The minimum charge for different sizes of meters will be billed monthly or quarterly in accordance with the water division's billing procedure.

Charges under these rates will be subject to the Maine Sales Tax where applicable and are due and payable when issued. Unpaid balances of accounts thirty (30) days or more past due will be charged interest at the rate set annually by the Public Utilities Commission of the State of Maine.

Issued: October 15, 2015
Proposed Effective: January 1, 2016
Effective:
Docket No. 2015-00317


Stanley W. Harmon
Finance Director
Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
 BAR HARBOR, MAINE 04609

Sheet #2
 SIXTH Revision

SCHEDULE OF METERED RATES FOR SEASONAL CUSTOMERS

Quarterly Billing

First 1,600 Cubic Feet or less per Quarter	201.63
For the next 10,400 Cubic Feet per Quarter	8.87 per 100 cu. ft.
For the next 78,000 Cubic Feet per Quarter	4.13 per 100 cu. ft.
For the next 300,000 Cubic Feet per Quarter	2.07 per 100 cu. ft.
Over 390,000 Cubic Feet per Quarter	1.58 per 100 cu. ft.

Minimum Charge

<u>SIZE OF METER</u>	Seasonal	
	<u>Allowance</u>	<u>Charge</u>
5/8"	1,600	201.63
3/4"	2,400	272.66
1"	4,000	414.73
1-1/2"	8,000	769.92
2"	12,800	1,158.19
3"	24,000	1,621.47
4"	40,000	2,283.28
6"	80,000	3,937.81

Terms of Payment

The minimum charge for different sizes of meters will be billed monthly or quarterly in accordance with the water division's billing procedure.

Charges under these rates will be subject to the Maine Sales Tax where applicable and are due and payable when issued. Unpaid balances of accounts thirty (30) days or more past due will be charged interest at the rate set annually by the Public Utilities Commission of the State of Maine.

Issued: October 15, 2015
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Stanley W. Harmon
 Finance Director
 Town of Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
BAR HARBOR, MAINE 04609

SHEET #3
SIXTH Revision

PUBLIC FIRE PROTECTION

AVAILABLE:

To the Town of Bar Harbor for Municipal Fire Protection

RATE:

The rate for existing hydrants as installed on the system at January 1, 2016,
shall have an annual charge of

\$585,602 Annually

\$ 146,401 Quarterly

Rate for hydrants installed after January 1, 2016, shall be determined
in accordance with the Public Utilities Commission Rules and Regulations
Chapter 69.

The hydrant rental charge shall not be reduced, should a Town order
one or more hydrants discontinued.

Issued: October 15, 2015
Proposed Effective: January 1, 2016
Effective:
Docket No. 2015 - 00317



Stanley W. Harmon
Finance Director
Town of Bar Harbor Water Division

TOWN OF BAR HARBOR WATER DIVISION
BAR HARBOR, MAINE 04609

SHEET # 4
SIXTH Revision

PRIVATE FIRE PROTECTION

AVAILABLE:

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

RATES:

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

Annual service charge per inch of service pipe diameter.

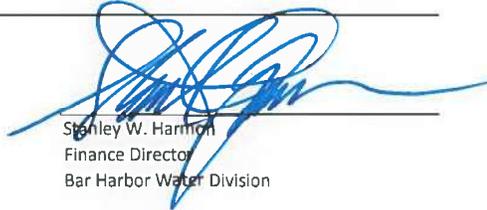
\$ 170

Annual service charge for each private hydrant with service connection furnished, installed and maintained by user for private fire protection.

\$ 1,362

Private protection is billable on April 1st

Issued: October 15, 2015
Proposed Effective: January 1, 2016
Effective:
Docket No. 2015 - 00317



Stanley W. Harmon
Finance Director
Bar Harbor Water Division

FY26 Budget

Debt Service

A Responsibility of the Finance Department

								4098-5910
								#40-2765
Bond Issue F - Public Works Projects: FY10								
*** WATER FUND SHARE ***								
FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Water Fund FY Total	FY	
26	11/1/25	5.00%	0.00	3,279.08	3,279.08			
	5/1/26	5.00%	27,906.98	3,279.08	31,186.06	34,465.14	26	
27	11/1/26	5.00%	0.00	2,581.40	2,581.40			
	5/1/27	5.00%	25,813.95	2,581.40	28,395.35	30,976.75	27	
28	11/1/27	5.00%		1,936.05	1,936.05			
	5/1/28	5.00%	25,813.95	1,936.05	27,750.00	29,686.05	28	
29	11/1/28	5.00%	0.00	1,290.70	1,290.70			
	5/1/29	5.00%	25,813.95	1,290.70	27,104.65	28,395.35	29	
30	11/1/29	5.00%	0.00	645.35	645.35			
	5/1/30	5.00%	25,813.95	645.35	26,459.30	27,104.65	30	
Total Water Fund Share			131,162.78	19,465.16	150,627.94	150,627.94		
Summary of Bond Issue F:								
CIP Fund Share			808,837	86.0%				
Water Fund Share			131,163	14.0%				
Grand Total			\$940,000	100.0%				

~~ Debt Service Continued on Next Page ~~

Debt Service updated at FY24 audit

A Responsibility of the Finance Department

4098-5910

Bond Issue H - Refunding 2011 Duck Brook Pump Station

40-2768

Authorized by Town Meeting Vote 6/2011

Lender: US Bank

<u>Date</u>	<u>Principal</u>	<u>Water</u>	<u>Coupon</u>	<u>Water Interest</u>	<u>Debt Service</u>	<u>FY Total</u>
10/15/2025	130,000	65,546	5.000%	\$ 11,722.65	77,268.65	
4/15/2026				\$ 10,084.00	10,084.00	87,352.65
10/15/2026	140,000	70,588	5.000%	\$ 10,084.00	80,672.00	
4/15/2027				\$ 8,319.30	8,319.30	88,991.30
10/15/2027	125,000	63,025	5.000%	\$ 8,319.30	71,344.30	
4/15/2028				\$ 6,743.68	6,743.68	78,087.98
10/15/2028	130,000	65,546	5.000%	\$ 6,743.68	72,289.68	
4/15/2029				\$ 5,105.03	5,105.03	77,394.70
10/15/2029	140,000	70,588	5.000%	\$ 5,105.03	75,693.03	
4/15/2030				\$ 3,340.33	3,340.33	79,033.35
10/15/2030	145,000	73,109	5.000%	\$ 3,340.33	76,449.33	
4/15/2031				\$ 1,512.60	1,512.60	77,961.93
10/15/2031	150,000	75,630	4.000%	\$ 1,512.60	77,142.60	77,142.60
Total		\$ 484,032		\$ 81,932.50		565,964.50

FY26 Budget

Debt Service

A Responsibility of the Finance Department

Bond Issue I 4098-5910
WATER SYSTEM IMPROVEMENTS: 2012 - SRF #40-2755

Duck Brook Water Pumping Station renovations, water treatment system improvements and main replacements.
 Financed by the Maine Drinking Water Program's State Revolving Loan Fund (SRF), using General Obligation (GO) notes, but is being repaid by the Water Fund from user fees.

Original Principal = \$2,662,957 Lender: Maine Municipal Bond Bank
 Date of Issue: 10/1/2012 Cannont Refinance
 Average Interest Rate = 1.5%
 Payment Dates: October 1 (principal and interest) & April 1 (interest only)

<i>Fiscal Year</i>	<i>Date</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Payment Total</i>	<i>Fiscal Year Total</i>
26	10/01/25	136,277.00	12,741.89	149,018.89	
	04/01/26	0.00	5,212.58	5,212.58	154,231.47
27	10/01/26	137,640.00	12,094.58	149,734.58	
	04/01/27	0.00	4,489.97	4,489.97	154,224.55
28	10/01/27	139,016.00	11,440.77	150,456.77	
	04/01/28	0.00	3,760.13	3,760.13	154,216.90
29	10/01/28	140,406.00	10,780.43	151,186.43	
	04/01/29	0.00	3,023.00	3,023.00	154,209.43
30	10/01/29	141,811.00	10,113.55	151,924.55	
	04/01/30	0.00	2,278.49	2,278.49	154,203.04
31	10/01/30	143,229.00	9,439.94	152,668.94	
	04/01/31	0.00	1,526.53	1,526.53	154,195.47
32	10/01/31	144,660.00	8,759.53	153,419.53	
	04/01/32	0.00	767.07	767.07	154,186.60
33	10/01/32	146,108.00	8,072.47	154,180.47	154,180.47
Totals		1,129,147.00	104,500.93	1,233,647.93	1,233,647.93

~~ Debt Service Continued on Next Page ~~

FY26 Budget

Debt Service

A Responsibility of the Finance Department

Bond Issue L 4098-5910
ROUTE #3 WATER MAINS: FY16 #40-2740

Authorized by Town Meeting Vote @ 6/2/2015 , dated 9/10/2015
 Repaid by Water Rates

Principal = \$ 1,700,000 Lender: Roosevelt & Cross, Inc. & Assoc.
 Interest Rate = 3.30% Avg. TIC: 2.49% after bond premium
 Term in Years = 20 Refinance only after October 2025
 Paying Agent: US Bank St. Paul

<i>Fiscal Year</i>	<i>Due Date</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Payment Total</i>	<i>Fiscal Year Total</i>	
26	10/15/25	85,000.00	15,512.50	100,512.50		5.00%
	04/15/26		13,387.50	13,387.50	113,900.00	
27	10/15/26	85,000.00	13,387.50	98,387.50		5.00%
	04/15/27		11,262.50	11,262.50	109,650.00	
28	10/15/27	85,000.00	11,262.50	96,262.50		2.50%
	04/15/28		10,200.00	10,200.00	106,462.50	
29	10/15/28	85,000.00	10,200.00	95,200.00		3.00%
	04/15/29		8,925.00	8,925.00	104,125.00	
30	10/15/29	85,000.00	8,925.00	93,925.00		3.00%
	04/15/30		7,650.00	7,650.00	101,575.00	
31	10/15/30	85,000.00	7,650.00	92,650.00		3.00%
	04/15/31		6,375.00	6,375.00	99,025.00	
32	10/15/31	85,000.00	6,375.00	91,375.00		3.00%
	04/15/32		5,100.00	5,100.00	96,475.00	
33	10/15/32	85,000.00	5,100.00	90,100.00		3.00%
	04/15/33		3,825.00	3,825.00	93,925.00	
34	10/15/33	85,000.00	3,825.00	88,825.00		3.00%
	04/15/34		2,550.00	2,550.00	91,375.00	
35	10/15/34	85,000.00	2,550.00	87,550.00		3.00%
	04/15/35		1,275.00	1,275.00	88,825.00	
36	10/15/35	85,000.00	1,275.00	86,275.00		3.00%
					86,275.00	
		935,000.00	156,612.50	1,091,612.50	1,091,612.50	

Summary of Bond Issue L:

CIP Fund Share	220,000
Water Fund Share	935,000
Grand Total	1,155,000

~~ Debt Service Continued on Next Page ~~

Town of Bar Harbor, Maine

40-2770, 4098-5910

Bond Issue P (Downtown Infrastructure - Water)

Lender: US Bank

Dated Date 8/15/2023

Delivery Date 8/15/2023

<u>Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Debt Service</u>	<u>FY Total</u>
10/15/2025	245,000	5.000%	113,800	358,800	
4/15/2026			107,675	107,675	466,475
10/15/2026	245,000	5.000%	107,675	352,675	
4/15/2027			101,550	101,550	454,225
10/15/2027	245,000	5.000%	101,550	346,550	
4/15/2028			95,425	95,425	441,975
10/15/2028	245,000	5.000%	95,425	340,425	
4/15/2029			89,300	89,300	429,725
10/15/2029	245,000	5.000%	89,300	334,300	
4/15/2030			83,175	83,175	417,475
10/15/2030	245,000	5.000%	83,175	328,175	
4/15/2031			77,050	77,050	405,225
10/15/2031	245,000	4.000%	77,050	322,050	
4/15/2032			72,150	72,150	394,200
10/15/2032	245,000	4.000%	72,150	317,150	
4/15/2033			67,250	67,250	384,400
10/15/2033	245,000	5.000%	67,250	312,250	
4/15/2034			61,125	61,125	373,375
10/15/2034	245,000	5.000%	61,125	306,125	
4/15/2035			55,000	55,000	361,125
10/15/2035	245,000	5.000%	55,000	300,000	
4/15/2036			48,875	48,875	348,875
10/15/2036	245,000	5.000%	48,875	293,875	
4/15/2037			42,750	42,750	336,625
10/15/2037	245,000	5.000%	42,750	287,750	
4/15/2038			36,625	36,625	324,375
10/15/2038	245,000	5.000%	36,625	281,625	
4/15/2039			30,500	30,500	312,125
10/15/2039	245,000	5.000%	30,500	275,500	
4/15/2040			24,375	24,375	299,875
10/15/2040	245,000	5.000%	24,375	269,375	
4/15/2041			18,250	18,250	287,625
10/15/2041	245,000	5.000%	18,250	263,250	
4/15/2042			12,125	12,125	275,375
10/15/2042	245,000	5.000%	12,125	257,125	
4/15/2043			6,000	6,000	263,125
10/15/2043	240,000	5.000%	6,000	246,000	246,000
	4,650,000		2,172,200	6,822,200	6,822,200

2024 Annual Drinking Water Quality Report

Town of Bar Harbor Water Division

**Bar Harbor, Maine
PWSID ME0090120**

We are pleased to present to you our Annual Drinking Water Quality Report, also known as the Consumer Confidence Report. This report, a requirement of the 1996 amendments to the Safe Drinking Water Act, is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

WATER SOURCE

Bar Harbor's water is drawn from Eagle Lake in Acadia National Park. Our water, which serves a population of 4,625 through 1,850 service connections, is treated with chlorine to protect against potential bacteriological contaminants, fluoride to promote dental health, and lime for pH adjustment for corrosion control. In May 2009, our system added chloramines by means of ammonia for additional treatment in an effort to reduce Disinfection By-Products. Due to the exceptional water quality of our source, our water system has a filtration waiver.

SOURCE WATER ASSESSMENT

The Maine Drinking Water Program (DWP) has evaluated all public water supplies as part of the Source Water Assessment Program (SWAP). The assessments included geology, hydrology, land uses, water testing information, and the extent of land ownership or protection by local ordinance to see how likely our drinking water source is to being contaminated by human activities in the future. Assessment results are available at public water suppliers, town offices, and the DWP. For more information about the SWAP, please contact the DWP at telephone 207-287-2070.

If you have any questions about this report or concerning your water system, please contact Bennett Liscomb at telephone number 207-288-3555 or mailing address 50 Public Works Way, Bar Harbor, ME 04609. We want our valued customers to be informed about their water system. If you want to learn more, please contact us about the time and place of regularly scheduled meetings.

WATER QUALITY

Bar Harbor Water Division routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table shows any detection resulting from our monitoring for the period of January 1st to December 31st, 2024.

The sources of drinking water include rivers, lakes, ponds and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and radioactive material and can pick up substances resulting from human or animal activity. All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and herbicides may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, U.S. Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The table below lists all of the drinking water contaminants that were detected throughout water quality monitoring and testing. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk.

Town of Bar Harbor – Water Division had no violations in 2024

TEST RESULTS					
Unless otherwise noted, testing was done in 2024.					
Contaminant	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Microbiological Contaminants					
Total Coliform Bacteria	0 positive	Highest monthly # of positive samples	0 positive	1 pos/mo or 5% (e. coli)	Naturally present in the environment.
Turbidity+	1.32	ntu	n/a	5	Soil runoff.
+ = Highest monthly reading in 2024					
Chlorine Residual					
Chlorine Residual	Average: 1.56 <i>Range (1.31-1.89)</i>	ppm	MRDLG= 4 ppm	MRDL= 4 ppm	By-product of drinking water chlorination.
Inorganic Contaminants					
Barium (5/15/24)	0.0023	ppm	2	2	Discharge of drilling wastes. Discharge from metal refineries. Erosion of natural deposits.
Fluoride (10/21/2024)	0.8	ppm	4	4	Erosion of natural deposits. Water additive that promotes strong teeth. Discharge from fertilizer and aluminum factories.
Lead / Copper					
Copper* (1/1/21-12/31/23)	0.096 <i>Range (0.0077-0.101)</i>	ppm	1.3	AL=1.3	Corrosion of household plumbing systems.
Number of sampling sites exceeding the action level: 0					
Lead* (1/1/21-12/31/23)	3.4 <i>Range (0-25.3)</i>	ppb	0	AL=15	Corrosion of household plumbing systems.
Number of sampling sites exceeding the action level: 1 - Complete lead tap sampling data are available upon request					
* = Reported results are the 90 th percentile value (the value that 90% of all samples are less than).					
Disinfection By-Products – 2 Schooner Head Road					
HAA5 (2024) [Total Haloacetic Acids]	LRAA = 30.3 <i>(Range 21-36)</i>	ppb	0	60	By-product of drinking water chlorination.
TTHM (2024) [Total Trihalomethanes]	LRAA = 40.3 <i>(Range 28-48)</i>	ppb	0	80	By-product of drinking water chlorination.
Disinfection By-Products – Paradis True Value					
HAA5 (2024) [Total Haloacetic Acids]	LRAA = 29.8 <i>(Range 20-37)</i>	ppb	0	60	By-product of drinking water chlorination.
TTHM (2024) [Total Trihalomethanes]	LRAA = 40 <i>(Range 25-47)</i>	ppb	0	80	By-product of drinking water chlorination.

Note: The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Not all contaminants are tested for every year due to monitoring waivers and therefore we must use the most recent round of sampling. Some of our data is more than one year old, however, is limited to no older than 5 years.

Definitions:

Action Level (AL) - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Locational Running Annual Average (LRAA) - A 12 month rolling average of all monthly or quarterly samples at specific sampling locations. Calculation of the RAA may contain data from the previous year.

Maximum Contaminant Level (MCL) - is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfection Level (MRDL) -The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfection Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Not Applicable (N/A) - Does not apply

Running Annual Average (RAA) - A 12 month rolling average of all monthly or quarterly samples at all locations. Calculations of the RAA may contain data from the previous year.

Secondary Maximum Contaminant Level (SMCL) -Non-mandatory water quality standards.

Treatment Technique (TT) - A required process intended to reduce the level of a contaminant in drinking water (e.g. treatment technique for turbidity).

Variations, Exemptions, and Waivers - State or EPA permission not to meet an MCL, a treatment technique or test for a given contaminant under certain conditions.

Units:

ppm = parts per million or milligrams per liter (mg/L)

pCi/L = picocuries per liter (a measure of radioactivity)

pos = positive samples.

ppb = parts per billion or micrograms per liter (µg/L)

ppt = parts per trillion or nanograms per liter (ng/L)

MFL = million fibers per liter

Notes:

Arsenic - While your drinking water may meet EPA's standard for Arsenic, if it contains between 5 to 10 ppb you should know that the standard balances the current understanding of arsenic's possible health effects against the costs of removing it from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems. Quarterly compliance is based on running annual average.

E. Coli - E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely-compromised immune systems.

Fluoride - For those systems that fluoridate, fluoride levels must be maintained between 0.5 to 1.2 ppm. The optimum level is 0.7 ppm.

Gross Alpha - Action level over 5 pCi/L requires testing for Radium 226 and 228. Action level over 15 pCi/L requires testing for Uranium. Compliance is based on Gross Alpha results minus Uranium results = Net Gross Alpha.

Lead/Copper - Action levels (AL) are measured at consumer's tap. 90% of the tests must be equal to or below the action level.

Nitrate - Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health provider.

PFAS -The degree of risk depends on the level of chemicals and duration of exposure. Laboratory studies of animals exposed to high doses of PFAS have shown numerous negative effects such as issues with reproduction, growth and development, thyroid function, immune system, neurology, as well as injury to the liver. Research is still relatively new, and more needs to be done to fully assess exposure effects on the human body.

Radon - The State of Maine adopted a Maximum Exposure Guideline (MEG) for Radon in drinking water at 4000 pCi/L, effective 1/1/07. If Radon exceeds the MEG in water, treatment is recommended. It is also advisable to test indoor air for Radon.

Total Coliform Bacteria - Reported as the highest monthly number of positive samples, for water systems that take less than 40 samples per month.

TTHM/HAA5 - Total Trihalomethanes and Haloacetic Acids (TTHM and HAA5) are formed as a by-product of drinking water chlorination. This chemical reaction occurs when chlorine combines with naturally occurring organic matter in water. Compliance is based on running annual average.

Turbidity - Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

IMPORTANT INFORMATION

As you can see by the table, our system had no violations. We're proud that your drinking water meets all Federal and State requirements.

Lead and Copper

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Your public water system is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact your public water system. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at:

<http://www.epa.gov/safewater/lead>

Our system completed a Lead Service Line Inventory as required by the Revised Lead and Copper Rule. It is publicly accessible at this location: Town of Bar Harbor Water Division Office, 50 Public Works Way, Bar Harbor Maine 04609.

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

For most people, the health benefits of drinking plenty of water outweigh any possible health risk from these contaminants. However, some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Center of Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791) or at <https://www.epa.gov/ccr/forms/contact-us-about-consumer-confidence-reports>.

We, at Bar Harbor Water Division, work hard to provide top quality water to every tap. We ask that all our customers help us protect and preserve our drinking water resources, which are the heart of our community, our way of life, and our children's future. Please contact us with any questions. Thank you for working together for safe drinking water.

Please share this information with anyone who drinks this water (or their guardians), especially those who may not have received this report directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this report in a public place or distributing copies by hand, mail, email, or another method.