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Memo

To: Dana Reed, Town Manager, Town Councilors

From: Stan Harmon, Finance Director

CC: Chip Reeves, Public Works Director; Jeff Van Trump, Superintendent

Date: 5/16/13

Re: Water Budget Message – FY2014 Water Budget

Summary

You will find attached the proposed budget for FY'14. Revenues are projected to increase 10.0% over the FY2013 budget due to the assumption of the second half implementation of the 18% increase in water rates that went into effect on January 1, 2013. Total operating expenses over the 2013 budget are scheduled to increase by 6.3%. Capital spending is requested at a level of approximately \$932,475; but because of existing bonded monies for previously Town Meeting approved projects being utilized, the *Water Division* will limit capital spending to its own internally generated funds to \$97,200 to cover the minor CIP expenditures. This budget also enables the Water operations to remain at a positive projected cash flow for another year. The fiscal year just ending projects a positive cash flow of approximately \$138,224 due primarily to deferring some discretionary spending such as meter replacements. This budget does reflect certain anticipated operational changes resulting from a future projected move in April 2014 to the Public Works Complex in Hulls Cove. The allocated costs used are taken from the General Fund FY14 budget to show a half year in the new building so that both budgets remain consistent with each other.

Water Rates & Average Customer Bill

A minimum quarterly bill under this budget allowing 1200 cubic feet through a 5/8" meter was adjusted to \$66.55 per quarter on January 1, 2013. Bar Harbor's typical quarterly average household charge for 2000 cubic feet currently is \$97.43, remaining below the average rate of \$108.38 for 15 selected comparable communities. See pages 25-26 for the rate comparisons. It is anticipated that new rates will next be requested in October of 2014 before the *Public Utilities Commission* with an effective date of January 1, 2015. It is unknown what those rate needs would be at that time. For comparison purposes, the current quarterly fees for *wastewater* usage are \$70 (minimum) and \$137 (family), respectively. The minimum charges for water and sewer are closing in on parity; whereas, there is a 42% gap between the two for usage in a typical family.

USDA-Rural Development, the federal organization that provides grant and loan funds for utilities, uses a 2000 cubic feet per quarter standard to compare usage for a typical household among all the utilities. At the current rates, 8000 cubic feet in annual usage totals to \$390 per annum for a family of four in Bar Harbor or \$0.97 per day.

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Volume

This budget assumes a 0% flat change in volume from the FY 13 budget and also no change from the present FY 13 actual. The trend seems to be stabilizing from the previous downtrends since the 2008 recession started; with the primary volume fluctuations due to the Jackson Lab. Page 15 shows the trends of water sales since 2008 in six month rolling averages.

Revenues

The 2014 budget assumes a 10% revenue increase. This estimate is due primarily to the 2nd half year implementation of the 18% January 1st rate increase approved by the PUC. Accordingly, we are showing a 10% increase over the FY2013 budget and 10% over the estimated FY2013 results.

Cost of Service Study

A *cost of service study* to explore the equitable allocation of rates (minimums, seasonal, fire protection, etc.) which was completed by our rate case consultant, *La Capra Associates*, had separate Town Council hearings in the fall of 2012. This study has specifically explored the appropriate levels of the rate steps and the minimums (volume and dollars) for year round and seasonal customers. The study has been a standing request since 2001 by the PUC staff and also later on by the Town Council. Results from this comprehensive document enabled the Town Council to direct staff to explore developing the most equitable rate structure, based upon that study and suggest an implementation period.

Progress has been slow since those hearings as *La Capra Associates* ran some test rates and data to analyze the transition issues (such as phased vs. one jump implementation, final costs, minimum customer charges, etc.) to anticipate issues that are likely to transpire in the process. So far, the consultants have emphasized to staff that expensive litigation will likely result from a full one-time implementation rather than their recommended phased in implementation of the rates due to certain classes of customers being hit hard from the original cost of service study. The end goal seemed to be fair, based upon that study, but the transition may be painful for some of the classes of ratepayers.

The other issue is that our prime consultant on this rate study (and in past rate cases) Barb Stoddard is wrapping up her employment with *La Capra Associates* but she is hopeful to finish the commitments still outstanding, such as Bar Harbor's study. It has been difficult for staff and La Capra to stay on top of this work project due to her other employment.

Operating Expenditures

The proposed FY2013 water budget reflects a 6.3% overall increase in operating expenses over the FY '13 budget year and a 7.2% increase over this past year's estimated final expenses. Payroll and benefits are anticipated to be 3.9% over last year's budget; 3.3% in wage costs and 5.0% for benefits. The budgeted COLA wage increase is 1.7%, which is the same wage adjustment as the General Fund's budgeted increases for non-union employees. There are two individual job wage adjustments included which are

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highlighted on page 14 and deemed necessary due to increased certifications and responsibilities resulting from the supplemental ultraviolet water treatment system that is new; better known as the DuckBrook pump station UV upgrade.

This year, the annual pension payment was \$37,500 to fund the continuing unfunded liability of the old pension plan. This plan was “frozen” in 2002, accruing no additional employee benefits. The plan is presently funded at only 48% of its estimated present value of liabilities and is short by \$166,000 but was underfunded by over \$250,000 just five years ago. With the pending sale of the Water Company office in August of this year, staff will proceed to take some of those sales proceeds and pay off the liability of the Pension Plan and close it out. This means issuing checks to the remaining participants and those monies could then be rolled over into an IRA, or the Plan could purchase annuities for the participants---either way, the pension administration costs, annual funding obligations, the legal fees, the annual federal PBGC fees, the insurance bond costs, annual filings, etc., will eventually go away.

Major increases in projected cash expenses anticipated in FY2014 (line items over \$1500) above last year's budget are as follows:

- Benefits-#5210 Pension Costs, \$2,000 for higher funding of the old underfunded pension plan, as determined by actuarial calculations
- Benefits-#5225 Health Insurance, \$5,000 for higher rates and increased participation
- BHTown Mgt Fees-#5306, \$5,790 for an increased GF allocation calculation
- ContServ-CHL/CO2 Eqpmt-#5336, \$5,400 for new CO2 tank rental
- ContServ-Rental of Bldg-#5364, \$30,283 for new Public Works facility lease in Hulls Cove
- Supplies-CO2-#5426, \$2,000 for lowering or buffering the water PH
- Supplies-Water Treatment-#5428, \$9,000 for costs of expanded and complex water treatment
- Comp. Eqpmnt-#5702, \$3,800 for a laptop and customer portal software to track usage
- Operating Eqpmnt-#5704, \$4,500 for SCADA/Mobile alarm modules & Ditch box spreaders

What Were the Results of Actual FY13 Expenses vs the FY13 Budget?

The Water Division's FY'13 projected actual operating expense results will end up 1% below the 2013 spending budget this year. Some line items with either discretionary spending (such as meter replacements), or due to a late budget approved last fall were underspent to help offset certain unanticipated repairs and expenses necessitated by the DuckBrook upgrade.

Some of the major expense line item variances this past year include; higher pension contribution costs for the old pension plan, higher health insurance costs for participation and costs for the health insurance plan and higher insurance opt out payments to employees that utilize that program, temporary help costs for a medical leave period that was unbudgeted and finally, over \$42,000 in higher than budgeted costs for main repairs and unanticipated expenses for re-locating transmission mains at the DuckBrook project that didn't become known until the project was well underway.

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Old Water Office Building

Brief Recap

The Town Council in 2009 authorized a move into the 49 Park Street building for safety, efficiency and avoidance of necessary extensive capital renovations. It added a directive to either sell or utilize the 337 Main Street building by a date certain. In 2010/2011, a sub-committee attempted to find a paying tenant(s) that would also renovate the building---this effort was unsuccessful. A professional appraisal was performed prior to placing the building up for sale in June of 2012. In April of 2013, a purchase and sale contract was signed and a non-refundable deposit placed in escrow with a final closing scheduled for late August. The selling price for the property was \$410,000 and will also put 335-7 Main Street back on the tax rolls.

The proceeds of the market sale will have to be eventually reconciled so that the *Water Division's* rate payers who have bought and maintained this building over the years be appropriately compensated within any legal and PUC regulatory guidelines. In effect, the net cash proceeds would go to the *Water Division* which would then go to reduce the loan that the General Fund's taxpayers have provided to the *Water Division* in the last few years to fund previous water main construction. As mentioned earlier in this memo, the *Water Division* is planning to use a portion of these cash proceeds to fully fund the old pension plan which will then allow a smooth termination of the plan.

Park Street Lease

This is where the Water Division office is presently located and the 5 year lease runs out at the end October of 2014, so the timing should be just about right for the Water staff and the Public Works Director to be moving from there to the new Public Works complex.

Debt Service

The purchase of the water company (including the new tank) originally cost the water users an average of \$340,000 per year in debt service and was funded by two General Obligation Bonds issued over 20 years, one at 4.54% and one at 2.7%. The first bond was refinanced for lower interest in September of 2011 with only ten years left on the maturity, the effective rate dropped from 4.54% to 2.29%. In May of 2010 another \$600,000 water main bond issue was added to the debt service requirements (interest 3.42%). With the Town Meeting votes on June 7, 2011 and June 7, 2012 that allowed bonding for additional main replacements as well as the Duck Brook pump station and for a federally mandated water treatment upgrade another \$3.9 million has been added to committed debt. \$2.7 million of this amount qualified as eligible for a federal SRF subsidized loan, reducing the effective interest rate of the 20 year bond to 1.5%. With permanent financing in place, the Town Council/PUC approved the higher debt service costs for these bonds to be included in the water rates as recoverable costs, effective with the January 1, 2013, rate increase. In the FY2014 budget, the debt service is projected to be at \$587,000 or 33% of the total revenues presently generated. All current debt is presently fully funded with the existing rate structure.

New Debt—the 5 year CIP spending plan shows another \$3,675,250 in monies that needs to be borrowed for replacement of aging mains. That will likely occur during FY2015, if those future budgets are approved and the Rte 3 DOT project (\$1.7 million) is still a go. The estimated new annual debt service at 4% interest over the next 5 years would likely require a 15% rate increase, just to cover the debt service with perhaps one half of that estimated rate increase occurring two years from now.

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Capital Outlay

The Town has invested \$5,272,479 (\$1,544,541 from the Water and General Funds) on capital improvements since the purchase of the company in 2001. In fiscal year 2013 the Water division spent \$2,563,570 for necessary capital infrastructure investments, mostly for the DuckBrook project. The proposed '14 capital budget requests \$932,475 and is funded by two sources: operating cash flow and bonds that have already been approved at the June 7, 2011 and June 7, 2012 Town Meetings. The Water Division generally averages \$100,000 per year from its own cash flow for capital equipment and small project costs.

For long term planning and borrowing needs, the Public Works Director presented an updated consolidated plan to the Council in December 2012 to better coordinate all capital expenditures over the next 5 years that includes the Combined Sewer Overflow (CSO) Sewer projects, the road and sidewalk improvements and finally, the long term Water Fund improvements, including the Rte #3 DOT upgrade. This five year plan is typically revised annually and breaks out the *Water Division's* CIP, which is included in this budget package.

FY 2013 Capital Spending (CIP) Recap (see PWD's detail discussion on pages 21-22)

Standpipe Maint/Painting (Jax Lab)-\$50,000 – this is the fourth year of an extended contract for proposed maintenance, repairs, OSHA upgrades, inspections, etc., that included painting in FY2011 (10 year life). The \$200,000 in initial painting costs is spread out and paid over four years.

- Page 23 has a spreadsheet of costs and analysis of a comprehensive method to enable the Town to better protect and maintain its tanks. The 45 year old Jackson Lab tank is where this change was first implemented. This program allows staff to move forward to protect the infrastructure (similar to our main replacement program) so that we can reliably extend its useful life and continue to comply with federal safety regulations.

Mains- \$435,275--Coordinate with Town CIP construction (100% Bonded)

UV Conversion, Pump Station and Equipment Conversion - \$400,000—remaining of the construction engineering, water treatment (Federally mandated) work, UV conversion, renovation of pump station, replacement of pumps and installation of SCADA system. (100% Bonded)

Hydrants-\$10,000--Annual hydrants replacement program

Services- \$10,000--Normal service renewals related to main replacements

Vehicles- \$40, 000—Replacement of the 2005 GMC Utility pickup truck (97,000 miles)

Equipment-\$10,000—This is for a spectrophotometer which would allow near instantaneous measurement of certain aspects of water quality sampling to determine UV effectiveness, PH levels, Fluoride levels and Chlorine contact.

Five Year CIP Plan (and its Potential Effect on Rates)

Pages 19 & 20 has staff's listing of requested 5 year capital spending—totaling \$5,114,725. There is \$3,675,250 in main replacements, including the Rte #3 work, that are in the 5 year program which would also require bonding, if approved. This main replacement program requires borrowing @ 4.0% over 20 years and would add another \$274,000 in annual debt service requirements, causing an additional 25% increase in rates by fiscal year 2017. The non-cash depreciation charges would also add to the increase in rates. In summary, all the projects in this 5 year plan that require new bonding will collectively add new

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debt service and depreciation costs that will require approximately a 20% rate increase to be in place by January, 2018.

Working Capital

A conservative method for measuring a healthy working capital formula for a utility that bills in advance is to use 3 months or 25% of annual cash expenses as a suggested requirement, plus the principal of the annual debt service. This target calculates to a \$600,000 estimated requirement as of December 31, 2012. The schedule on page 16 that indicates we are \$584,000 short of the desired healthy level. All available working capital, other than that used for day to day bills, from FY2001 to FY2010 had been directed 100% to capital investment. Since FY2010, however, there has also been a gradual pay down of monies owed to the General Fund. The referenced schedule on page 17 shows that the borrowing from the General Fund peaked at \$836,372 on December 31, 2009 but had decreased each year down to \$593,963 as of December 31, 2012.

Cash Basis

The proposed budget projects a positive net cash flow of \$138,224 in FY2013. This will enable the *Water Division* to continue its slow recovery to pay back its earlier draw down of monies from the *General Fund*. Also, in the five year plan, there is no additional projected drawdown borrowing from the *General Fund*. Cash flow for capital investment in the 11 and ³/₄ years since the water company was purchased by the Town has shown a cumulative net cash out-flow of \$306,565 (see page 18) and this causes much of the borrowing from the *General Fund*.

Summary

This FY2014 budget for the Bar Harbor Water Division specifically recommends the following changes from the FY2013 budget:

- **No rate increase is proposed in this budget**
- **A 10.0% revenue increase is projected for the FY2014 budget year**
- **A 6.3% budgeted increase of operating expenses as a target** (the higher lease costs of the Public Works Complex and expanded water treatment causes over one-half of this estimated increase)
- **Gross CIP expenditures projected at \$932,475 that has no new borrowing**
- **No additional borrowing from the Town's *General Fund* for the fourth year in a row**

Action Requested of Council

To introduce the Water Budget Ordinance, as proposed and schedule a public hearing for June 18, 2013

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 Water Budget

	APY	BTY	ETY	RNY	RNY	RNY	RNY
	Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	\$ Change	% Change	% Change
	6/30/2012	6/30/2013	6/30/2013	6/30/2014	vs. Bgt.'13	vs. Bgt.'13	vs. Est.'13
	FY12 Actual	FY13 Budget	FY13 Estimate	FY14 Budget			

Net Income Statement - SUMMARY PAGE

Operating Revenues	\$ 1,506,474	\$ 1,611,200	\$ 1,606,248	\$ 1,771,700	\$ 160,500	10.0%	10.3%
Operating Expenses:							
Payroll & Benefits	\$ 452,771	\$ 465,987	\$ 472,953	\$ 484,081	\$ 18,094	3.9%	2.4%
Contractual Services	\$ 175,880	\$ 177,138	\$ 174,875	\$ 216,511	\$ 39,373	22.2%	23.8%
Materials & Supplies	\$ 76,812	\$ 96,500	\$ 90,023	\$ 106,100	\$ 9,600	9.9%	17.9%
Utilities & Commodities	\$ 59,559	\$ 61,400	\$ 58,000	\$ 60,300	\$ (1,100)	-1.8%	4.0%
Repairs & Maintenance	\$ 136,465	\$ 134,300	\$ 139,545	\$ 134,900	\$ 600	0.4%	-3.3%
Minor Equipment Purchases	\$ 9,892	\$ 13,700	\$ 5,274	\$ 21,700	\$ 8,000	58.4%	311.5%
Other Miscellaneous Expenses	\$ 31,344	\$ 39,540	\$ 35,138	\$ 37,700	\$ (1,840)	-4.7%	7.3%
Depreciation & Amortization	\$ 205,270	\$ 205,859	\$ 208,011	\$ 208,011	\$ 2,152	1.0%	0.0%
Utility Operating Expenses:	\$ 1,147,993	\$ 1,194,424	\$ 1,183,819	\$ 1,269,303	\$ 74,879	6.3%	7.2%
Net Utility Operating Income	\$ 358,481	\$ 416,776	\$ 422,429	\$ 502,397	\$ 85,621	20.5%	18.9%
Interest Income	\$ 6,380	\$ 2,000	\$ 2,000	\$ 2,000	\$ -		
Non-Utility Income, net of expense	\$ 13,344	\$ 13,000	\$ 13,800	\$ 13,800	\$ 800		
Interest Costs	\$ 124,594	\$ 126,000	\$ 126,000	\$ 137,000	\$ 11,000		
NET INCOME	\$ 253,611	\$ 305,776	\$ 312,229	\$ 381,197	\$ 75,421	24.7%	22.1%

Conversion to Cash Basis:

Add back: Depreciation & Acqtn. Adjtmnt.	\$ 205,270	\$ 205,859	\$ 208,011	\$ 208,011
Less: Principal Debt Retired	\$ (199,361)	\$ (322,510)	\$ (271,227)	\$ (449,984)
Plus: Unfunded Pension Adjustment	\$ -	\$ -	\$ -	\$ -
Cash Available for C.I.P.	\$ 259,520	\$ 189,125	\$ 249,013	\$ 139,224
Less: Capital Expenditures (From Internal Funds)	\$ (112,258)	\$ (112,500)	\$ (110,789)	\$ (97,200)

Net Cash Generation (Drawdown)

	\$ 147,262	\$ 76,625	\$ 138,224	\$ 42,024
Consumption				
Volume: ('000's cubic feet)	31,807	33,000	33,080	33,080
				0.2%
				0.0%

Town of Bar Harbor
 FY 2014
 Water Budget

	APY	BTY	ETY	RNY	RNY	RNY	RNY	RNY	RNY
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	\$ Change	% Change	% Change	% Change	% Change
	6/30/2012	6/30/2013	6/30/2013	6/30/2014	vs. Bgt.'13	vs. Bgt.'13	vs. Bgt.'13	vs. Est.'13	vs. Est.'13
	FY12 Actual	FY13 Budget	FY13 Estimate	FY14 Budget					
Revenues									
Revenues: Misc. Non Operational									
4098 4924	\$ 12,439	\$ 10,000	\$ 10,000	\$ 10,000	\$ -				
4700	\$ 6,380	\$ 2,000	\$ 2,000	\$ 2,000	\$ -				
4926	\$ -	\$ -	\$ -	\$ -	\$ -				
4928	\$ -	\$ -	\$ -	\$ -	\$ -				
	\$ 18,819	\$ 12,000	\$ 12,000	\$ 12,000	\$ -		0%		0.0%
PUC Regulated Revenues:									
4098 4704	\$ 1,948	\$ 1,700	\$ 1,700	\$ 1,700	\$ -		0.0%		0.0%
4900	\$ 432,126	\$ 455,000	\$ 439,000	\$ 504,000	\$ 49,000	10.8%	14.8%		14.8%
4902	\$ 419,772	\$ 448,000	\$ 439,000	\$ 493,000	\$ 45,000	10.0%	12.3%		12.3%
4904	\$ 111,667	\$ 114,000	\$ 128,000	\$ 128,000	\$ 14,000	12.3%	0.0%		0.0%
4906	\$ 48,254	\$ 51,000	\$ 49,000	\$ 56,000	\$ 5,000	9.8%	14.3%		14.3%
4920	\$ 402,968	\$ 443,000	\$ 441,718	\$ 480,000	\$ 37,000	8.4%	8.7%		8.7%
4922	\$ 88,838	\$ 96,000	\$ 106,645	\$ 106,000	\$ 10,000	10.4%	-0.6%		-0.6%
4938	\$ 901	\$ 2,500	\$ 1,185	\$ 3,000	\$ 500	20.0%	153.2%		153.2%
	\$ 1,506,474	\$ 1,611,200	\$ 1,606,248	\$ 1,771,700	\$ 160,500	10.0%	10.3%		10.3%
Subtotal-PUC Regulated Revenues									
	\$ 1,525,293	\$ 1,623,200	\$ 1,618,248	\$ 1,783,700	\$ 160,500	9.9%	10.2%		10.2%
Total Water Revenues									

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	APY Actual Last Yr. 6/30/2012 FY12 Actual	BTY Budget This Yr. 6/30/2013 FY13 Budget	ETY Estimate This Yr. 6/30/2013 FY13 Estimate	RNY Request Next Yr. 6/30/2014 FY14 Budget	RNY \$ Change vs. Bgt.'13	RNY % Change vs. Bgt.'13	RNY % Change vs. Est.'13
Expenses							
49 - NON OPERATING EXPENSES:							
4098- 6002	\$ (8,429)	\$ (8,000)	\$ (8,800)	\$ (8,800)	\$ (800)		
6016	\$ 864	\$ -	\$ -	\$ -	\$ -		
6018	\$ -	\$ -	\$ -	\$ -	\$ -		
6020	\$ 6,660	\$ 5,000	\$ 5,000	\$ 5,000	\$ -		
	\$ (905)	\$ (3,000)	\$ (3,800)	\$ (3,800)	\$ (800)	26.7%	0.0%
51 - WAGES:							
4098- 5100	\$ 69,123	\$ 71,197	\$ 71,000	\$ 72,408	\$ 1,211	1.7%	2.0%
5105	\$ 190,380	\$ 198,242	\$ 198,000	\$ 204,723	\$ 6,481	3.3%	3.4%
5110	\$ 35,870	\$ 37,748	\$ 37,000	\$ 38,850	\$ 1,102	2.9%	5.0%
5165	\$ (4,639)	\$ (6,000)	\$ (5,000)	\$ (5,000)	\$ 1,000	-16.7%	0.0%
	\$ 290,734	\$ 301,187	\$ 301,000	\$ 310,981	\$ 9,794	3.3%	3.3%
Total Salaries & Wages-Operations:							
52 - PAYROLL BENEFITS:							
4098- 5160	\$ 3,591	\$ 4,000	\$ 3,800	\$ 4,000	\$ -	0.0%	5.3%
5162	\$ -	\$ -	\$ -	\$ -	\$ -		
5200	\$ 21,691	\$ 23,000	\$ 22,500	\$ 23,000	\$ -	0.0%	2.2%
5210	\$ 45,347	\$ 46,000	\$ 49,000	\$ 48,000	\$ 2,000	4.3%	-2.0%
5212	\$ -	\$ -	\$ -	\$ -	\$ -		
5215	\$ 7,903	\$ 8,000	\$ 7,800	\$ 8,000	\$ -	0.0%	2.6%
5220	\$ 1,519	\$ 1,600	\$ 1,520	\$ 1,600	\$ -	0.0%	5.3%
5225	\$ 74,849	\$ 75,000	\$ 78,000	\$ 80,000	\$ 5,000	6.7%	2.6%
5230	\$ 7,671	\$ 7,800	\$ 9,500	\$ 8,800	\$ 1,000	12.8%	-7.4%
5245	\$ 622	\$ 600	\$ 933	\$ 900	\$ 300	50.0%	-3.5%
5270	\$ (1,156)	\$ (1,200)	\$ (1,100)	\$ (1,200)	\$ -	0.0%	9.1%
	\$ 162,037	\$ 164,800	\$ 171,953	\$ 173,100	\$ 8,300	5.0%	0.7%
Total PAYROLL BENEFITS:							

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	APY Actual Last Yr. 6/30/2012 FY12 Actual	BTY Budget This Yr. 6/30/2013 FY13 Budget	ETY Estimate This Yr. 6/30/2013 FY13 Estimate	RNY Request Next Yr. 6/30/2014 FY14 Budget	RNY \$ Change vs. Bgt.'13	RNY % Change vs. Bgt.'13	RNY % Change vs. Est.'13
4098- 53 - CONTRACTUAL SERVICES:							
5304 Cont Srv-Auditing/Accounting	\$ 1,750	\$ 1,800	\$ 1,900	\$ 1,900	\$ 100	6%	0%
5306 Cont Srv-BH Town Mgt Services	\$ 59,290	\$ 64,911	\$ 64,911	\$ 70,701	\$ 5,790	9%	9%
5308 Cont Srv-Billing Processing	\$ 566	\$ 1,400	\$ 1,200	\$ 1,200	\$ (200)	-14%	0%
5310 Cont Srv-Building Cleaning/Pest control	\$ 3,720	\$ 4,000	\$ 4,000	\$ 4,000	\$ -	0%	0%
5314 Cont Srv-Copier Equipment	\$ 485	\$ 520	\$ 485	\$ 520	\$ -	0%	7%
5315 Cont Srv-Courier Services- Wtr Samples	\$ 6,630	\$ 7,300	\$ 7,200	\$ 7,300	\$ 100	1%	1%
5326 Cont Srv-Engineering & Surveying	\$ 7,594	\$ 5,000	\$ 4,000	\$ 4,500	\$ (500)	-10%	13%
5332 Cont Srv-Generator Maintenance	\$ 311	\$ 640	\$ 312	\$ 640	\$ -	0%	105%
5334 Cont Srv-C.O.S. Study & Pension Mgt Fees	\$ 27,888	\$ 20,000	\$ 19,000	\$ 18,000	\$ (2,000)	-10%	-5%
5336 Cont Srv-Chlorine & CO2 Equipment	\$ 2,475	\$ 2,600	\$ 2,200	\$ 8,000	\$ 5,400	208%	264%
5340 Cont Srv-Legal Fees	\$ 825	\$ 800	\$ 500	\$ 800	\$ -	0%	60%
5348 Cont Srv-Mowing	\$ 2,040	\$ 2,200	\$ 2,100	\$ 2,200	\$ -	0%	5%
5360 Cont Srv-Printing of Reports	\$ 342	\$ 700	\$ 600	\$ 700	\$ -	0%	17%
5362 Cont Srv-E.Lake Public Safety Patrol	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
5364 Cont Srv-Rental of Land/Bldg	\$ 20,800	\$ 21,600	\$ 21,600	\$ 51,883	\$ 30,283	140%	140%
5368 Cont Srv-Comp Lic & Suppt	\$ 6,167	\$ 6,167	\$ 6,167	\$ 6,167	\$ -	0%	0%
5372 Cont Srv-Stampipe Cleaning/Inspections	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
5374 Cont Srv-Tank Maintenance	\$ 26,000	\$ 26,500	\$ 26,500	\$ 27,000	\$ 500	2%	2%
5376 Cont Srv-Temporary Help	\$ -	\$ -	\$ 2,200	\$ -	\$ -	-	-100%
5384 Cont Srv-Testing Water Samples (incl postg)	\$ 7,630	\$ 8,800	\$ 8,000	\$ 8,800	\$ -	0%	10%
5388 Cont Srv-Uniform Cleaning/Rental	\$ 1,367	\$ 2,200	\$ 2,000	\$ 2,200	\$ -	0%	10%
Total CONTRACTUAL SERVICES	\$ 175,880	\$ 177,138	\$ 174,875	\$ 216,511	\$ 39,373	22%	23.8%
4098 54 - MATERIALS & SUPPLIES:							
5410 Supplies-Clothing, Uniforms, Boots	\$ 1,401	\$ 1,700	\$ 1,775	\$ 1,700	\$ -	0%	-4%
5412 Supplies-Copier & Computers	\$ 247	\$ 600	\$ 1,138	\$ 600	\$ -	0%	-47%
5418 Supplies-Forms, Checks & Misc	\$ 705	\$ 1,600	\$ 1,000	\$ 1,600	\$ -	0%	60%
5423 Supplies-Ammonia	\$ 2,840	\$ 4,000	\$ 3,500	\$ 4,000	\$ -	0%	14%
5424 Supplies-Chlorine	\$ 34,015	\$ 40,400	\$ 38,000	\$ 39,500	\$ (900)	-2%	4%
5425 Supplies-Flouride	\$ 7,252	\$ 12,000	\$ 9,000	\$ 11,000	\$ (1,000)	-8%	22%
5426 Supplies-CO2	\$ -	\$ 3,000	\$ 3,000	\$ 5,000	\$ 2,000	67%	67%
5427 Supplies-Lime	\$ 11,900	\$ 13,300	\$ 12,000	\$ 13,300	\$ -	0%	11%
5428 Supplies-Water Treatment	\$ -	\$ 3,000	\$ 4,975	\$ 12,000	\$ 9,000	300%	141%
5436 Supplies-Office	\$ 1,668	\$ 2,200	\$ 2,100	\$ 2,200	\$ -	0%	5%
5438 Supplies-Operating	\$ 10,638	\$ 8,600	\$ 6,900	\$ 8,600	\$ -	0%	25%
5444 Supplies-Safety Supplies	\$ 4,116	\$ 2,500	\$ 2,835	\$ 2,800	\$ 300	12%	-1%
5458 Supplies-Vehicle	\$ 2,030	\$ 3,600	\$ 3,800	\$ 3,800	\$ 200	6%	0%
Total MATERIAL & SUPPLIES:	\$ 76,812	\$ 96,500	\$ 90,023	\$ 106,100	\$ 9,600	10%	18%

Town of Bar Harbor
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4098	APY Actual Last Yr. 6/30/2012 FY12 Actual	BTY Budget This Yr 6/30/2013 FY13 Budget	ETY Estimate This Yr 6/30/2013 FY13 Estimate	RNY Request Next Yr 6/30/2014 FY14 Budget	RNY \$ Change vs. Bgt.'13	RNY % Change vs. Bgt.'13	RNY % Change vs. Est.'13
	\$ 13,504	\$ 13,600	\$ 13,600	\$ 14,000	\$ 400	3%	3%
	\$ 9,240	\$ 9,600	\$ 7,600	\$ 8,000	\$(1,600)	-17%	5%
	\$ 13,814	\$ 14,000	\$ 14,000	\$ 14,000	-	0%	0%
	\$ 3,537	\$ 4,000	\$ 3,000	\$ 3,000	\$(1,000)	-25%	0%
	\$ 12,550	\$ 12,500	\$ 12,500	\$ 13,000	\$ 500	4%	4%
	\$ 30	\$ 500	\$ 500	\$ 1,000	\$ 500	100%	100%
	\$ 1,564	\$ 1,600	\$ 1,600	\$ 1,600	-	0%	0%
	\$ 4,136	\$ 4,400	\$ 4,000	\$ 4,400	-	0%	10%
	\$ 1,184	\$ 1,200	\$ 1,200	\$ 1,300	\$ 100	8%	8%
	\$ 59,559	\$ 61,400	\$ 58,000	\$ 60,300	\$(1,100)	-2%	4%
	\$ 3,227	\$ 3,000	\$ 3,000	\$ 3,000	-	0%	0%
	\$ 2,798	\$ 2,500	\$ 2,500	\$ 2,500	-	0%	0%
	\$ 10,378	\$ 8,000	\$ 8,569	\$ 8,000	-	0%	-7%
	\$ 34,251	\$ 35,000	\$ 77,875	\$ 35,000	-	0%	-55%
	\$ 61,539	\$ 63,000	\$ 25,000	\$ 63,000	-	0%	152%
	\$ 4,092	\$ 3,600	\$ 3,000	\$ 3,600	-	0%	20%
	\$ 1,849	\$ 2,200	\$ 3,032	\$ 2,800	\$ 600	27%	-8%
	\$ 15,770	\$ 11,000	\$ 10,500	\$ 11,000	-	0%	5%
	\$ -	\$ 500	\$ 1,569	\$ 500	-	0%	-68%
	\$ 2,561	\$ 5,500	\$ 4,500	\$ 5,500	-	0%	22%
	\$ 136,465	\$ 134,300	\$ 139,545	\$ 134,900	\$ 600	0%	-3%
	\$ 1,722	\$ 7,500	\$ 2,074	\$ 7,200	\$(300)	-4%	247%
	\$ -	\$ -	\$ -	\$ 3,800	\$ 3,800		
	\$ 8,170	\$ 6,200	\$ 3,200	\$ 10,700	\$ 4,500	73%	234%
	\$ 9,892	\$ 13,700	\$ 5,274	\$ 21,700	\$ 8,000	58%	311%

55 - UTILITIES & COMMODITIES:

56 - REPAIRS & MAINTENANCE

57 - EQUIPMENT PURCHASES

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 Water Budget

	APY Actual Last Yr. 6/30/2012 FY12 Actual	BTY		ETY		RNY		RNY \$ Change vs. Bgt.'13	RNY % Change vs. Bgt.'13	RNY % Change vs. Est.'13
		Budget This Yr 6/30/2013 FY13 Budget	Estimate This Yr 6/30/2013 FY13 Estimate	Request Next Yr 6/30/2014 FY14 Budget	\$ Change vs. Bgt.'13					
4098 58 - OTHER-INS, TRVL, ADV, MISC:										
5800 Advertising	\$ 1,726	\$ 2,100	\$ 1,995	\$ 2,100	\$ -	\$ 2,100	\$ -	0%	5%	
5802 Uncollectible Customer Accts	\$ 800	\$ 1,000	\$ 500	\$ 1,000	\$ -	\$ 1,000	\$ -	0%	100%	
5808 Dues-Licenses & Other	\$ 3,515	\$ 3,700	\$ 3,700	\$ 3,700	\$ -	\$ 3,700	\$ -	0%	0%	
5822 Insurance-General & Pub Off. Liab.	\$ 4,416	\$ 4,700	\$ 4,697	\$ 4,700	\$ -	\$ 4,700	\$ -	0%	0%	
5824 Insurance-Property & Casualty	\$ 4,012	\$ 3,900	\$ 3,610	\$ 3,900	\$ -	\$ 3,900	\$ -	0%	8%	
5826 Insurance-Vehicle Coll./Liab.	\$ 1,508	\$ 1,600	\$ 1,568	\$ 1,600	\$ -	\$ 1,600	\$ -	0%	2%	
5832 Permits & Fees	\$ 502	\$ 500	\$ 500	\$ 500	\$ -	\$ 500	\$ -	0%	0%	
5836 Postage & Shipping Costs	\$ 1,850	\$ 2,800	\$ 2,200	\$ 2,600	\$ (700)	\$ 2,600	\$ (200)	-7%	18%	
5840 Regulatory Assessments	\$ 5,595	\$ 8,700	\$ 7,200	\$ 8,000	\$ (700)	\$ 8,000	\$ (700)	-8%	11%	
5844 Training, Workshops, Etc.	\$ 904	\$ 2,100	\$ 2,000	\$ 2,100	\$ -	\$ 2,100	\$ -	0%	5%	
5846 Travel, Rooms, Miles & Meals	\$ 677	\$ 2,600	\$ 1,800	\$ 2,600	\$ -	\$ 2,600	\$ -	0%	44%	
6008 Rate Case Amortization	\$ 5,839	\$ 5,840	\$ 5,368	\$ 4,900	\$ (940)	\$ 4,900	\$ (940)	-16%	-9%	
Total OTHER-INS, TRAVL, ADV, MISC	\$ 31,344	\$ 39,540	\$ 35,138	\$ 37,700	\$ (1,840)	\$ 37,700	\$ (1,840)	-5%	7%	
4098 59 - UNCLASSIFIED										
5910 Debt Service-Interest	\$ 124,594	\$ 126,000	\$ 126,000	\$ 130,000	\$ 4,000	\$ 130,000	\$ 4,000	3%	3%	
Total Debt Service-Interest	\$ 124,594	\$ 126,000	\$ 126,000	\$ 130,000	\$ 4,000	\$ 130,000	\$ 4,000	3%	3%	
4098 60 - DEPRECIATION & AMORT:										
6000 Amortization-Acquisition Adjustment	\$ 70,124	\$ 70,124	\$ 70,124	\$ 70,124	\$ -	\$ 70,124	\$ -	0%	0%	
6006 Amortization-Debt Expenses	\$ 19,937	\$ 759	\$ 759	\$ 759	\$ -	\$ 759	\$ -	0%	0%	
4610 Amortization of Prem. On Debt	\$ (16,989)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	0%	
6009 Amortization of Bldg Lease Imprvrnmts	\$ 14,332	\$ 14,976	\$ 14,328	\$ 14,328	\$ (648)	\$ 14,328	\$ (648)	0%	0%	
6012 Depreciation-	\$ 109,437	\$ 112,000	\$ 114,000	\$ 114,000	\$ 2,000	\$ 114,000	\$ 2,000	2%	2%	
6014 Depreciation-Cont In Aid of Construction	\$ 8,429	\$ 8,000	\$ 8,800	\$ 8,800	\$ 800	\$ 8,800	\$ 800	10%	10%	
Total Depreciation & Amortization Exps:	\$ 205,270	\$ 205,859	\$ 208,011	\$ 208,011	\$ 2,152	\$ 208,011	\$ 2,152	1%	0%	

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 Water Budget

	APY	BTY	ETY	RNY	RNY	RNY	RNY
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	\$ Change	% Change	% Change
	6/30/2012	6/30/2013	6/30/2013	6/30/2014	vs. Bgt.'13	vs. Bgt.'13	vs. Est.'13
	FY12 Actual	FY13 Budget	FY13 Estimate	FY14 Budget			
Capital Expenditures							
6912	\$ -	\$ -	\$ -	\$ 10,000			
6902	\$ 50,000	\$ 50,000	\$ 50,000	\$ 27,200			
6910	\$ 13,297	\$ -	\$ -	\$ -			
6914	\$ -	\$ 7,500	\$ 7,500	\$ -			
6916	\$ 67,042	\$ 2,670,000	\$ 2,254,211	\$ 400,000			
6918	\$ 44,703	\$ 10,000	\$ 10,000	\$ 10,000			
6922	\$ 76,941	\$ 944,900	\$ 196,859	\$ 435,275			
6924	\$ -	\$ 35,000	\$ 35,000	\$ -			
6928	\$ 28,469	\$ 10,000	\$ 10,000	\$ 10,000			
6932	\$ 28,854	\$ -	\$ -	\$ 40,000			
2830	\$ -	\$ -	\$ -	\$ -			
	\$ 309,306	\$ 3,727,400	\$ 2,563,570	\$ 932,475	\$ -75%		\$ -64%
	\$ (1,879)	\$ -	\$ (1,711)	\$ -			
	\$ (195,169)	\$ (3,614,900)	\$ (2,451,070)	\$ (835,275)	\$ -14%		\$ -12%
	\$ 112,258	\$ 112,500	\$ 110,789	\$ 97,200			

See Also Page 18 for CIP Cumulative Spending History
 See Also Page 21 for CIP Detail Explanations

Town of Bar Harbor
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 Water Budget

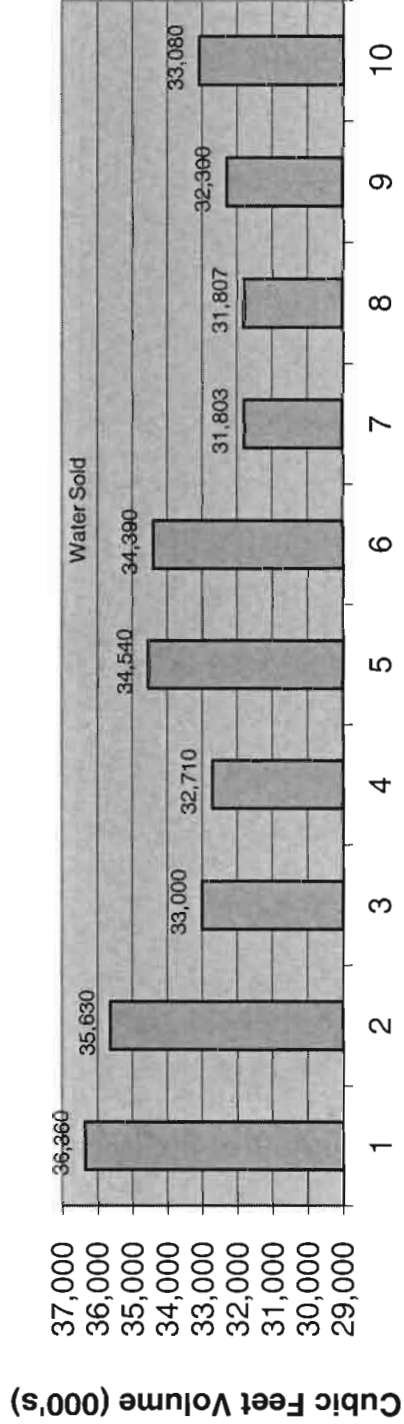
List of Positions - Authorized Wages

A/c #	-base pay-	Present Rate @ 6-30-13	June '13 Base Wage	Proposed 1.7% Rate or Hours 2080	FY14 Proposed Base Wages 1.7%	Proposed FY14 Budget
5100	Superintendent -Salary- Van Trump	\$ 71,198	\$ 71,198		\$ 72,408	\$ 72,408
	Foreman/Lic. Oper.-Tinker	\$ 22.64	\$ 47,091	23.02	\$ 47,892	\$ 47,892
	Office Manager-Warner	\$ 19.36	\$ 40,269	19.69	\$ 40,953	\$ 40,953
	Equip. Operator/Lic. Oper.-Kidder	\$ 19.61	\$ 40,789	19.94	\$ 41,482	\$ 41,482
	Water Maint. Worker-Winslow	\$ 18.05	\$ 37,544	18.36	\$ 38,182	\$ 38,182
	Wage Adjustment - Winslow		\$	0.75	\$ 1,560	\$ 1,560
	Water Maint. Worker-Anderson	\$ 15.89	\$ 33,051	16.16	\$ 33,613	\$ 33,613
	Wage Adjustment - Anderson		\$	0.50	\$ 1,040	\$ 1,040
5105	total wages-hourly		\$ 198,744		\$ 204,723	\$ 204,723
	Scheduled Overtime-Avg. OT rate (3)	\$ 31.03	\$ 23,242	832	\$ 25,817	\$ 25,817
	Unscheduled Overtime-Avg. OT rate (3)	\$ 31.03	\$ 10,476	420	\$ 13,033	\$ 13,033
	Wage Adjustment-OT portion		\$ -		\$ -	\$ -
5110	total wages-overtime		\$ 33,718		\$ 38,850	\$ 38,850
	Totals - Salaries & Wages		\$ 303,660		\$ 315,981	\$ 315,981
	Actual Unscheduled Overtime Hours - CY 2012			332		
	Actual Unscheduled Overtime Hours - CY 2011			491		
	Actual Unscheduled Overtime Hours - CY 2010			306		

Volume - 12 Month Roll Forward Volume Numbers
Cubic Feet (000's)

Dec-08 PUC Yr 1	Jun-09 FY 2	Dec-09 PUC Yr 3	Jun-10 FY 4	Dec-10 PUC Yr 5	Jun-11 FY 6	Dec-11 PUC Yr 7	Jun-12 FY 8	Dec-12 PUC Yr 9	Jun-13 FY 10
36,360	35,630	33,000	32,710	34,540	34,390	31,803	31,807	32,300	33,080
	-2%	-7%	-1%	6%	0%	-7.5%	0.0%	2%	2%
Billed Consumption									
6 Month % Changes									
YTD -(4.5) year % change									
1% average decrease in annual consumption									
Production Water									
55,286									
60,444									
51,160									
50,337									
51,000									
YTD 4 Year % change									
-7.7%									
-9.2%									

Annual Revenue Water - Volume Trends (6 Mo. Intervals)



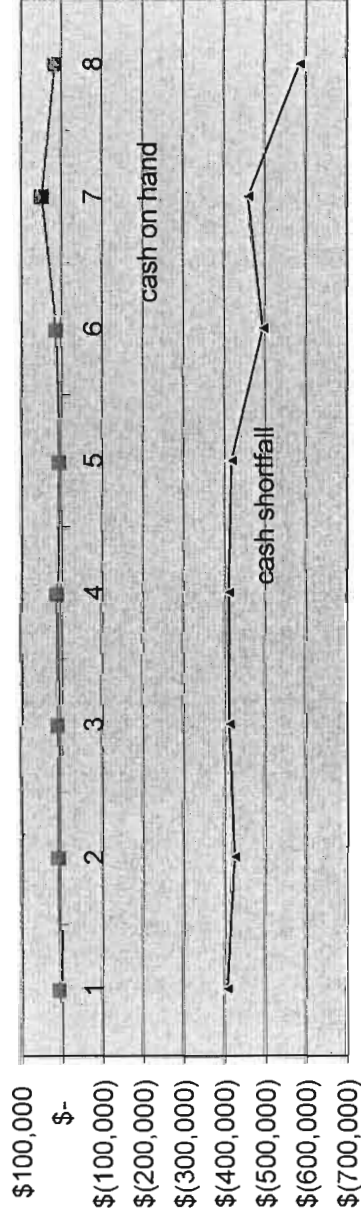
Town of Bar Harbor
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Historical Working Capital

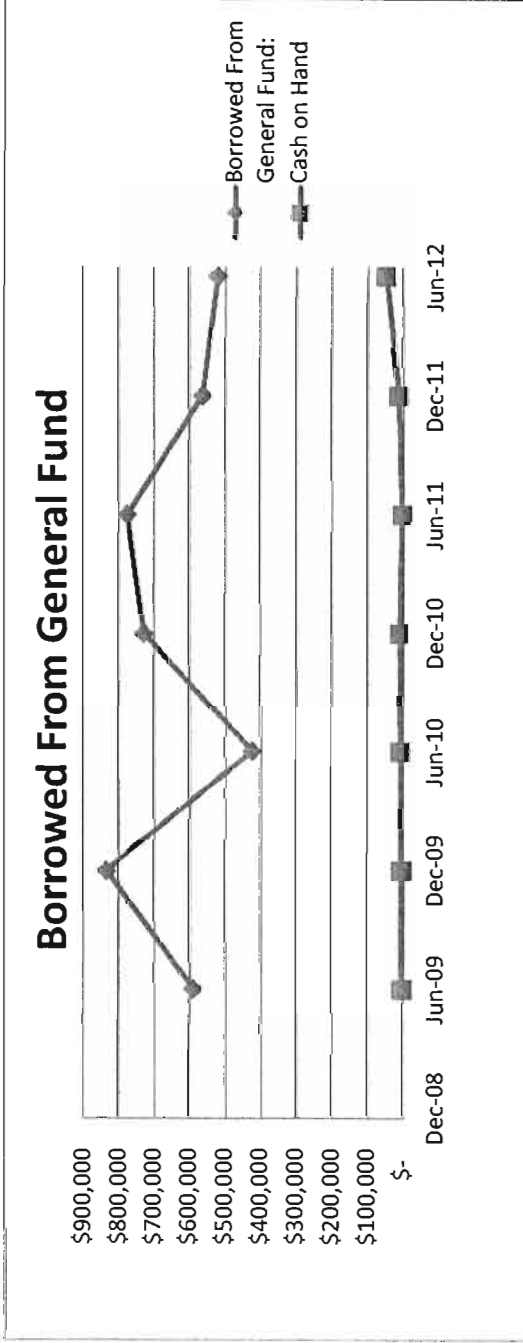
Cash Balances - Working Capital Analysis

	6/30/2009	12/31/2009	6/30/2010	12/31/2010	6/30/2011	12/31/2011	6/30/2012	12/31/2012
Cash on Hand	\$ 3,805	\$ 5,239	\$ 7,143	\$ 11,135	\$ 4,500	\$ 12,960	\$ 49,170	\$ 16,432
Required Working Capital:								
3 Months of Cash Expenses	\$ 212,000	\$ 218,000	\$ 217,000	\$ 220,000	\$ 221,000	\$ 235,000	\$ 236,000	\$ 278,000
Annual debt service (principal)	\$ 196,000	\$ 210,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 271,000	\$ 271,000	\$ 322,000
Cash Required	\$ 408,000	\$ 428,000	\$ 417,000	\$ 420,000	\$ 421,000	\$ 506,000	\$ 507,000	\$ 600,000
Working Capital Shortfall	\$ (404,195)	\$ (422,761)	\$ (409,857)	\$ (408,865)	\$ (416,500)	\$ (493,040)	\$ (457,830)	\$ (583,568)
Borrowed From General Fund:	\$ 591,840	\$ 836,372	\$ 428,015	\$ 729,643	\$ 777,000	\$ 563,967	\$ 521,273	\$ 593,963

Working Capital Requirements



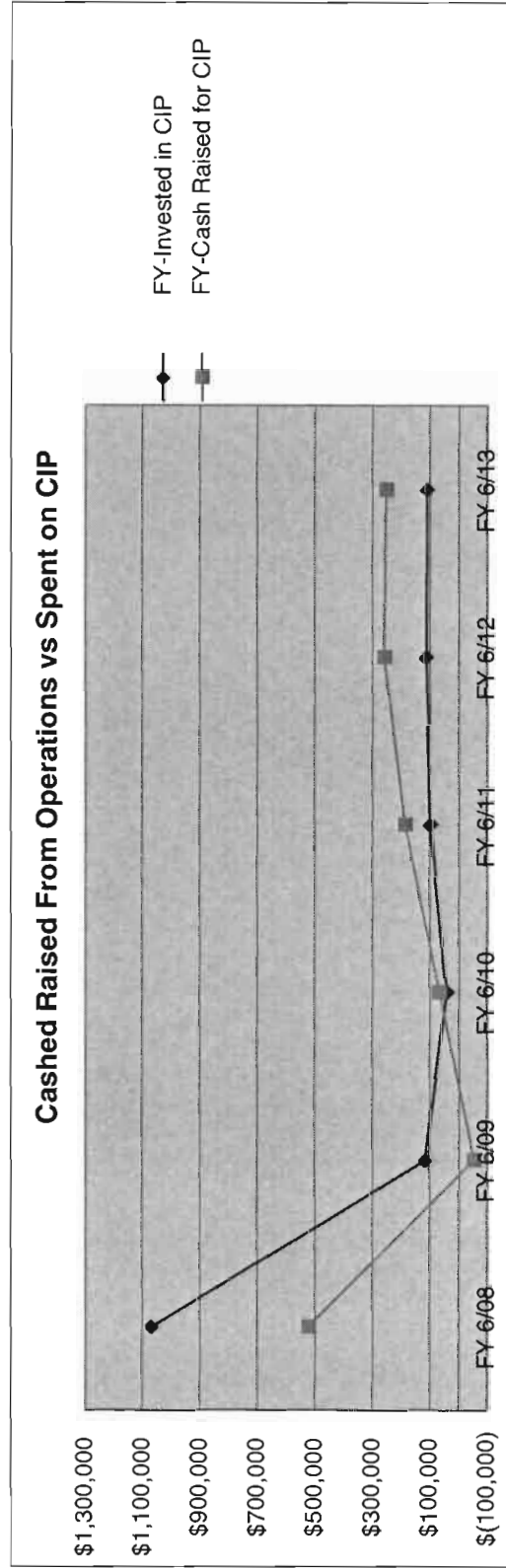
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Cash Generation (working capital) For Capital Investment (CIP)

Fiscal Year	6/30/2008 (6.75 yrs)	6/30/2009	6/30/2010	6/30/2011	6/30/2012	6/30/2013 (est)	11.75 yrs Totals
Cash Generated & Available for Increase of Working Capital or CIP:							
	\$ 522,542	\$ (52,787)	\$ 68,596	\$ 187,892	\$ 259,520	\$ 252,213	\$ 1,237,976
Gross Capital Investment:	\$ 1,172,782	\$ 222,595	\$ 429,230	\$ 574,996	\$ 309,306	\$ 2,563,570	\$ 5,272,479
Less: Paid by Bonds & Other Sources	\$ 106,000	\$ 107,914	\$ 386,817	\$ 477,378	\$ 197,048	\$ 2,452,781	\$ 3,727,938
Internally Generated Cash Used For Capital Expenditures	\$ 1,066,782	\$ 114,681	\$ 42,413	\$ 97,618	\$ 112,258	\$ 110,789	\$ 1,544,541

Net Increase (Decrease) In Working Capital Since Buying Water Co.: \$ (306,565)



FY 2014 Water Budget

5 Year Capital Improvement Program

Year By Year Overview

Acct. No.	Account Description	Age	Year By Year Overview					Total Five Year Spending
			Year One FY14 Funding/Spending	Year Two FY15 Funding/Spending	Year Three FY16 Funding/Spending	Year Four FY17 Funding/Spending	Year Five FY18 Funding/Spending	
Vehicles								
6932	94 Backhoe/Loader	1994				90,000	90,000	
6932	87 Ford Dump Trck-F6000	1987		85,000			85,000	
6932	00 GMC Sierra-2500 (from DPW)	2000					-	
6932	05 GMC Sierra Utili Pickup-2500	2005	40,000				40,000	
6932	11 GMC Sierra Supt Pickup-2500	2011					-	
6932	06 GMC Sierra Pickup-2500	2006			37,000		37,000	
Facilities								
6914	2nd Datamatic Meter Reader	new					-	
1837	Coating-1968 Lab Tank		27,200				27,200	
1837	Standpipe Coating-1936 Steel Tank				65,000	65,000	195,000	
1805	Spectrophotometer	new	10,000				10,000	
1809							-	
Equipment								
6916	Pipe Fusion Machine (Crissy)	1998		20,000			20,000	
6910	14 Starcraft Boat						-	
6926	Mains-Altitude Valve & Jax Vault	1967					-	
6914							-	
6916	Pump Station Upgrade, UV & SCADA	2012 Bond	400,000				400,000	
Mains (Rep = replacement)								
6922	Rep Crooked Road-1380'	2011 Bond	193,075				193,075	
6922	Rep Oliver St.-550'-2" galv	2011 Bond	90,250				90,250	
6922	Rep Ash Place-500' - 1 1/2"	2011 Bond	73,250				73,250	
6922	Rep Shannon Road - 1500'	New Bond			139,300		246,400	
6922	Rep Atlantic Ave - 6" CI -1927- 760'	New Bond		1,700,000			1,700,000	
6922	Rte #3 Project-Coordinate with DOT	New Bond			81,275		81,275	
6922	Rep Des Isle Ave - 2" galv -1937 - 495'	New Bond					-	
6922	Rep Hancock St. - 6" - 1898 - 1800'	New Bond				281,150	281,150	
6922	Rep Center St.-550' - 1 1/2" 1933	2011 Bond	78,700				78,700	
6922	Rep Highbrook Rd.-850' extension	New Bond		116,200			116,200	
6922	New- Barbary Lane - 400'	New Bond		95,950			95,950	
6922	Rep Rodick St. (West to Cottage)-470'	New Bond					-	
6922	Rep Derby Lane - 430'	New Bond			72,450		72,450	
6922	Rep Livingston Road - 6" - 1912	New Bond			182,075		182,075	
6922	Rep Lower Main St. - 2050'	New Bond				343,950	343,950	
6922	Rep	New Bond					-	
6922	Rep Glen Mary Road - 1350'	New Bond				225,450	225,450	
6922	Rep	New Bond					-	
6922	Rep Holland Ave - 1450'	New Bond				191,050	191,050	

5 Year Capital Improvement Program

Year By Year Overview

Acct. No.	Account Description	Age	Year One	Year Two	Year Three	Year Four	Year Five	Total Five Year Spending
			FY14 Funding/Spending	FY15 Funding/Spending	FY16 Funding/Spending	FY17 Funding/Spending	FY18 Funding/Spending	
			-					-
	<i>Mains - subtotal</i>		435,275	1,912,150	475,100	662,900	625,100	4,110,525
6918	Hydrants-from road construction		10,000	10,000	10,000	10,000	10,000	50,000
6928	Services - Rebuild from road const		10,000	10,000	10,000	10,000	10,000	50,000
Totals			932,475	2,037,150	597,100	837,900	710,100	5,114,725

Funded From:	Operations	97,200
	Other adjustments/Reserves	125,000
	20 Year Bonding-new bonds	175,000
	20 Year Bonding-existing	475,100
		662,900
		85,000
		3,675,250
		835,275
		5,114,725

20 Year Bonding- added annual debt service on \$3,675,250 4%-20 yrs \$274,000
 depreciation-mains (75 yrs) \$49,000
 depreciation- equipment \$25,000
 \$348,000
 \$348,000/\$1,772,000 = 20% rate increase over 5 years
 (excludes bond projects already approved that are already in the user rates)

Memo

To: Dana Reed, Town Manager
Cc: Stan Harmon, Finance Director
From: Chip Reeves, Public Works Director
Date: May 13, 2013
Re: Water Division FY 14 Capital Improvement Program Budget

In preparing the FY 14 Capital Improvement Program budget, we have taken the same approach as previous years of utilizing the Consolidated Capital Improvement Work Plan which was updated in 2012 and the concept approved by Council on December 18, 2012.

In the process of developing the work plan we made adjustments as we are falling behind the schedule laid out in the previous plans. We also made adjustments in the schedule to coordinate work with other projects such as the MDOT Route #3 project and Wastewater's CSO Master Plan project.

Descriptions of water related portions of the five year plan are as follows:

Year One - FY 14

Main Replacements –\$435,275

Oliver Street- Unknown installation date for this 2" galvanized main. Work coordinated with road and sidewalk improvements.

Center Street- 1933 installation date of 2" galvanized and 1" copper mains. Work coordinated with road and sidewalk improvements.

Ash Place- Unknown installation date of 2" galvanized and 1" copper mains.

Crooked Road- Intersection of Route 3 to approximately the intersection of Wilcomb Lane.

Year Two - FY 15

Main Replacements-\$1,912,150

Rodick Street (Cottage St to West St)- 1911 installation date for this 8" cast iron pipe. Work coordinated with road and sidewalk improvements.

MDOT Route #3/Ireson Hill- In November of 2010 Council discussed improvements to be coordinated with the MDOT project for the section of the corridor from Ireson Hill to West Street. This work includes replacement of services, hydrants and in-line gate valves as well as main replacement and relocation of mains.

Highbrook Road- Install a new 6" main from where the existing 6" main terminates to the intersection of Eden Street.

Year Three- FY 16

Main Replacement –\$475,100

Des Isle Ave- 1932 installation date of this 2” galvanized pipe. Work coordinated with wastewater, road and sidewalk improvements.

Atlantic Ave- 1927 installation date for this 6” cast iron pipe. Work coordinated with wastewater, road and sidewalk improvements.

Derby Lane- Replace 430 LF of 3” galvanized main from the intersection of Main Street to the intersection of Grason Lane.

Livingstone Road- 1912 installation date for this 6” cast iron pipe. Work coordinated with wastewater, road and sidewalk improvements.

Year Four- FY 17

Main Replacement-\$662,900

Shannon Road- Work coordination with CSO Master Plan implementation.

Holland Ave- Work coordination with CSO Master Plan implementation.

Glen Mary Road- Work coordination with CSO Master Plan implementation.

Year Five- FY 18

Main Replacement –\$625,100

Main Street- Replace approximately 2050 LF of 6” water main from South Street to Cromwell Harbor Road. This work could be coordinated with the Downtown improvement project.

Hancock Street- 1898 installation date for this 6” cast iron pipe. Work coordinated with wastewater, road and sidewalk improvements.

Tanks - Maintenance Programs - Contractual

Full Service Maintenance Program

Cash Outlay	FY2010 Year 1	FY2011 Year 2	FY2012 Year 3	FY2013 Year 4	FY2014 Year 5	FY2015 Year 6	FY2016 Year 7	FY2017 Year 8	FY2018 Year 9	FY2019 Year 10	Totals Year 11
	Ext. & Int. Renovation (Paint & Repairs)	Visual Insp. & Emer Serv	Washout Inspection & Emer Serv	Visual Insp. & Emer Serv	Washout Inspection & Emer Serv	Visual Insp. & Emer Serv	Washout Inspection & Emer Serv	Visual Insp. & Emer Serv	Washout Inspection & Emer Serv	Visual Insp. & Emer Serv	
	\$ 37,472	\$ 50,000	\$ 50,000	\$ 50,000	\$ 12,528	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 200,000
	\$ 11,035	\$ 14,677	\$ 14,677	\$ 14,677	\$ 14,677	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 147,243
	\$ 48,507	\$ 64,677	\$ 64,677	\$ 64,677	\$ 27,205	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 347,243

Jackson Lab Tank

Cost: Painting/Safety Upgrade	\$ 37,472	\$ 50,000	\$ 50,000	\$ 50,000	\$ 12,528						\$ 200,000
Contract Services	\$ 11,035	\$ 14,677	\$ 14,677	\$ 14,677	\$ 14,677	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 147,243
Totals: (Cash)	\$ 48,507	\$ 64,677	\$ 64,677	\$ 64,677	\$ 27,205	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 347,243

Duck Brook Steel Tank

start new maint. contract:											
Painting contract:											
Total Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals: cash paid	\$ 48,507	\$ 64,677	\$ 64,677	\$ 64,677	\$ 27,205	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 542,243
Amortization	\$ 15,000	\$ 22,500	\$ 26,000	\$ 26,500	\$ 27,000						

Annual maint (drain & wash) & graffiti checks, ice damage repairs, OSHA safety upgrades etc., for both interior and exterior

Note: Steel Duckbrook Tank maintenance will be fully budgeted once the Town has successful experience with the full service maintenance program.
Approved Rate structure currently has \$26,500 costs annually which is the estimated amortization, per PUC rules.

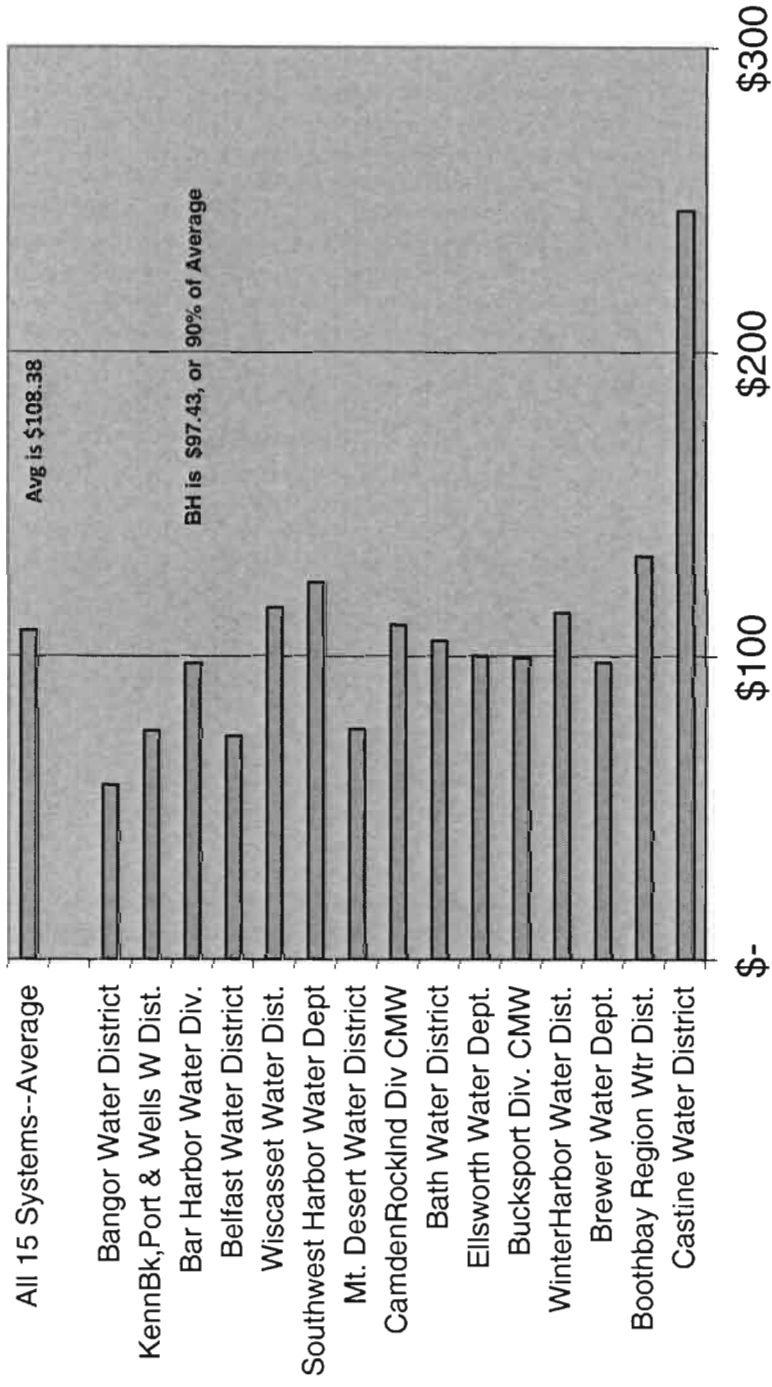
Town of Bar Harbor
 FY 2014
 Water Budget

Calculation of Estimated Rate Increase

	Base- Budget	Adjustments	Pro-Forma
Total Operating Expenses:			
Payroll & Benefits	\$ 484,081		\$ 484,081
Contractual Services	\$ 216,511		\$ 216,511
Materials & Supplies	\$ 106,100		\$ 106,100
Utilities & Commodities	\$ 60,300		\$ 60,300
Repairs & Maintenance	\$ 134,900		\$ 134,900
Minor Equipment Purchases	\$ 21,700		\$ 21,700
Other Miscellaneous Expenses	\$ 37,700		\$ 37,700
Depreciation & Amortization	\$ 208,011	\$ (70,124)	\$ 137,887
	*** a/c#6000		
Utility Operating Expenses:	\$ 1,269,303	\$ (70,124)	\$ 1,199,179
Debt Service: Interest	\$ 137,000		\$ 137,000
Principal	\$ 449,984	-	\$ 449,984
Total Base Expenses for Rates	\$ 1,856,287	\$ (70,124)	\$ 1,786,163
Contingency Allowance: 5%		5%	\$ 89,308
Total Gross Revenue Required:			\$ 1,875,471
Revenues @ current rates:			\$ 1,771,700
			\$ 1,771,700
Estimated Increase in Gross Revenues			\$ 103,771
Estimated Increase of rates needed			5.9%

***eliminate purchase cost of Water Company amortization per PUC order

Water Rate Comparisons - Family Usage @ 2000 CF



Water Rate Comparisons

(USDA std)

Utility Name	Qtr Minimum 1200 CuFt	Qtr - Family 2000 CuFt	Rates Effective	New Est
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Unfiltered Systems:

Brewer Water Dept.	\$ -	\$ 97.77	2008	
Mt. Desert Water District	\$ -	\$ 75.80	2003	
ME Water Co.-Camden	\$ -	\$ 110.38	2012	
Bar Harbor Water Div.	\$ 66.55	\$ 97.43	2013	
Bangor Water District	\$ -	\$ 57.62	2011	

Average Billing

\$ 87.80

BH Rate as a % of Avg. Rate

111%

Filtered Systems:

Castine Water District	\$ -	\$ 246.40	2011	
Boothbay Region Wtr Dist.	\$ -	\$ 132.98	2011	
WinterHarbor Water Dist.	\$ -	\$ 114.20	1999	
ME Water Co-Bucksport	\$ -	\$ 99.29	2012	
Ellsworth Water Dept.	\$ -	\$ 100.10	2008	
Bath Water District	\$ -	\$ 105.02	2011	
Southwest Harbor Water Dept	\$ -	\$ 124.12	2010	
Wiscasset Water Dist.	\$ -	\$ 115.92	2011	
Belfast Water District	\$ -	\$ 73.46	2009	
KennBk,Port & Wells W Dist.	\$ -	\$ 75.21	2010	

Average Billing

\$ 118.67

BH Rate as a % of Avg. Rate

82%

All Systems-Average

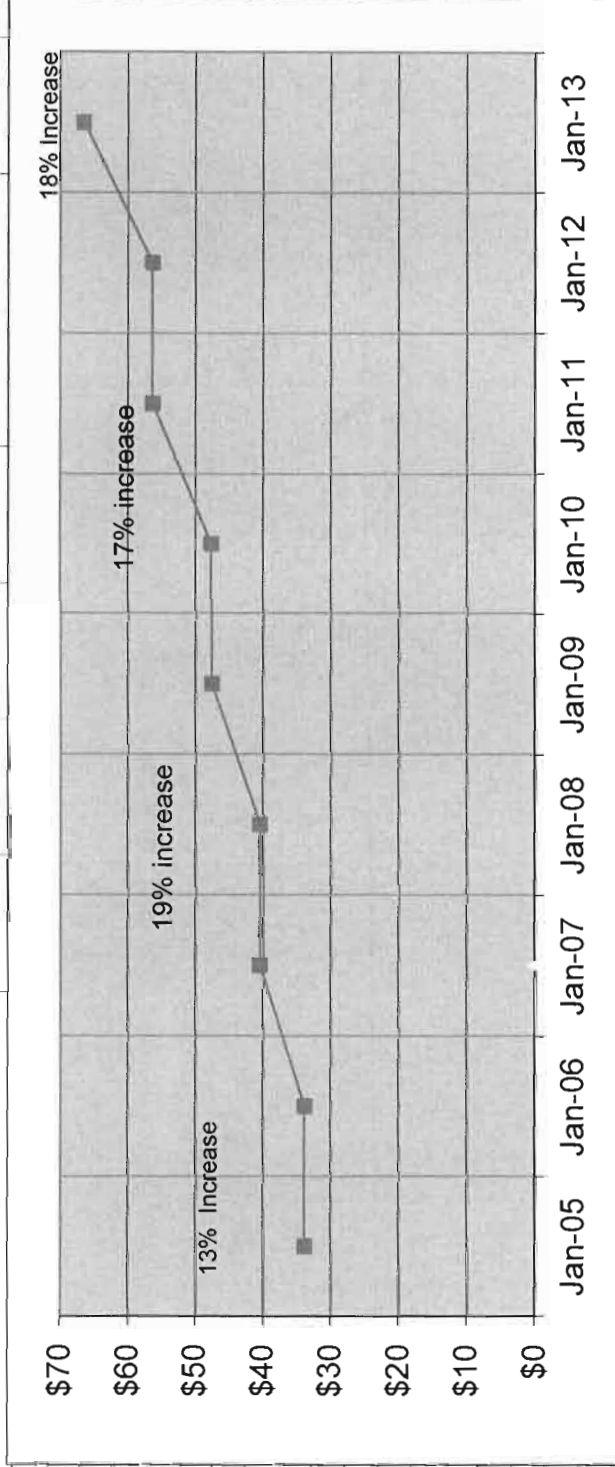
\$ 108.38

BH Rate as a % of Avg. Rate

90%

Town Of Bar Harbor
2014 Water Budget

Rate Increases by Town (on residential users)		History of Quarterly Minimum Water Charges							
Effective Dates		19%	17%	18%	18%	18%			
	1/1/05	1/1/06	1/1/07	1/1/08	1/1/09	1/1/10	1/1/11	1/1/12	1/1/13
Water Minimum Charge	\$ 34.00	\$ 34.00	\$ 40.59	\$ 40.59	\$ 47.70	\$ 47.70	\$ 56.39	\$ 56.39	\$ 66.55
Minimum Allowance	1200	1200	1200	1200	1200	1200	1200	1200	1200
<i>an average of 9% increase per year over the last eight years</i>									



TOWN OF BAR HARBOR WATER DIVISION
Bar Harbor, Maine 04609

SHEET #1
FIFTH REVISION

QUARTERLY AND MONTHLY RATES FOR WATER
TO METERED ANNUAL CUSTOMERS

Quarterly Rate:

For the first	1,200	Cu. Ft. or less	\$	66.55	minimum per quarter
For the next	10,800	Cu. Ft. per quarter	\$	3.86	per 100 cubic feet
For the next	78,000	Cu. Ft. per quarter	\$	1.81	per 100 cubic feet
For all in excess of	90,000	Cu. Ft. per quarter	\$	1.18	per 100 cubic feet

Monthly Rate:

For the first	400	Cu. Ft. per month	\$	22.18	minimum per month
For the next	3,600	Cu. Ft. per month	\$	3.86	per 100 cubic feet
For the next	26,000	Cu. Ft. per month	\$	1.81	per 100 cubic feet
For all in excess of	30,000	Cu. Ft. per month	\$	1.18	per 100 cubic feet

Minimum Charge

For the customer served through a single meter, there will be a Minimum Charge, based on the size of the meter installed:

Size of Meter in Inches	Monthly		Quarterly	
	Allowance	Charge	Allowance	Charge
5/8"	400	\$ 22.18	1,200	\$ 66.55
3/4"	600	\$ 29.92	1,800	\$ 89.75
1"	1,000	\$ 45.38	3,000	\$ 136.13
1-1/2"	2,000	\$ 84.03	6,000	\$ 252.08
2"	3,200	\$ 130.41	9,600	\$ 391.22
3"	6,000	\$ 197.33	18,000	\$ 591.98
4"	10,000	\$ 269.33	30,000	\$ 807.98
6"	20,000	\$ 449.33	60,000	\$ 1,347.98

Issued: 18-Oct-2012
Proposed Effective: 1-Jan-2013
Effective:
Docket No. 2012-00499

//s// Stanley W. Harmon
Stanley W. Harmon
Finance Director, Bar Harbor ME

TOWN OF BAR HARBOR WATER DIVISION
Bar Harbor, Maine 04609

SHEET #2
FIFTH REVISION

**SEASONAL RATES FOR WATER FOR
METERED SEASONAL CUSTOMERS**

Seasonal Rate

For the first	1,600 Cu. Ft. per season	\$ 176.17 per season
For the next	10,400 Cu. Ft. per season	\$ 7.75 per 100 cubic feet
For the next	78,000 Cu. Ft. per season	\$ 3.61 per 100 cubic feet
For the next	300,000 Cu. Ft. per season	\$ 1.81 per 100 cubic feet
For all in excess of	390,000 Cu. Ft. per season	\$ 1.38 per 100 cubic feet

Minimum Charge

<u>Size of Meter Inches</u>	<u>Water Allowance Cubic Feet</u>	<u>Minimum Charge</u>
5/8"	1,600	\$ 176.17
3/4"	2,400	\$ 238.22
1"	4,000	\$ 362.35
1-1/2"	8,000	\$ 672.68
2"	12,800	\$ 1,011.91
3"	24,000	\$ 1,416.67
4"	40,000	\$ 1,994.89
6"	80,000	\$ 3,440.45

Issued: 18-Oct-2012
Proposed Effective: 1-Jan-2013
Effective:
Docket No. 2012-00499

//s// Stanley W. Harmon
Stanley W. Harmon
Finance Director, Bar Harbor ME

**TOWN OF BAR HARBOR WATER DIVISION
Bar Harbor, Maine 04609**

**SHEET #3
FIFTH REVISION**

PRIVATE FIRE PROTECTION

Available:

To customers using the District'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.

Rate:

Each hydrant furnished, installed and maintained by the user for private
fire protection, per year: **\$ 1,190.11**

Private fire service rate for automatic sprinklers, standpipes or hose
connections to be use only for fire protection inside of buildings,
a charge per inch of service pipe diameter, per year: **\$ 148.76**

Issued: 18-Oct-2012
Proposed Effective: 1-Jan-2013
Effective:
Docket No. 2012-00499

//s// Stanley W. Harmon
Stanley W. Harmon
Finance Director, Bar Harbor ME

**TOWN OF BAR HARBOR WATER DIVISION
Bar Harbor, Maine 04609**

**SHEET #4
FIFTH REVISION**

PUBLIC FIRE PROTECTION

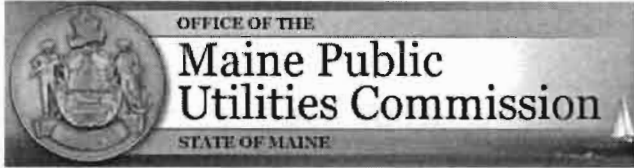
Available: To the Town of Bar Harbor for municipal fire protection.

Rate: For the existing one hundred five (105) hydrants as installed January 1, 2013,
a total annual amount of: **\$ 480,468**

Rates for hydrants installed after January 1, 2013, shall be determined in accordance with Chapter 690 of the Public Utilities Commission's Rules and Regulations.

Issued: 18-Oct-2012
Proposed Effective: 1-Jan-2013
Effective:
Docket No. 2012-00499

//s// Stanley W. Harmon
Stanley W. Harmon
Finance Director, Bar Harbor ME



Water Rates

Utility Name	Quarterly Rates					Ownership Code	Annual Flat Rate	Rates Effective	DocketNumber
	1200 cu. ft.	2000 cu.ft.	4000 cu.ft.	50,000 cu.ft.	150,000 cu.ft.				
Addison Point Water District	-	-	-	-	-	1	390.00	10/1/08	2008-144
Alfred Water District	97.13	155.29	300.69	2536.89	7056.89	1	None	1/1/10	2009-357
Allen Water Company	-	-	-	-	-		102.00	4/8/81	1981-017
Andover Water District	106.26	140.50	226.10	2194.90	6474.90	1	425.04	7/1/00	2000-234
Anson Water District	72.00	90.64	137.24	742.64	2012.64	1	None	1/1/09	2008-430
Aqua Maine, Bucksport Division	72.59	99.29	162.07	1374.93	3916.33	2	None	6/1/06	2006-162
Aqua Maine, Camden Division	70.92	89.93	137.46	810.02	1980.72	2	None	9/15/09	2009-155
Aqua Maine, Freeport Division	61.12	80.28	128.20	1190.46	3468.26	2	None	2/1/04	2004-001
Aqua Maine, Greenville Division	83.62	116.85	197.39	2035.04	5960.52	2	None	6/1/06	2006-163
Aqua Maine, Hartland Division	102.58	128.90	194.71	1566.88	4242.18	2	None	11/1/07	2007-353
Aqua Maine, Kezar Falls Division	102.39	126.27	185.97	1559.07	4544.07	2	None	11/1/07	2007-354
Aqua Maine, Millinocket Division	68.99	86.45	150.01	1476.71	4256.21	2	None	6/1/07	2006-021
Aqua Maine, Oakland Division	82.17	100.81	147.41	1164.70	3332.80	2	None	2/1/04	2004-001
Aqua Maine, Skowhegan Division	57.65	79.21	131.59	1257.37	3689.37	2	None	8/1/08	2008-160
Ashland Water & Sewer District	57.65	87.25	161.25	1863.25	5563.25	1	None	1/1/97	1996-464

Auburn Water District	28.35	42.67	78.47	757.17	2107.17	1	None	1/1/08	2007-466
Augusta Water District	76.03	104.03	174.03	1784.03	5284.03	1	None	2/1/03	2002-641
Baileyville Utilities District	58.03	78.64	121.09	633.83	1616.33	1	None	10/1/09	2009-135
Bangor Water District	35.91	51.91	91.91	942.31	2702.31	1	194.93	7/1/09	2009-131
Bar Harbor Water Department	47.70	69.86	125.26	837.06	1863.06	1	None	1/1/09	2008-418
Bath Water District	65.99	84.47	130.67	1193.27	3329.27	1	None	4/1/07	2006-368
Belfast Water District	58.50	73.46	110.86	971.06	2841.06	1	None	10/1/09	2009-230
Berwick Water Department	81.29	112.09	189.09	1178.09	3188.09	1	None	7/1/08	2008-149
Bethel Water District	78.63	107.67	180.27	1091.51	2961.51	1	253.60	10/1/08	2008-181
Biddeford & Saco Water Company	31.20	41.56	67.46	452.79	1048.55	2	124.94	8/29/08	2008-315
Bingham Water District	39.00	54.04	91.64	740.44	1540.44	1	161.00	7/1/06	2005-612
Boothbay Region Water District	52.05	77.49	141.09	1417.69	4107.69	1	None	5/8/97	1997-222
Bowdoinham Water District	85.44	126.06	211.51	1689.59	3045.76	1	1042.08	7/1/06	2006-116
Brewer Water Department	75.51	100.95	164.55	1399.85	3593.85	1	None	12/1/08	2008-377
Bridgton Water District	72.92	106.44	185.84	1286.44	2595.44	1	457.96	1/1/04	2003-696
Brownville Water Department	55.50	85.50	160.50	1885.50	5635.50	1	None	1/10/99	1998-817
Brunswick & Topsham Water District	40.10	62.50	118.50	1386.00	4136.00	1	None	5/1/09	2009-059
Buckfield Village Corp (equivalent dwelling units)	128.80	176.75	239.75	717.55	1327.55		644.00	4/1/08	2006-366
Calais Water Department	57.42	87.98	164.38	1,252.78	3,552.78	1	None	4/1/06	2005-452
Canton Water District	105.27	134.07	186.57	1152.57	3252.57	1	None	5/15/09	2009-047
Caribou Utilities District	62.10	87.70	151.70	1084.10	2684.10	1	None	1/1/10	2009-354
Castine Water District	114.80	180.40	366.80	4782.80	14382.80	1	None	10/1/07	2007-341
Clinton Water District	58.00	79.00	131.50	1339.00	3964.00	1	None	4/1/07	2007-046
Corinna Water District	60.52	79.88	128.28	1241.48	3661.48	1	None	3/31/05	2005-012
Cornish Water District	81.00	107.40	163.40	770.40	1970.40	1	313.00	6/14/03	2003-251

Danforth Water District	80.00	112.00	192.00	2032.00	6032.00	1	242.00	10/1/08	2008-268
Deer Isle Consumer Owned Water Utility	264.97	374.95	649.90	6973.75	20721.25	1	None	7/1/05	2005-182
Dexter Utility District	65.00	98.76	183.16	1918.56	4038.56	1	None	1/1/10	2009-353
Dixfield Water Department	69.44	100.08	176.68	1266.48	2834.48	1	275.49	10/1/08	2008-157
Dover & Foxcroft Water District	83.42	109.50	174.70	1589.30	3969.30	1	286.28	1/1/10	2009-267
Dresden Water Department	40.00	58.00	103.00	1138.00	3388.00	1	None	7/28/97	1997-296
Eagle Lake Water & Sewer District	52.39	87.31	174.71	2226.91	6736.91	1	None	1/1/09	2008-417
East Millinocket Water District	35.06	45.94	73.14	487.54	1016.54	1	None	7/1/06	2006-195
East Pittston Water District	33.00	55.00	110.00	1375.00	4125.00	1	None	4/1/94	1993-198
East Vassalboro Water System	65.68	79.92	115.52	934.32	2714.32	2	None	10/1/94	1994-156
Ellsworth Water Department	67.30	100.10	171.10	1414.10	3141.10	1	None	11/1/08	2008-339
Eustis Water Department	61.48	84.46	132.11	474.62	1029.62	1	244.80	1/1/01	2000-724
Exeter Water Department	20.00	24.00	34.00	264.00	764.00		None	12/29/95	1995-447
Farmington Falls Standard Water District	77.80	96.88	146.38	1284.88	3759.88	1	366.25	1/1/10	2009-352
Farmington Village Corp.	44.21	64.69	115.89	666.69	1646.69	1	None	1/1/09	2008-376
Fort Fairfield Utilities District	40.80	62.56	116.96	875.36	1674.36	1	None	1/1/05	2004-717
Fort Kent Utilities District	74.18	101.30	169.10	861.20	1573.70	1	218.70	1/31/02	2001-801
Franklin Water Department	55.06	82.58	151.38	1733.78	5173.78	1	None	7/1/05	2005-255
Friendship Water Department	30.00	50.00	100.00	1250.00	3750.00	1	None	1/1/09	2008-457
Fryeburg Water Company	39.24	58.92	93.32	544.12	1290.12	2	None	1/1/09	2008-489
Gardiner Water District	44.50	68.34	127.94	856.90	2416.90	1	None	9/1/07	2007-301
Grand Isle Water Department	80.00	120.00	220.00	2520.00	7520.00	1	None	1/1/02	2001-667
Gray Water District	46.50	68.82	124.62	1327.52	3422.52	1	243.05	1/1/10	2009-324
Great Salt Bay Sanitary District	99.46	150.74	278.94	1819.54	5029.54	1	None	9/1/09	2008-419

Guilford-Sangerville Water District	70.14	99.90	161.40	562.80	1192.80	1	None	6/30/06	2006-223
Hallowell Water District	47.20	63.20	103.20	786.00	2188.00	1	None	9/1/08	2008-257
Hampden Water District	80.67	115.47	202.47	2203.47	6553.47	1	None	4/1/08	2007-438
Harrison Water District	74.09	103.36	176.09	507.66	1030.00	37	306.28	10/15/06	2006-317
Hebron Water Company	-	-	-	-	-	2	280.00	3/1/99	1998-390
Houlton Water Company	30.00	50.00	100.00	983.50	2353.50	1	180.00	2/1/98	1997-898
Howland Water Department	51.00	76.76	141.16	1,622.36	4,842.36	1	152.00	4/4/06	2005-667
Island Falls Water Department	136.10	172.42	263.22	1717.62	3087.62	1	None	10/1/09	2009-218
Jackman Water District	59.50	83.50	143.50	1095.50	3095.50	1	None	9/10/95	1995-233
Jay Village Water District	56.64	79.92	138.12	962.52	2672.52	1	187.20	3/31/02	2001-789
Kennebec Water District	71.71	83.50	112.98	791.02	2265.02	1	None	1/1/07	2006-572
Kennebunk, Kport., Wells Water District	39.63	71.63	171.63	1131.63	2631.63	1	None	4/1/09	2008-228
Kingfield Water District	63.00	96.60	173.60	1197.20	3366.40	1	228.80	4/1/04	2004-036
Kittery Water District	29.40	45.40	80.85	695.12	1935.12	1	None	11/1/07	2007-358
Lewiston Public Works, Water Division	33.60	50.96	94.36	965.20	2,815.20	1	None	7/1/07	2007-210
Limerick Water District	40.20	65.08	127.28	634.88	1534.88	1	None	6/12/98	1998-326
Limestone Water & Sewer District	64.20	88.20	148.20	1528.20	4528.20	1	None	5/1/00	2000-138
Lincoln Water District	46.00	61.44	100.04	492.44	1082.44	1	None	4/1/08	2008-029
Lisbon Water Department	33.04	42.16	64.96	589.36	1,729.36	1	139.08	12/1/05	2005-416
Livermore Falls Water District	46.14	73.74	142.74	1010.06	2472.06	1	329.56	1/1/02	2001-636
Long Pond Water District	138.80	194.40	333.40	3530.40	10480.40	1	323.00	4/1/08	2008-026
Lubec Water & Electric District	64.00	96.00	138.00	1058.00	3058.00	1	None	3/1/09	2008-522
Machias Water Company	58.50	76.90	109.20	537.00	1467.00	2	None	4/1/08	2007-612
Madawaska Water District	89.65	123.58	199.78	1952.38	5762.38	1	None	3/17/09	2008-399
Madison Water District	78.78	97.66	144.86	1230.46	3590.46	1	265.22	10/1/09	2009-228

Mars Hill Utility District	77.00	100.60	159.60	1303.25	3403.25	1	None	3/15/07	2007-004
Mechanic Falls Water Department	54.50	81.70	149.70	1020.20	2520.20	1	None	2/1/08	2007-592
Mexico Water District	49.71	63.15	96.75	575.55	1415.55	1	None	1/1/10	2009-290
Milbridge Water District	58.80	98.00	196.00	1213.40	3413.40	1	None	2/15/02	2001-833
Milo Water District	63.00	85.00	140.00	1405.00	4155.00	1	None	1/1/05	2004-205
Monhegan Water Company (SEASONAL ONLY)	140.00	224.00	434.00	2564.00	15764.00	2	None	5/1/05	2005-080
Monson Utilities District	72.64	105.76	188.56	1675.26	4685.26	1	288.60	7/1/09	2009-134
Morrill Village Water District	118.10	176.30	321.80	3668.30	10943.30	1	None	2/1/08	2007-575
Moscow Water District	81.40	108.52	176.32	1735.72	5125.72	1	361.06	7/1/08	2007-530
Mount Blue Standard Water District	73.20	109.12	198.92	1299.20	2827.20	2	236.00	4/1/08	2007-569
Mount Desert Water District	63.00	75.80	107.80	843.80	2443.80	2	258.00	7/1/03	2003-288
New Portland Water District	111.65	132.53	184.73	1,385.33	3,995.33	1	None	7/1/09	2008-396
New Sharon Water District	62.55	112.24	246.44	3333.04	10043.04	1	None	4/1/05	2004-851
Newport Water District	104.85	141.73	233.93	2066.53	5236.53	1	None	9/1/09	2009-187
Norridgewock Water District	56.00	70.24	105.84	492.64	1192.64	1	137.00	6/1/08	2007-588
North Berwick Water District	43.20	72.00	144.00	1488.00	3888.00	1	None	12/31/95	1995-381
North Haven Water Department	73.50	115.42	220.22	2364.62	6844.62	1	None	6/30/03	2003-287
North Jay Water District	74.09	104.65	181.05	1107.75	2487.75	1	531.60	10/1/06	2006-011
Northport Village Corp.	131.25	161.50	216.50	1481.50	4231.50	1	None	10/1/05	2005-398
Norway Water District	35.76	53.60	98.20	523.60	1083.60	1	None	9/1/04	2004-330
Old Town Water District	38.00	55.44	99.04	811.34	2161.34	1	None	1/1/03	2002-619
Oquossoc Standard Water District	37.50	37.50	37.50	37.50	37.50	1	None	1/1/02	2001-850
Orono-Veazie Water District	37.00	50.76	85.16	523.76	1383.76	1	None	3/1/08	2007-628
Oxford Water District	51.30	64.10	96.10	544.10	1244.10	1	None	1/1/97	1996-508
Paris Utilities District	42.97	62.33	110.37	813.53	2153.53	1	None	7/1/06	2006-225

Passamaquoddy Water District	93.60	150.08	291.28	2162.88	4922.88	1	None	1/1/08	2007-338
Patten Water Department	60.00	84.00	144.00	1524.00	4524.00	1	140.00	3/13/93	1992-352
Pine Springs Road and Water LLC	-	-	-	-	-	2	750.00	8/28/07	2006-534
Pittsfield Water Works - Town	40.20	52.20	82.20	469.20	1174.20	1	None	12/1/09	2009-294
Plymouth Water District									DEP
Port Clyde Water District	172.50	232.50	382.50	3832.50	11332.50	1	None	3/1/10	2009-418
Portland Water District	44.70	60.30	95.10	722.90	1492.90	1	None	1/1/09	2008-423
Presque Isle Water District	39.60	66.00	132.00	1173.50	2593.50	1	None	11/1/07	2007-306
Princeton Water District	105.00	175.00	350.00	4375.00	13125.00	1	None	6/30/09	2009-205
Quantabcook Water District	96.20	160.36	320.76	4009.96	12029.96	1	355.64	1/1/09	2008-388
Rangeley Water District	93.36	132.40	230.00	1340.80	2980.80	1	361.81	1/1/07	2006-571
Richmond Utilities District	51.16	74.38	132.43	912.58	2165.08	1	None	7/1/06	2006-238
Rumford Water District	38.04	63.40	126.80	1182.50	3202.50	1	None	1/10/10	2009-247
Sabattus Sanitary District	52.50	60.74	81.34	555.14	1585.14	1	None	10/1/06	2006-380
Sandy Point Water Company	-	-	-	-	-	2	700.00	1/1/10	2009-270
Sanford Water District	49.68	66.56	101.26	656.86	1666.86	1	None	9/17/07	2007-316
Searsport Water District	86.40	128.00	232.00	1,537.20	4,267.20	1	None	1/1/10	2009-364
Small Point Water Company	-	-	-	-	-	2	396.00	1/1/03	2002-714
Solon Water District	44.00	52.58	74.03	309.38	736.88	1	None	7/1/07	2007-199
South Berwick Water District	62.00	102.00	202.00	2502.00	7502.00	1	None	6/1/05	2005-188
South Freeport Water District	40.65	53.69	86.29	643.59	1723.59	1	None	8/31/03	2003-455
Southport Water System (SEASONAL ONLY) Min 2400 cf	135.00	225.00	384.56	2,817.36	5,194.56	1	None	4/1/05	2005-027
Southwest Harbor Water Dept.	59.71	88.27	159.67	1801.87	5371.87	1	None	8/1/04	2004-333
St. Francis Water District	-	-	-	-	-	1	336.00	5/1/05	2005-115
Starks Water District	-	-	-	-	-	1	236.00	8/1/98	1998-328

Stonington Water Company	62.00	118.00	258.00	3,478.00	10,478.00	1	None	1/1/06	2005-609
Strong Water District	63.31	77.15	111.75	907.55	2637.55	1	None	1/1/10	2009-348
Tenants Harbor Water District	51.25	75.25	135.25	1515.25	4515.25	1	None	4/29/02	2002-170
Van Buren Water District	50.00	70.08	120.28	882.88	1768.88	1	185.21	10/1/06	2006-347
Vinalhaven Water District	109.80	136.20	202.20	1720.20	5020.20	1	None	6/1/06	2006-145
Waldoboro Water Department	68.52	94.92	160.92	1373.02	3343.02	2	None	3/1/05	2004-622
Washburn Water Department	92.05	116.69	178.29	1058.59	2288.59	1	329.05	1/1/07	2006-618
Waterboro Water Department	40.83	56.83	96.83	929.33	2554.33	1	None	12/31/92	N/A
West Paris Water District	51.26	71.02	114.42	678.22	1708.22	1	476.00	7/1/05	2005-256
Wilton Water Department	48.30	66.54	112.14	763.34	1583.34	1	None	7/2/93	1993-094
Winter Harbor Water District	74.00	114.20	206.90	1273.10	3335.60	2	243.60	10/1/99	1998-966
Winterport Water District	92.32	139.60	257.80	2976.40	8886.40	1	412.41	1/1/06	2005-417
Winthrop Water District	67.28	101.36	176.06	1473.26	3993.26	1	None	1/1/05	2004-727
Wiscasset Water District	52.00	84.00	164.00	1740.00	5140.00	1	None	9/1/06	2006-352
Yarmouth Water District	28.80	47.60	78.40	543.60	1443.60	1	None	9/1/05	2005-342
York Water District	69.33	112.53	200.73	986.13	2186.13	1	None	3/31/08	2008-039

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Debt Service

Chart DD

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Bond Issue J

UNDERGROUND WATER TANK PURCHASE

Original Principal = \$750,000 Lender: Maine Bond Bank/State Revolving Fund - DHS
 Issued February 15, 2002 Paying agent fee: None
 Effective Interest Rate = 2.673% Cannot be refinanced.
 Payment Dates: April 1 (interest only) October 1 (principal and interest)
 Although these are general obligation bonds, all payments will be made from Water Fund revenues.

FY	Date	Effective Intrest.Rate	Principal Payment	Interest Payment	Payment Total	Water Fund FY Total
14	10/1/13	2.67%	38,192.25	6,151.70	44,343.95	
	4/1/14	2.67%		3,819.01	3,819.01	48,162.96
15	10/1/14	2.67%	39,215.03	5,779.76	44,994.79	
	4/1/15	2.67%		3,384.60	3,384.60	48,379.39
16	10/1/15	2.67%	40,265.21	5,397.86	45,663.07	
	4/1/16	2.67%		2,938.56	2,938.56	48,601.63
17	10/1/16	2.67%	41,343.51	5,005.74	46,349.25	
	4/1/17	2.67%		2,480.58	2,480.58	48,829.83
18	10/1/17	2.67%	42,450.69	4,603.12	47,053.81	
	4/1/18	2.67%		2,010.34	2,010.34	49,064.15
19	10/1/18	2.67%	43,587.52	4,189.72	47,777.24	
	4/1/19	2.67%		1,527.50	1,527.50	49,304.74
20	10/1/19	2.67%	44,754.80	3,765.24	48,520.04	
	4/1/20	2.67%		1,031.73	1,031.73	49,551.77
21	10/1/20	2.67%	45,953.33	3,329.40	49,282.73	
	4/1/21	2.67%		522.68	522.68	49,805.41
22	10/1/21	2.67%	47,184.05	2,881.88	50,065.93	
						50,065.93
Totals			382,946.39	58,819.42	441,765.81	441,765.81

Debt Service

Chart DD

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Bond Issue P

PUBLIC WORKS PROJECTS: FY10

Original Principal = \$4,300,000 *

Lender: Hutchinson, Shockey, Erly & Co.

*Original Authorization = \$5,140,947, but reduced when CSO postponed.

Issued: 5/1/10

Paying Agent: Bank of New York Mellon

Interest Rate = 2.0% - 4.0% (Avg.-3.42%)

Agent Fee: None

Payment Split: CIP Fund = 86% Water Fund = 14%

Can be Refinanced after Feb. 2021

Payment Dates: May 1 (principal and interest) & November 1 (interest only)

FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Water Fund FY Total	FY
14	11/1/13	2.00%	0.00	8,362.50	8,362.50		
	5/1/14	2.50%	30,000.00	8,362.50	38,362.50	46,725.00	14
15	11/1/14	2.50%	0.00	7,987.50	7,987.50		
	5/1/15	2.50%	30,000.00	7,987.50	37,987.50	45,975.00	15
16	11/1/15	2.50%	0.00	7,612.50	7,612.50		
	5/1/16	2.50%	30,000.00	7,612.50	37,612.50	45,225.00	16
17	11/1/16	2.50%	0.00	7,237.50	7,237.50		
	5/1/17	2.75%	30,000.00	7,237.50	37,237.50	44,475.00	17
18	11/1/17	2.75%	0.00	6,825.00	6,825.00		
	5/1/18	3.00%	30,000.00	6,825.00	36,825.00	43,650.00	18
19	11/1/18	3.00%	0.00	6,375.00	6,375.00		
	5/1/19	3.00%	30,000.00	6,375.00	36,375.00	42,750.00	19
20	11/1/19	3.00%	0.00	5,925.00	5,925.00		
	5/1/20	3.00%	30,000.00	5,925.00	35,925.00	41,850.00	20
21	11/1/20	3.00%	0.00	5,475.00	5,475.00		
	5/1/21	3.00%	30,000.00	5,475.00	35,475.00	40,950.00	21
22	11/1/21	3.00%	0.00	5,025.00	5,025.00		
	5/1/22	3.20%	30,000.00	5,025.00	35,025.00	40,050.00	22
23	11/1/22	3.20%	0.00	4,545.00	4,545.00		
	5/1/23	3.30%	30,000.00	4,545.00	34,545.00	39,090.00	23
24	11/1/23	3.30%	0.00	4,050.00	4,050.00		
	5/1/24	3.50%	30,000.00	4,050.00	34,050.00	38,100.00	24
25	11/1/24	3.50%	0.00	3,525.00	3,525.00		
	5/1/25	3.50%	30,000.00	3,525.00	33,525.00	37,050.00	25
26	11/1/25	3.50%	0.00	3,000.00	3,000.00		
	5/1/26	4.00%	30,000.00	3,000.00	33,000.00	36,000.00	26
27	11/1/26	4.00%	0.00	2,400.00	2,400.00		
	5/1/27	4.00%	30,000.00	2,400.00	32,400.00	34,800.00	27
28	11/1/27	4.00%	0.00	1,800.00	1,800.00		
	5/1/28	4.00%	30,000.00	1,800.00	31,800.00	33,600.00	28
29	11/1/28	4.00%	0.00	1,200.00	1,200.00		
	5/1/29	4.00%	30,000.00	1,200.00	31,200.00	32,400.00	29
30	11/1/29	4.00%	0.00	600.00	600.00		
	5/1/30	4.00%	30,000.00	600.00	30,600.00	31,200.00	30
Total Water Fund Share			510,000.00	163,890.00	673,890.00	673,890.00	17

Debt Service

Chart DD

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Bond Issue R

WATER SYSTEM IMPROVEMENTS: 2011

Original Principal: Lender: Morgan Stanley & Co
 1,224,000 Approved by Voters June 2011 for Duck Brook Pump Station Upgrade and Watermain Replacement
 2,515,000 Approved by Council to Refinance 2001 Bond issued for purchase of Water Company
3,739,000 Total

Date of Issue: 9/15/11 Paying agent: Bank of New York/ Mellon Trust
 Interest Rate = 2.0% - 3.50% (Avg. - 2.29%) Agent fee: None
 Payment Dates: December 1 (principal and interest) & June 1 (interest only)

FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Fiscal Year Total
14	12/01/13	2.00%	260,853.00	39,283.95	300,136.95	
	06/01/14			36,675.42	36,675.42	336,812.37
15	12/01/14	2.00%	268,550.00	36,675.42	305,225.42	
	06/01/15			33,989.92	33,989.92	339,215.34
16	12/01/15	2.00%	273,550.00	33,989.92	307,539.92	
	06/01/16			31,254.42	31,254.42	338,794.34
17	12/01/16	2.00%	281,247.00	31,254.42	312,501.42	
	06/01/17			28,441.95	28,441.95	340,943.37
18	12/01/17	2.00%	281,247.00	28,441.95	309,688.95	
	06/01/18			25,629.48	25,629.48	335,318.43
19	12/01/18	2.00%	286,247.00	25,629.48	311,876.48	
	06/01/19			22,767.01	22,767.01	334,643.49
20	12/01/19	2.00%	293,944.00	22,767.01	316,711.01	
	06/01/20			19,827.57	19,827.57	336,538.58
21	12/01/20	2.50%	306,642.00	19,827.57	326,469.57	
	06/01/21			15,994.54	15,994.54	342,464.11
22	12/01/21	3.00%	311,642.00	15,994.54	327,636.54	
	06/01/22			11,319.91	11,319.91	338,956.45
23	12/01/22	3.00%	59,339.00	11,319.91	70,658.91	
	06/01/23			10,429.83	10,429.83	81,088.74
24	12/01/23	3.00%	62,036.00	10,429.83	72,465.83	
	06/01/24			9,499.29	9,499.29	81,965.12
25	12/01/24	3.00%	64,733.00	9,499.29	74,232.29	
	06/01/25			8,528.29	8,528.29	82,760.58
26	12/01/25	3.00%	67,431.00	8,528.29	75,959.29	
	06/01/26			7,516.83	7,516.83	83,476.12
27	12/01/26	3.00%	70,128.00	7,516.83	77,644.83	
	06/01/27			6,464.91	6,464.91	84,109.74
28	12/01/27	3.125%	72,825.00	6,464.91	79,289.91	
	06/01/28			5,327.02	5,327.02	84,616.93
29	12/01/28	3.25%	75,522.00	5,327.02	80,849.02	
	06/01/29			4,099.78	4,099.78	84,948.80
30	12/01/29	3.25%	78,219.00	4,099.78	82,318.78	
	06/01/30			2,828.72	2,828.72	85,147.50
31	12/01/30	3.375%	80,917.00	2,828.72	83,745.72	
	06/01/31			1,463.25	1,463.25	85,208.97
32	12/01/31	3.50%	83,614.00	1,463.25	85,077.25	
	06/01/32					85,077.25
Totals			3,278,686.00	603,400.23	3,882,086.23	3,882,086.23

Debt Service

Chart DD

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Bond Issue S

WATER SYSTEM IMPROVEMENTS: 2012 - SRF

Duck Brook Water Pumping Station renovations, water treatment system improvements and watermain replacements.

To be financed by the Maine Drinking Water Program's State Revolving Loan Fund (SRF).

General Obligation (GO) notes, but to be repaid by the Water Fund from user fees.

Original Principal = \$2,662,957

Lender: Maine Municipal Bond Bank

Date of Issue: 10/1/12

Agent fee: None

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>
13	04/01/13	0.00	13,980.56	13,980.56	13,980.56
14	10/01/13	120,939.00	20,027.51	140,966.51	
14	04/01/14	0.00	13,345.63	13,345.63	154,312.14
15	10/01/14	122,148.00	19,453.03	141,601.03	
15	04/01/15	0.00	12,704.35	12,704.35	154,305.38
16	10/01/15	123,370.00	18,872.85	142,242.85	
16	04/01/16	0.00	12,056.66	12,056.66	154,299.51
17	10/01/16	124,604.00	18,286.86	142,890.86	
17	04/01/17	0.00	11,402.49	11,402.49	154,293.35
18	10/01/17	125,850.00	17,694.99	143,544.99	
18	04/01/18	0.00	10,741.77	10,741.77	154,286.76
19	10/01/18	127,108.00	17,097.17	144,205.17	
19	04/01/19	0.00	10,074.46	10,074.46	154,279.63
20	10/01/19	128,379.00	16,493.41	144,872.41	
20	04/01/20	0.00	9,400.46	9,400.46	154,272.87
21	10/01/20	129,663.00	15,883.61	145,546.61	
21	04/01/21	0.00	8,719.73	8,719.73	154,266.34
22	10/01/21	130,960.00	15,267.73	146,227.73	
22	04/01/22	0.00	8,032.19	8,032.19	154,259.92
23	10/01/22	132,269.00	14,645.64	146,914.64	
23	04/01/23	0.00	7,337.77	7,337.77	154,252.41
24	10/01/23	133,592.00	14,017.37	147,609.37	
24	04/01/24	0.00	6,636.41	6,636.41	154,245.78
25	10/01/24	134,928.00	13,382.81	148,310.81	
25	04/01/25	0.00	5,928.04	5,928.04	154,238.85
26	10/01/25	136,277.00	12,741.89	149,018.89	
26	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	
27	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	
28	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	
29	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	
30	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	
31	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	
32	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		2,662,957.00	435,984.43	3,098,941.43	3,098,941.43

DuckBrook Pump Station Upgrade - Costs to date

Description	Engineering	Bond / Misc	Eqmnt/Othr	Construction	Total Costs
Total Project Costs: 4/30/2013	\$ 299,086.55	\$ 12,426.13	\$ 239,844.66	\$ 2,014,861.68	\$ 2,566,219.02
Budget - Bonded Monies:					\$ 2,879,150.00
Available Bond Monies to Finish the Project					\$ 312,930.98
Remaining T.Buck Const & Other Contracts:	\$ 25,000.00		\$ 45,164.31	\$ 242,766.67	\$ 312,930.98
Total Costs:	\$ 324,086.55	\$ 12,426.13	\$ 285,008.97	\$ 2,257,628.35	\$ 2,879,150.00