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# FY16 Water Fund Budget

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As Adopted  
By The  
Town Council

June 16, 2015

## Town of Bar Harbor

### FY 2016 Water Budget

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# Memo

**To: Town Councilors; Cornell Knight, Town Manager**

From: Stan Harmon, Finance Director

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

Date: 5/5/15

Re: Water Budget Message – FY2016 Water Budget

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## Summary

This FY2016 budget for the Bar Harbor Water Division specifically recommends the following changes from the FY2015 budget:

- **An 18% rate increase is proposed in this budget, effective 1/1/2016**
- **Gross CIP expenditures projected at \$1,848,750; primarily for Route #3**
- **A 8.1% revenue increase is projected for the FY2016 budget year**
- **A 4.1% budgeted increase of operating expenses as a target**
- **A decrease of ½ position for the water Superintendent**

**Why an 18% Increase?** 40% of this increase is due to projected *new debt service* while the remaining 60% is split equally between *depreciation* for the new building/equipment installed at Duck Brook and for increased *operating expenses* added since 2013. See page 24 for detail.

You will find attached the proposed budget for FY' 16. Revenues are projected to increase by approximately 8% from the FY2015 budget due to a conservative assumption of ½ of the 18% projected rate increase reflected in this year's budget. The existing rates went into effect on January 1, 2013. Total operating expenses over the 2015 budget are scheduled to increase by 4.1%, mostly due to increased depreciation expenses from prior capital investment upgrades. Capital spending is requested at a level of \$1,848,750; with internally generated funds of \$148,750 to cover the minor CIP expenditures. The fiscal year just ending (FY15) projects a positive cash flow of approximately \$229,351 due mostly to the sale of the Edgewood St. property in August of 2014. We estimate a positive cash flow of \$127,043 for FY16; assuming the full rate increase is implemented on January 1<sup>st</sup>.

## Statistical Infrastructure & Operational Data of the Water Division

There are 1743 metered customers, of which 71%, or 1240 accounts, are classified as Residential. 25% of the total metered customers are billed seasonally; the remainder receive quarterly bills. There are 83 customers related to non-metered sprinkler and private hydrant fire protection.

The *investment* in plant and infrastructure totals \$9.3 million, up from \$3.1 million when the Town purchased the Water Company in 2001. The water *mains* in its service areas total 29.5 miles with distribution pipe sized from 1" to 12". Since 2001 the Division has invested in 6.6 miles of new mains while retiring 4.7 miles. The \$2.9 million *pumphouse upgrade* completed in 2013 brought the system into full regulatory compliance. Design capacity is approximately 2400 gallons per minute. 344 million gallons are sent through the transmission mains annually with about 16% unaccounted for; down from 30% ten years ago.

*Employees* at the Water Division have decreased since 2001 from 6 to 5.5 in this budget. Management/Accounting administrative fees charged by the Town to the Water Division have remained relatively stable since 2001.

### **Next Rate Increase – 18% Projection**

It is anticipated that the Town will file for a rate increase effective 1/1/16; meaning sometime in the Fall of 2015. Staff recommended delaying the rate filing last year so that certain financial and operational assumptions could be clarified. In particular those issues were:

- The full annual costs of the leased space at the Hulls Cove facility must be settled
- The scope of the Water portion of the Rte #3 project must be determined by Council
- The timing of the State DOT Rte#3 project needs to be clearer
- The sale of the Edgewood Street properties needed to be completed
- Not enough reliable history for electricity usage in the new Duck Brook building
- The State legislation on water utility de-regulation might be further clarified
- We changed (upgraded) utility billing software and some detail rate analysis may not be reliably performed to PUC specifications until the conversion is completed
- The last rate increase (1/1/2013) was approved at 18%

### **Current Water Rates & Average Customer Bill**

- A minimum quarterly bill currently 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 \$111.24 for 15 selected comparable communities. It is anticipated that new rates will next be requested in October of 2015 before the *Public Utilities Commission* with an effective date of January 1, 2016. It is estimated that those rate needs would be approximately 18% at the time of filing. For comparison purposes, the current quarterly fees for *wastewater* usage are \$47 (minimum-no usage) and \$147 (family), respectively.
- *USDA-Rural Development*, the federal organization that provides grant and loan funds for qualifying utilities, uses 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 usage totals to \$390 per annum for a family of four in Bar Harbor or \$32.50 per month. Refer to page 26 for other water utility rate comparisons.

### **Projected Customer Bills Under New Rates – +18%**

- Minimum quarterly bill estimate (1200 cubic feet) as of 1/1/16; **\$78.53**
- Avg. household quarterly bill estimate (2000 cubic feet); **\$114.97**
- Average house hold annual bill (8000 cubic feet) **\$460.00** (\$38.33 per month)

### **Volume**

This budget assumes a 3.3% decrease in volume from the FY 15 budget but a 2.6% increase from the current FY 15 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 usage. Page 16 shows the trends of water sales since 2010 in six month rolling averages.

## Revenues

The 2016 budget assumes a 8.0% revenue increase. This estimate is due primarily to the projected implementation of 18% increase in rates as of 1/1/2016; almost ½ of that will be reflected in the FY16 budget.

## Cost of Service Study

The *cost of service study* (COS) 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 had 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.

Further work was halted since those hearings when *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 were likely to transpire in the process. The consultants 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 harder from the original cost of service study. The end goal seemed to be fair, based upon that study, but the transition was anticipated to be painful for some of the classes of ratepayers.

A more recent issue we had to contend with is that our prime consultant on this rate study (and in past rate cases) Barb Stoddard wrapped up her employment with *La Capra Associates*. We have a replacement from La Capra ready to go but another issue is that the Maine Legislature instituted certain de-regulation rules for consumer owned water utilities (such as Bar Harbor) and we are waiting for the first utilities to explore that regulatory process prior to moving ahead with any implementation of this COS study results. There are no contractual service monies for continuation of this work in the FY16 budget.

## Operating Expenditures

The proposed FY2016 water budget reflects a 4.1% overall increase in operating expenses over the FY '15 budget year and a 0.3% increase over this past year's estimated final expenses. Payroll and benefits are anticipated to be 7.0% below last year's budget; i.e., a 7.5% decrease in wage costs and 5.8% decrease for benefits. These decreases are due primarily to charging ½ of the Superintendent's salary to Wastewater. The budgeted COLA wage increase is 1.7% with an added 1% bump for the increase health insurance costs employees will pay starting in July. These wage adjustments mirror the wage adjustment in the *General Fund's* budgeted increases for union and non-union employees.

With the August 2014 sale of the Edgewood Street garage property, staff proceeded to pay off the remaining monies borrowed from the General Fund and has managed to maintain enough working capital to cover all budgeted operating expenses & debt service without further General Fund borrowing.

**Major increases in projected cash expenses anticipated in FY2016 (line items over \$1500) above last year's budget are as follows:**

- ContServ-BHTownMgt costs-#**5306**, \$4,976 due to FY15 budget error for management fees
- ContServ-Rental of Bldg-#**5364**, \$13,439 for the Public Works facility lease in Hulls Cove
- ContServ-CompLicSuppt-#**5368**, \$1,862 for added support for new Duckbrook equipment
- Supplies-Sod HypoChl-#**5424**, \$3,000 for higher usage at the new Duckbrook station

- Supplies-CO2-#5426, \$9,000 for higher usage at the new Duckbrook station
- Utilities-Electricity-#5504, \$7,000 net additional costs due to added Duckbrook equipment
- Rep.& Maint.-Mains-#5628, \$3,000 for higher repair costs; more main breaks
- Rep & Maint.-Services-#5650, \$2,500 for higher repair costs; more service breaks
- Oper. Equipmnt-#5704, \$7,300 for hydrant flow meter & hydrant testing equipment, leak locator, lake buoys, snowblower & weather station--\$19,000 total.

### **What Were the Results of Actual FY15 Operating Expenses vs the FY15 Budget?**

The Water Division's FY'15 projected actual operating expense results will end up 4% above the 2015 spending budget this year, or \$48,000. The major reason for this is due to higher depreciation costs from the original budget estimates due to all the new equipment at Duck Brook pumphouse.

#### **Some of the major expense line items that were over budget this past year include:**

- Cont Serv-Twn Mgt Services-#5306, \$8,627 due to FY15 budget error
- Cont Serv-CompLicSuppt-#5368, \$1,839 additional support added for new equipment
- Supplies-Uniforms-#5410, \$1,398 for more boots and safety shoes
- Supplies-CO2-#5426, \$10,000 underestimated in the budget; new account
- Utilities-Electricity-#5504-6, \$7,000 additional costs due to added Duck Brook equipment
- Repairs-Mains-#5628, \$4,000 for higher main break costs
- Repairs-Services-#5650, \$8,800 for higher service break/frozen costs
- Depreciation-#6012, \$49,000 for new depreciation for the Duckbrook facility & equipment

### **9 Edgewood St. Garage Building**

In August of 2014, the Edgewood St. garage was sold to a private buyer and the final sale amount accepted by the Town Council was \$199,000, with the net gain being approximately \$166,000. The net cash proceeds of the sale were used to pay down the remaining temporary loan the Water Division owed to the Town's General Fund. This property is now on the tax rolls for 2015. The adjoining lot is still for sale but the Public Works Department has made use of the property off and on for temporary staging and storage.

### **Public Works Complex – Leased Space to the Water Division**

During the fiscal year, the Water Division moved from both the Park St. rented space as well as from its garage space on Edgewood St. to a new section of the Public Works Complex. A formula was devised based upon square footage of the space used (excluding salt shed and pole barn) to arrive at a 1/3<sup>rd</sup> number so that the Town could reasonably allocate 1/3<sup>rd</sup> of the debt service costs of the annual debt service to the Water Division as "rent" reflected in account # 5364 which shows \$78,980 in total costs. \$77,821 is for the lease and \$1159 is for rented land on Ireson Hill. The rent amount covers insurance, all utilities, but directly purchased supplies are charged to the Water Division.

### **Debt Service**

As of June 30, 2015, total principal in obligated debt for the water users stands at \$5,924,692. In the FY2016 budget, the debt service is projected to be at \$587,000 or approximately 33% of the total annually revenues presently generated. All current debt is presently fully funded within the existing rate structure with interest rates ranging from 1.5% to 4%.

**New Debt**—the 5 year CIP spending plan shows another \$3,622,358 in monies that needs to be borrowed for replacement of aging main, but \$1,700,000 or almost half is for the Maine DOT Rte#3 project. The borrowing approval will appear before Town Meeting this June for FY2016. The total estimated new annual debt service added 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 in this budget cycle.

## **Capital Outlay**

The Town has invested \$6,308,739 (*73% from bonds*) on capital improvements since the purchase of the company in 2001. In fiscal year 2015 the Water division spent \$492,638 for necessary capital investments. The proposed FY'16 capital budget requests \$1,908,750 and is funded by two sources: operating cash flow and a new \$1.7 million bond to be approved at Town Meeting. The Water Division generally averages over \$100,000 per year available from its own cash flow for capital equipment and small project costs.

For long term planning and borrowing needs, the Public Works Director prepared a capital plan for the Water Division that is designed to coordinate all capital expenditures over the next 5 years that includes continuing 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 in this budget. A consolidated plan was presented to Council early into the FY16 budget season.

### **FY 2016 Capital Spending (CIP) Recap**

**Mains- \$1,700,000**--Coordinate with MEDOT Rte#3 capital construction (*100% Bonded*); also--

- From Dreamwood Hill to the end of the year round main; Highbrook Road to West Street; East Hillside Drive to Lookout Point Road; Duck Brook Main tie-in at Days Inn; North end of Highbrook Road tie in; Relocate main into the right of way at the Bluffs; West Street to Eagle Lake Road; Sonogee area replacement

**Mains- \$73,250**—Replace main on Ash Place

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

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

**Vehicles- \$37, 000**—Replace 2006 GMC pickup

**CIP Reserve-\$5,000**—PUC authorized reserve

**Equipment-\$7,500**—Backup lime pump

**-\$6,000**—Lakehouse PLC replacement & communication upgrade

### **Five Year CIP Plan**

Pages 18 & 19 has staff's listing of requested 5 year capital spending—totaling \$4,266,108. There is \$3,695,608 in main replacements, including the Route #3 work, that are in the 5 year program most would require bonding, if approved.

## **Working Capital/Cash Flow**

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, including the annual debt service. This target calculates to a \$412,000 estimated requirement as of June 30, 2015. Most available working capital, other than that used for day to day bills, from FY2001 to FY2010 had been directed to capital investment. Since FY2010, however, there has also been a gradual pay down of monies owed to the General Fund and that loan to the Town has now been paid off. The amount borrowed at one point ran as high as \$800,000. The cash balance at the end of the year is anticipated to stand at \$100,000—still short of its working capital goal.

The proposed budget projects a positive net cash flow of \$127,043 in FY2016. However, without the proposed rate increase, the *Water Division* operations would end up with a *negative* cash flow of approximately \$20,000 unless cuts were made to CIP and expenses.

### **Action Requested of Council**

To introduce the Water Budget Ordinance dated May 5, 2015, as proposed (or amended) and schedule a public hearing for \_\_\_\_\_ 2015

# Water Budget Ordinance Amendment

## Town of Bar Harbor

### An Ordinance to Adopt the Fiscal Year- ~~2016~~ 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.]

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## Chapter 201, Water

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### ARTICLE III, Water Budget, Rates Fees and Charges

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#### § 201-11 Water Budget.

A. **Budget adopted.** The fiscal year ~~2016~~ Water Budget, dated ~~July 15, 2014~~ May 19, 2015, is hereby adopted as published and summarized below.

(1) **Cash.** Net cash generated is estimated to be ~~\$127,043~~ \$16,116.

(2) **Revenues.**

(a) PUC regulated revenues are estimated to be ~~\$1,919,305~~ \$1,776,168.

(b) Total water revenues are estimated to be ~~\$1,930,105~~ \$1,786,968.

(3) **Expenses.** The following appropriations are hereby approved:

(a) Non-operating expenses: \$ ~~(4,600)~~ (3,800).

(b) Salaries and wages: ~~operations \$291,225~~ \$314,900.

(c) Payroll benefits: ~~\$141,700~~ \$150,400.

(d) Contractual services: ~~\$254,766~~ \$234,289.

(e) Materials and supplies: ~~\$107,400~~ \$95,700.

(f) Utilities and commodities: ~~\$62,100~~ \$60,500.

(g) Repairs and maintenance: ~~\$140,800~~ \$135,300.

(h) Equipment purchases: ~~\$21,600~~ \$25,400.

(i) Other: insurance, travel, advertising and miscellaneous: ~~\$43,200~~ \$42,900.

(j) Interest: ~~\$119,736~~ \$127,961.

(k) Depreciation and amortization: ~~\$284,883~~ \$235,083.

(l) Capital spending: ~~\$1,848,750~~ \$535,275.

[end of ordinance]

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#### LEGISLATIVE HISTORY:

057-15-154 Recommended by Treasurer & Town Manager  
\_\_\_\_ Introduced by Council  
\_\_\_\_ Public Hearing  
\_\_\_\_ Council Adopted  
\_\_\_\_ Sent for Codification

APY	BTY	ETY	RYN	RYN	RYN	
Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	RYN	RYN	RYN
6/30/2014	6/30/2015	6/30/2015	6/30/2016	\$ Change	% Change	% Change
FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15

<b>Net Income Statement -</b>	<b>SUMMARY PAGE</b>
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Volume: ('000's cubic feet)	33,080	33,080	31,200	32,000		-3.3%	2.6%
<b>Operating Revenues</b>	<b>\$ 1,781,855</b>	<b>\$ 1,776,168</b>	<b>\$ 1,772,068</b>	<b>\$ 1,919,305</b>	<b>\$ 143,137</b>	8.1%	8.3%
<b>Operating Expenses:</b>							
Payroll & Benefits	\$ 531,411	\$ 465,300	\$ 446,938	\$ 432,925	\$ (32,375)	-7.0%	-3.1%
Contractual Services	\$ 184,044	\$ 234,289	\$ 243,114	\$ 254,766	\$ 20,477	8.7%	4.8%
Materials & Supplies	\$ 94,657	\$ 95,700	\$ 102,237	\$ 107,400	\$ 11,700	12.2%	5.1%
Utilities & Commodities	\$ 66,105	\$ 60,500	\$ 59,500	\$ 62,100	\$ 1,600	2.6%	4.4%
Repairs & Maintenance	\$ 106,151	\$ 135,300	\$ 145,093	\$ 140,800	\$ 5,500	4.1%	-3.0%
Minor Equipment Purchases	\$ 19,898	\$ 25,400	\$ 21,922	\$ 21,600	\$ (3,800)	-15.0%	-1.5%
Other Miscellaneous Expenses	\$ 40,152	\$ 42,900	\$ 40,824	\$ 43,200	\$ 300	0.7%	5.8%
Depreciation & Amortization	\$ 275,909	\$ 235,083	\$ 284,883	\$ 284,883	\$ 49,800	21.2%	0.0%
<b>Utility Operating Expenses:</b>	<b>\$ 1,318,326</b>	<b>\$ 1,294,472</b>	<b>\$ 1,344,511</b>	<b>\$ 1,347,674</b>	<b>\$ 53,202</b>	<b>4.1%</b>	<b>0.2%</b>
<b>Net Utility Operating Income</b>	<b>\$ 463,529</b>	<b>\$ 481,696</b>	<b>\$ 427,557</b>	<b>\$ 571,631</b>	<b>\$ 89,935</b>	18.7%	33.7%
Interest Income	\$ 1,159	\$ 800	\$ 1,077	\$ 800	\$ -		
Non-Utility Income, net of expense	\$ 442,987	\$ 6,200	\$ 223,829	\$ 5,400	\$ (800)		
Interest Costs	\$ 134,995	\$ 127,961	\$ 127,961	\$ 119,736	\$ (8,225)		
<b>NET INCOME</b>	<b>\$ 772,680</b>	<b>\$ 360,735</b>	<b>\$ 524,502</b>	<b>\$ 458,095</b>	<b>\$ 97,360</b>	27.0%	-12.7%
<b>Conversion to Cash Basis:</b>							
Add back: Depreciation & Acqtn. Adjtmnt.	\$ 275,909	\$ 235,083	\$ 284,883	\$ 284,883			
Less: Principal Debt Retired	\$ (450,084)	\$ (459,913)	\$ (459,913)	\$ (467,185)			
<b>Cash Available for C.I.P.</b>	<b>\$ 598,505</b>	<b>\$ 135,905</b>	<b>\$ 349,472</b>	<b>\$ 275,793</b>			
Less: Capital Expenditures (From Internal Funds)	\$ (69,772)	\$ (127,389)	\$ (120,121)	\$ (148,750)			
<b>Net Cash Generation (Drawdown)</b>	<b>\$ 528,733</b>	<b>\$ 8,516</b>	<b>\$ 229,351</b>	<b>\$ 127,043</b>			

	APY	BTY	ETY	RNY			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RNY	RNY	RNY
	6/30/2014	6/30/2015	6/30/2015	6/30/2016	\$ Change	% Change	% Change
	FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15

## Revenues

4098	<b>Revenues: Misc. Non Operational</b>							
4924	Jobbing Income	\$ 8,586	\$ 10,000	\$ 10,000	\$ 10,000	\$ -		
4700	Investment Interest Income	\$ 1,159	\$ 800	\$ 1,077	\$ 800	\$ -		
4928	Nonutility Income- FA Sales	\$ 387,279	\$ -	\$ 192,262	\$ -	\$ -		
	<b>Other Income Total</b>	<b>\$ 397,024</b>	<b>\$ 10,800</b>	<b>\$ 203,339</b>	<b>\$ 10,800</b>	<b>\$ -</b>	<b>0%</b>	<b>-94.7%</b>
4098	<b>PUC Regulated Revenues:</b>							
4704	Penalty Interest Income	\$ 2,694	\$ 1,700	\$ 1,600	\$ 1,700	\$ -	<b>0.0%</b>	<b>6.3%</b>
4900	Metered Residential Sales-Qtrly	\$ 384,371	\$ 389,000	\$ 385,000	\$ 419,000	\$ 30,000	<b>7.7%</b>	<b>8.8%</b>
4901	Metered Residential Sales-Seas.	\$ 99,492	\$ 101,000	\$ 95,000	\$ 108,000		<b>6.9%</b>	<b>13.7%</b>
4902	Metered Commercial Sales-Qtrly	\$ 292,496	\$ 281,000	\$ 288,000	\$ 304,000	\$ 23,000	<b>8.2%</b>	<b>5.6%</b>
4903	Metered Commercial Sales-Seas.	\$ 210,047	\$ 217,000	\$ 215,000	\$ 234,000		<b>7.8%</b>	<b>8.8%</b>
4904	Metered Indstrl Sales-Jax Lab-Qtrly	\$ 139,096	\$ 134,000	\$ 133,000	\$ 144,000	\$ 10,000	<b>7.5%</b>	<b>8.3%</b>
4905	Metered Indstrl Sales-Jax Lab-Seas.	\$ 2,047	\$ 2,000	\$ 2,000	\$ 2,200		<b>10.0%</b>	<b>10.0%</b>
4906	Metered Sales Government-Qtrly	\$ 30,370	\$ 32,000	\$ 33,000	\$ 34,500	\$ 2,500	<b>7.8%</b>	<b>4.5%</b>
4907	Metered Sales Government-Seas.	\$ 24,200	\$ 24,000	\$ 22,000	\$ 25,500		<b>6.3%</b>	<b>15.9%</b>
4920	Public Fire Protection/Hydrant - 27%	\$ 480,468	\$ 480,468	\$ 480,468	\$ 523,510	\$ 43,042	<b>9.0%</b>	<b>9.0%</b>
4922	Private Fire Protection	\$ 107,282	\$ 107,000	\$ 109,000	\$ 114,895	\$ 7,895	<b>7.4%</b>	<b>5.4%</b>
4938	Misc Water Fees	\$ 9,293	\$ 7,000	\$ 8,000	\$ 8,000	\$ 1,000	<b>14.3%</b>	<b>0.0%</b>
	<b>Subtotal-PUC Regulated Revenues</b>	<b>\$ 1,781,855</b>	<b>\$ 1,776,168</b>	<b>\$ 1,772,068</b>	<b>\$ 1,919,305</b>	<b>\$ 117,437</b>	<b>8.1%</b>	<b>8.3%</b>
	<b>Total Water Revenues</b>	<b>\$ 2,178,880</b>	<b>\$ 1,786,968</b>	<b>\$ 1,975,407</b>	<b>\$ 1,930,105</b>	<b>\$ 117,437</b>	<b>8.0%</b>	<b>-2.3%</b>

	APY	BTY	ETY	RNY			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RNY	RNY	RNY
	6/30/2014	6/30/2015	6/30/2015	6/30/2016	\$ Change	% Change	% Change
	FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15
<b>Expenses</b>							
4098	<b>49 - NON OPERATING EXPENSES:</b>						
6002	Amortization-Cont In Aid of Construction	\$ (9,682)	\$ (9,200)	\$ (10,000)	\$ (10,000)	\$ (800)	
6016	Loss of Disposal of Assets	\$ 48,721	\$ -	\$ 26,167	\$ -	\$ -	
6018	Misc Nonutil. Rent Exps	\$ -	\$ -	\$ -	\$ -	\$ -	
6020	Jobbing Supplies & Expenses	\$ 8,083	\$ 5,400	\$ 5,400	\$ 5,400	\$ -	
	<b>Total Non Operating Expenses:</b>	<b>\$ 47,122</b>	<b>\$ (3,800)</b>	<b>\$ 21,567</b>	<b>\$ (4,600)</b>	<b>\$ (800)</b>	<b>21.1% -121.3%</b>
4098-	<b>51 - WAGES:</b>						
5100	Wages-Salaries	\$ 72,808	\$ 73,494	\$ 53,000	\$ 41,080	\$ (32,414)	<b>-44.1% -22.5%</b>
5105	Wages-Hourly	\$ 209,697	\$ 207,784	\$ 208,000	\$ 213,958	\$ 6,174	<b>3.0% 2.9%</b>
5110	Wages-Overtime	\$ 37,995	\$ 37,950	\$ 48,000	\$ 40,515	\$ 2,565	<b>6.8% -15.6%</b>
5165	Wages-Reclass to CIP	\$ (4,337)	\$ (4,328)	\$ (5,529)	\$ (4,328)	\$ -	<b>0.0% -21.7%</b>
	<b>Total Salaries &amp; Wages-Operations:</b>	<b>\$ 316,163</b>	<b>\$ 314,900</b>	<b>\$ 303,471</b>	<b>\$ 291,225</b>	<b>\$ (23,675)</b>	<b>-7.5% -4.0%</b>
4098-	<b>52 - PAYROLL BENEFITS:</b>						
5160	Benefits-ICMA Wages	\$ 3,600	\$ 4,000	\$ 3,200	\$ 3,200	\$ (800)	-20.0% 0.0%
5162	Benefits-Health Ins Wage Stipend	\$ -	\$ -	\$ -	\$ -	\$ -	
5200	Benefits-FICA/Medicare	\$ 23,386	\$ 23,500	\$ 23,000	\$ 21,500	\$ (2,000)	-8.5% -6.5%
5210	Benefits-MSRS & Water Pension	\$ 89,812	\$ 19,000	\$ 17,000	\$ 18,500	\$ (500)	-2.6% 8.8%
5215	Benefits-Workers Compensation	\$ 5,618	\$ 8,000	\$ 6,600	\$ 7,200	\$ (800)	-10.0% 9.1%
5220	Benefits-Unemployment Compensation	\$ 1,858	\$ 1,900	\$ 1,800	\$ 1,700	\$ (200)	-10.5% -5.6%
5225	Benefits-Health Insurance	\$ 81,241	\$ 84,000	\$ 82,000	\$ 79,000	\$ (5,000)	-6.0% -3.7%
5230	Benefits-Health Ins - Opt Out Program	\$ 10,090	\$ 10,100	\$ 10,500	\$ 10,700	\$ 600	5.9% 1.9%
5245	Benefits-Retirement Health Savings Plan	\$ 737	\$ 900	\$ 748	\$ 900	\$ -	0.0% 20.3%
5270	Benefits-Transf. to Capital Projects	\$ (1,093)	\$ (1,000)	\$ (1,381)	\$ (1,000)	\$ -	0.0% -27.6%
	<b>Total PAYROLL BENEFITS:</b>	<b>\$ 215,248</b>	<b>\$ 150,400</b>	<b>\$ 143,467</b>	<b>\$ 141,700</b>	<b>\$ (8,700)</b>	<b>-5.8% -1.2%</b>

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	\$ Change	% Change	% Change
		6/30/2014	6/30/2015	6/30/2015	6/30/2016	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15
		FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget			
4098-	<b>53 - CONTRACTUAL SERVICES:</b>							
5304	Cont Srv-Auditing/Accounting	\$ 1,924	\$ 1,950	\$ 1,950	\$ 2,000	\$ 50	3%	3%
5306	Cont Srv-BH Town Mgt Services	\$ 70,701	\$ 72,000	\$ 80,622	\$ 76,976	\$ 4,976	7%	-5%
5308	Cont Srv-Billing Processing	\$ 1,113	\$ 1,200	\$ 1,100	\$ 1,100	\$ (100)	-8%	0%
5310	Cont Srv-Building Cleaning/Pest control	\$ 3,260		\$ -	\$ -	\$ -	#DIV/0!	#DIV/0!
5312	Cont Srv-Duckbrook Septic Pumping	\$ 1,300	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0%	0%
5314	Cont Srv-Copier Equipment	\$ 485	\$ 520	\$ 520	\$ 520	\$ -	0%	0%
5315	Cont Srv-Courier Services- Wtr Samples	\$ 6,805	\$ 7,300	\$ 6,600	\$ 7,300	\$ -	0%	11%
5326	Cont Srv-Engineering & Surveying	\$ -	\$ 4,000	\$ 2,000	\$ 3,500	\$ (500)	-13%	75%
5332	Cont Srv-Generator Maintenance	\$ 275	\$ 640	\$ 640	\$ 640	\$ -	0%	0%
5334	Cont Srv-Gen Prof. Fees	\$ 7,496	\$ 3,500	\$ 2,000	\$ 1,500	\$ (2,000)	-57%	-25%
5336	Cont Srv-Water Treatmnt Equipment	\$ 9,109	\$ 8,000	\$ 9,000	\$ 9,000	\$ 1,000	13%	0%
5340	Cont Srv-Legal Fees	\$ 980	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	0%	0%
5348	Cont Srv-Duckbrook Mowing	\$ 1,713	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	0%	0%
5360	Cont Srv-Printing of Reports	\$ -	\$ 700	\$ 700	\$ 700	\$ -	0%	0%
5364	Cont Srv-Rental of Land/Bldg	\$ 21,945	\$ 65,541	\$ 65,541	\$ 78,980	\$ 13,439	21%	21%
5368	Cont Srv-Comp Lic & Suppt	\$ 10,546	\$ 12,638	\$ 14,477	\$ 14,500	\$ 1,862	0%	0%
5372	Cont Srv-Standpipe/Intake Clean/Inspect's	\$ 11,036	\$ 15,000	\$ 15,114	\$ 15,200	\$ 200	21%	1%
5374	Cont Srv-Tank Paint Maint. Amort.	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ -	15%	0%
5376	Cont Srv-Temporary Help	\$ -	\$ -	\$ -	\$ -	\$ -	1%	#DIV/0!
5378	Cont Srv-Test/Maint. of Equipment	\$ -	\$ -	\$ 1,250	\$ 1,250	\$ 1,250	0%	0%
5384	Cont Srv-Testing Water Samples	\$ 6,730	\$ 8,800	\$ 9,000	\$ 9,000	\$ 200	2%	0%
5388	Cont Srv-Uniform Cleaning/Rental	\$ 1,628	\$ 1,500	\$ 1,600	\$ 1,600	\$ 100	7%	0%
	<b>Total CONTRACTUAL SERVICES</b>	<b>\$ 184,044</b>	<b>\$ 234,289</b>	<b>\$ 243,114</b>	<b>\$ 254,766</b>	<b>\$ 20,477</b>	<b>9%</b>	<b>4.8%</b>
4098	<b>54 - MATERIALS &amp; SUPPLIES:</b>							
5410	Supplies-Clothing, Uniforms, Boots	\$ 1,356	\$ 1,700	\$ 3,098	\$ 2,300	\$ 600	35%	-26%
5412	Supplies-Copier & Computers	\$ 633	\$ 600	\$ 693	\$ 700	\$ 100	17%	1%
5418	Supplies-Forms, Checks & Misc	\$ -	\$ 1,000	\$ 500	\$ 1,000	\$ -	0%	100%
5423	Supplies-Ammonia	\$ 3,516	\$ 4,000	\$ 4,100	\$ 4,100	\$ 100	3%	0%
5424	Supplies-Sod. Hypochlorite	\$ 47,151	\$ 33,000	\$ 34,000	\$ 36,000	\$ 3,000	9%	6%
5425	Supplies-Flouride	\$ 4,530	\$ 9,000	\$ 5,000	\$ 7,500	\$ (1,500)	-17%	50%
5426	Supplies-CO2	\$ 5,408	\$ 5,000	\$ 15,000	\$ 14,000	\$ 9,000	180%	-7%
5427	Supplies-Lime	\$ 7,620	\$ 12,000	\$ 12,000	\$ 12,000	\$ -	0%	0%
5428	Supplies-Water Treatment	\$ 8,822	\$ 12,000	\$ 12,000	\$ 12,000	\$ -	0%	0%
5436	Supplies-Office	\$ 3,428	\$ 2,200	\$ 2,400	\$ 2,400	\$ 200	9%	0%
5438	Supplies-Operating	\$ 6,999	\$ 8,600	\$ 7,200	\$ 8,600	\$ -	0%	19%
5444	Supplies-Safety Supplies	\$ 2,565	\$ 2,800	\$ 2,100	\$ 2,800	\$ -	0%	33%
5458	Supplies-Vehicle	\$ 2,629	\$ 3,800	\$ 4,146	\$ 4,000	\$ 200	5%	-4%
	<b>Total MATERIAL &amp; SUPPLIES:</b>	<b>\$ 94,657</b>	<b>\$ 95,700</b>	<b>\$ 102,237</b>	<b>\$ 107,400</b>	<b>\$ 11,700</b>	<b>12%</b>	<b>5%</b>

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	\$ Change	% Change	% Change
		6/30/2014	6/30/2015	6/30/2015	6/30/2016	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15
		FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget			
4098	<b>55 - UTILITIES &amp; COMMODITIES:</b>							
5504	Utility-Electricity	\$ 27,994	\$ 24,000	\$ 31,000	\$ 31,000	\$ 7,000	29%	0%
5506	Utility-Electricity Pumping	\$ 3,478	\$ 4,000	\$ 3,100	\$ 3,300	\$ (700)	-18%	6%
5508	Utility-Heating Oil	\$ 7,238	\$ 2,000	\$ -	\$ -	\$ (2,000)	-100%	#DIV/0!
5514	Utility-Motor Fuel-Diesel	\$ 139	\$ 3,000	\$ 1,400	\$ 1,700	\$ (1,300)	-43%	21%
5516	Utility-Motor Fuel-Gasoline	\$ 12,131	\$ 13,500	\$ 11,500	\$ 13,000	\$ (500)	-4%	13%
5520	Utility-Propane	\$ 7,999	\$ 8,500	\$ 8,000	\$ 8,500	\$ -	0%	6%
5524	Utility-Sewer	\$ 885	\$ 1,000	\$ -	\$ -	\$ (1,000)	-100%	#DIV/0!
5528	Utility-Telephone & Cellular	\$ 5,192	\$ 3,900	\$ 3,900	\$ 4,000	\$ 100	3%	3%
5530	Utility-Water	\$ 1,050	\$ 600	\$ 600	\$ 600	\$ -	0%	0%
	<b>Total UTILITIES &amp; COMMODITIES</b>	<b>\$ 66,105</b>	<b>\$ 60,500</b>	<b>\$ 59,500</b>	<b>\$ 62,100</b>	<b>\$ 1,600</b>	<b>3%</b>	<b>4%</b>
4098	<b>56 -REPAIRS &amp; MAINTENANCE</b>							
5602	Rep & Mt-Buildings	\$ 2,999	\$ 2,000	\$ 4,000	\$ 2,000	\$ -	0%	-50%
5618	Rep & Mt-Equipment, Gen'l	\$ 2,452	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0%	0%
5626	Rep & Mt-Hydrants	\$ 3,297	\$ 8,000	\$ 6,600	\$ 7,500	\$ (500)	-6%	14%
5628	Rep & Mt-Mains	\$ 34,078	\$ 35,000	\$ 39,000	\$ 38,000	\$ 3,000	9%	-3%
5630	Rep & Mt-Meters	\$ 37,319	\$ 63,000	\$ 61,000	\$ 63,000	\$ -	0%	3%
5634	Rep & Mt-Plant & Wtr Treatmnt Equipmnt	\$ 5,800	\$ 5,000	\$ 6,000	\$ 6,000	\$ 1,000	20%	0%
5642	Rep & Mt-Pumping Equipment	\$ 4,430	\$ 3,300	\$ 3,000	\$ 3,300	\$ -	0%	10%
5650	Rep & Mt-Services	\$ 15,437	\$ 11,000	\$ 20,493	\$ 13,500	\$ 2,500	23%	-34%
5652	Rep & Mt-Standpipes	\$ 200	\$ 500	\$ 500	\$ 500	\$ -	0%	0%
5658	Rep & Mt-Vehicles	\$ 138	\$ 5,000	\$ 2,000	\$ 4,500	\$ (500)	-10%	125%
	<b>Total REPAIRS &amp; MAINTENANCE</b>	<b>\$ 106,151</b>	<b>\$ 135,300</b>	<b>\$ 145,093</b>	<b>\$ 140,800</b>	<b>\$ 5,500</b>	<b>4%</b>	<b>-3%</b>
4098	<b>57 -EQUIPMENT PURCHASES</b>							
5700	Equip Purch-Computers & Printers	\$ 7,026	\$ 8,700	\$ 7,886	\$ 2,600	\$ (6,100)	-70%	-67%
5702	Equip Purch-Office Furniture	\$ 4,193	\$ 5,000	\$ 1,980	\$ -	\$ (5,000)		
5704	Equip Purch-Operating Equipment	\$ 8,679	\$ 11,700	\$ 12,056	\$ 19,000	\$ 7,300	62%	58%
	<b>Total EQUIPMENT PURCHASES</b>	<b>\$ 19,898</b>	<b>\$ 25,400</b>	<b>\$ 21,922</b>	<b>\$ 21,600</b>	<b>\$ (3,800)</b>	<b>-15%</b>	<b>-1%</b>

		APY	BTY	ETY	RNY	RNY	RNY	RNY
		Actual Last Yr.	Budget This Yr	Estimate This Yr	Request Next Yr	\$ Change	% Change	% Change
		6/30/2014	6/30/2015	6/30/2015	6/30/2016	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15
		FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget			
4098	<b>58 - OTHER-INS, TRVL, ADV, MISC:</b>							
5800	Advertising	\$ 1,591	\$ 2,100	\$ 2,000	\$ 2,100	\$ -	0%	5%
5802	Uncollectible Customer Accts	\$ 300	\$ 1,000	\$ 500	\$ 1,000	\$ -	0%	100%
5808	Dues-Licenses & Other	\$ 3,903	\$ 3,900	\$ 3,900	\$ 3,900	\$ -	0%	0%
5822	Insurance-General & Pub Off. Liab.	\$ 5,162	\$ 5,200	\$ 5,439	\$ 5,500	\$ 300	6%	1%
5824	Insurance-Property & Casualty	\$ 6,324	\$ 6,500	\$ 5,922	\$ 6,400	\$ (100)	-2%	8%
5826	Insurance-Vehicle Coll./Liab.	\$ 2,224	\$ 2,300	\$ 1,863	\$ 2,200	\$ (100)	-4%	18%
5832	Permits & Fees	\$ 336	\$ 500	\$ 700	\$ 600	\$ 100		-14%
5836	Postage & Shipping Costs	\$ 1,977	\$ 2,600	\$ 2,300	\$ 2,600	\$ -	0%	13%
5840	Regulatory Assessments	\$ 9,221	\$ 9,200	\$ 9,300	\$ 9,300	\$ 100	1%	0%
5844	Training, Workshops, Etc.	\$ 1,480	\$ 2,100	\$ 2,100	\$ 2,100	\$ -	0%	0%
5846	Travel, Rooms, Miles & Meals	\$ 2,734	\$ 2,600	\$ 1,900	\$ 2,600	\$ -	0%	37%
6008	Rate Case Amortization	\$ 4,900	\$ 4,900	\$ 4,900	\$ 4,900	\$ -	0%	0%
	<b>Total OTHER-INS, TRAVL, ADV, MISC</b>	<b>\$ 40,152</b>	<b>\$ 42,900</b>	<b>\$ 40,824</b>	<b>\$ 43,200</b>	<b>\$ 300</b>	<b>1%</b>	<b>6%</b>
4098	<b>59 - UNCLASSIFIED</b>							
5910	Debt Service-Interest	\$ 134,995	\$ 127,961	\$ 127,961	\$ 119,736	\$ (8,225)		
	<b>Total Debt Service-Interest</b>	<b>\$ 134,995</b>	<b>\$ 127,961</b>	<b>\$ 127,961</b>	<b>\$ 119,736</b>	<b>\$ (8,225)</b>	<b>-6%</b>	<b>-6%</b>
4098	<b>60 - DEPRECIATION &amp; AMORT.:</b>							
6000	Amortization-Acquisition Adjustment	\$ 70,124	\$ 70,124	\$ 70,124	\$ 70,124	\$ -		
6006	Amortization-Debt Expenses	\$ 759	\$ 759	\$ 759	\$ 759	\$ -		
4610	Amortization of Prem. On Debt	\$ -	\$ -	\$ -	\$ -	\$ -		
6009	Amortization of Bldg Lease Imprvmnts	\$ 19,104	\$ -	\$ -	\$ -	\$ -		
6012	Depreciation-	\$ 176,240	\$ 155,000	\$ 204,000	\$ 204,000	\$ 49,000		
6014	Depreciation-Cont In Aid of Construction	\$ 9,682	\$ 9,200	\$ 10,000	\$ 10,000	\$ 800		
	<b>Total Depreciation &amp; Amortization Exps:</b>	<b>\$ 275,909</b>	<b>\$ 235,083</b>	<b>\$ 284,883</b>	<b>\$ 284,883</b>	<b>\$ 49,800</b>	<b>21%</b>	<b>0%</b>

	APY	BTY	ETY	RNY			
	Actual Last Yr.	Budget This Yr.	Estimate This Yr.	Request Next Yr.	RNY	RNY	RNY
	6/30/2014	6/30/2015	6/30/2015	6/30/2016	\$ Change	% Change	% Change
	FY14 Actual	FY15 Budget	FY15 Estimate	FY16 Budget	vs. Bgt.'15	vs. Bgt.'15	vs. Est.'15

<b>Capital Expenditures</b>
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4098-

6906	<b>Spectrophotometer/Lakehse PLC Upd.</b>	\$ 8,498	\$ -	\$ -	\$ 6,000		
6908	<b>Asset Management System</b>		\$ -	\$ -	\$ -		
6910	<b>Utility Billing Software</b>	\$ -	\$ 10,000	\$ 15,210	\$ -		
6914	<b>Pipe Fusion Machine</b>	\$ -	\$ -	\$ -	\$ -		
6912	<b>Backup Lime Pump</b>		\$ -	\$ -	\$ 7,500		
6916	<b>DuckBrook Pmp Sta.-UV Upgrade</b>	\$ 55,950	\$ -	\$ -	\$ -		
6918	<b>Hydrants Replacements</b>	\$ 8,745	\$ 10,000	\$ 8,931	\$ 10,000		
6922	<b>Main Replacements</b>	\$ 39,290	\$ 435,275	\$ 375,886	\$ 1,773,250		
6924	<b>Paint Pumphse basement walls</b>		\$ -	\$ -	\$ -		
6928	<b>Service Replacements</b>	\$ 17,397	\$ 10,000	\$ 2,473	\$ 10,000		
6932	<b>Vehicles - New Vacuum Trailer - FY15</b>		\$ 70,000	\$ 60,121	\$ -		
6932	<b>Vehicles-Pickup Truck - 2006</b>		\$ -	\$ 30,017	\$ 37,000		
6950	<b>Authorized PUC CIP Reserve-Mains</b>	\$ -	\$ -		\$ 5,000		
	<b>Totals-Gross Capital Spending</b>	<b>\$ 129,880</b>	<b>\$ 535,275</b>	<b>\$ 492,638</b>	<b>\$ 1,848,750</b>	<b>245%</b>	<b>275%</b>
	Less: CIAC	\$ (60,108)	\$ -	\$ (1,824)	\$ -		
	Less: Bonding (mains/ uv projct)	\$ -	\$ (407,886)	\$ (370,693)	\$ (1,700,000)		
	<b>Net Capital Spending (internal funds)</b>	<b>\$ 69,772</b>	<b>\$ 127,389</b>	<b>\$ 120,121</b>	<b>\$ 148,750</b>	<b>17%</b>	<b>24%</b>

Jan - Mar activity CIP included above

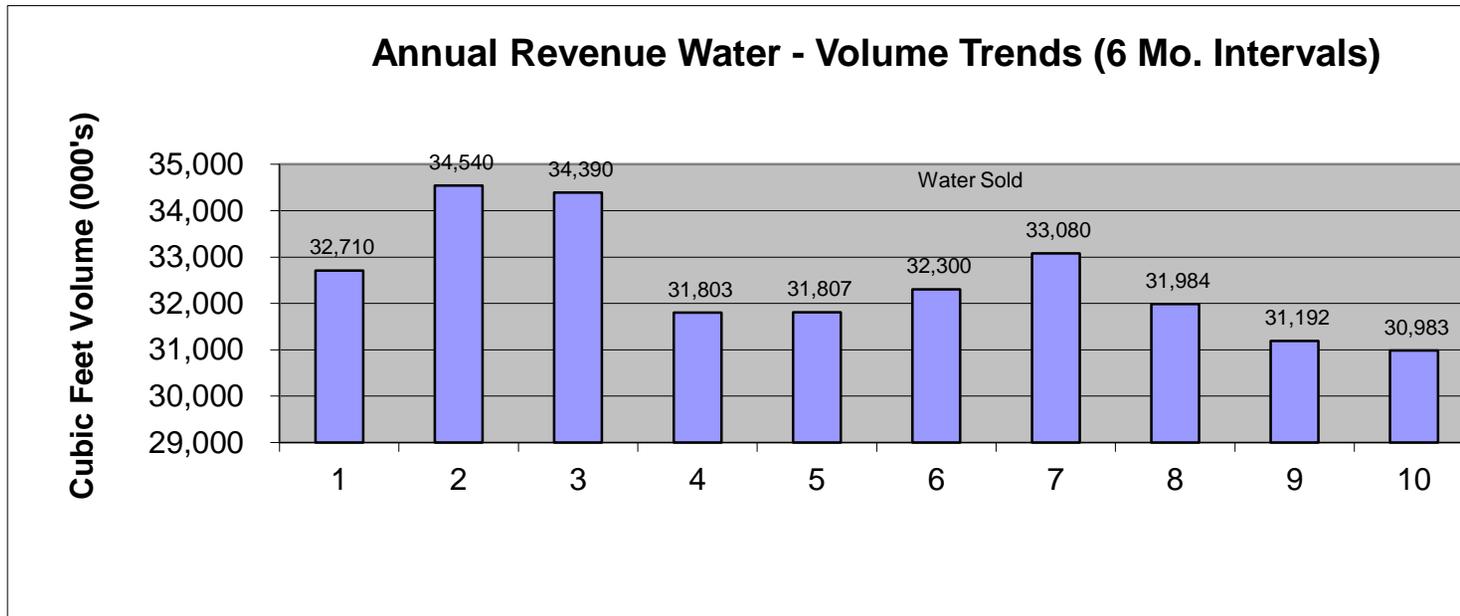
\$ 390,874

**List of Positions - Authorized Wages**

A/c #	-base pay-	Present Rate @ 6-30-15	June '15 Base Wage	Proposed 2.7% Rate or Hours 2080	FY16 Proposed Base Wages 2.7%	Proposed FY16 Budget
5100	Superintendent -Salary- Van Trump Less 1/2 charged to Wastewater	\$ 80,000	\$ 80,000		\$ 82,160 \$ (41,080)	\$ 82,160 \$ (41,080)
	Foreman/Lic.Oper.-Tinker	\$ 23.37	\$ 48,610	\$ 24.00	\$ 49,922	\$ 49,922
	Office Manager-Warner	\$ 19.99	\$ 41,579	\$ 20.53	\$ 42,702	\$ 42,702
	Equip. Operator/Lic. Oper.-Kidder	\$ 20.24	\$ 42,099	\$ 20.79	\$ 43,236	\$ 43,236
	Water Maint. Worker-Winslow	\$ 19.40	\$ 40,352	\$ 19.92	\$ 41,442	\$ 41,442
	Water Maint. Worker-Anderson	\$ 17.16	\$ 35,693	\$ 17.62	\$ 36,657	\$ 36,657
				\$ -	\$ -	\$ -
5105	<b>Total wages-hourly</b>		\$ 208,333		\$ 213,958	\$ 213,958
	Scheduled Overtime-Avg. OT rate (3)	\$ 32.36	\$ 23,242	832	\$ 26,924	\$ 26,924
	Unscheduled Overtime-Avg. OT rate (3)	\$ 32.36	\$ 15,000	420	\$ 13,591	\$ 13,591
			\$ -		\$ -	\$ -
5110	<b>Total wages-overtime</b>		\$ 38,242		\$ 40,515	\$ 40,515
	<b>Totals - Salaries &amp; Wages</b>		\$ 326,575		\$ 295,553	\$ 295,553
	<b>Actual Unscheduled Overtime Hours - CY 2014</b>			836		
	<b>Actual Unscheduled Overtime Hours - CY 2013</b>			358		
	<b>Actual Unscheduled Overtime Hours - CY 2012</b>			332		
	<b>Actual Unscheduled Overtime Hours - CY 2011</b>			491		

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

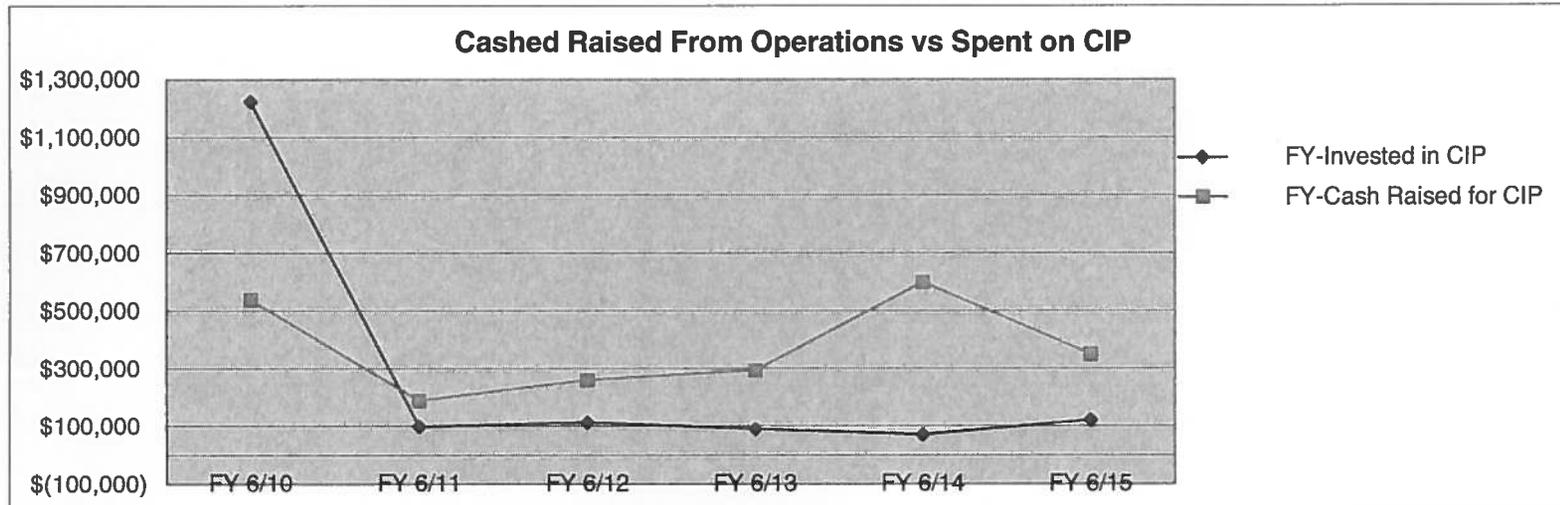
	Jun-10 FY 1	Dec-10 PUC Yr 2	Jun-11 FY 3	Dec-11 PUC Yr 4	Jun-12 FY 5	Dec-12 PUC Yr 6	Jun-13 FY 7	Dec-13 PUC Yr 8	Jun-14 FY 9	Dec-14 PUC Yr 10
<b>Billed Consumption</b>	32,710	34,540	34,390	31,803	31,807	32,300	33,080	31,984	31,192	30,983
<b>6 Month % Changes</b>		6%	0%	-8%	0%	2%	2.4%	-3.3%	-2%	-1%
YTD -(4.5) year % change										-5.3%
1% average decrease in annual consumption										
<b>Production Water</b>		51,160		50,337		51,000		46,350		45,959
YTD 4 Year % change										-10.2%



Town of Bar Harbor  
2016 Water Budget

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

	6/30/2010 (8.75 yrs)	6/30/2011	6/30/2012	6/30/2013	6/30/2014	6/30/2015 (est)	13.75 yrs Totals
<b>Cash Generated &amp; Available for Increase of Working Capital or CIP:</b>							
Fiscal Year	\$ 538,351	\$ 187,892	\$ 259,250	\$ 293,731	\$ 598,505	\$ 349,472	\$ 2,227,201
<b>Gross Capital Investment:</b>	\$ 1,824,607	\$ 574,996	\$ 309,306	\$ 2,977,312	\$ 129,880	\$ 492,638	\$ 6,308,739
<b>Less: Paid by Bonds &amp; Other Sources</b>	\$ 600,731	\$ 477,378	\$ 197,048	\$ 2,888,250	\$ 60,108	\$ 372,517	\$ 4,596,032
<b>Internally Generated Cash Used For Capital Expenditures</b>	\$ 1,223,876	\$ 97,618	\$ 112,258	\$ 89,062	\$ 69,772	\$ 120,121	\$ 1,712,707
<b>Net Increase (Decrease) In Working Capital Since Buying Water Co.:</b>							\$ 514,494



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
			FY16	FY17	FY18	FY19	FY20	Five Year
			Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Spending
<b>Vehicles</b>								
6932	94 Backhoe/Loader	1994				90,000		90,000
6932	14' Starcraft boat	1998						-
6932	00 GMC Sierra-2500 (from DPW)	2000						-
6932	05 GMC Sierra Util Pickup-2500	2005						-
6932	11 GMC Sierra Supt Pickup-2500	2011						-
6932	06 GMC Sierra Pickup-2500	2006	37,000					37,000
6932	New Vacuum Trailer	2014						-
<b>Facilities</b>								
	Pumphouse-Paint basement walls			10,000				10,000
	Standpipe Coating-1936 Steel Tank				65,000	65,000	65,000	195,000
	PUC authorized CIP reserve		-					-
<b>Equipment</b>								
6908	Asset Management System	new		25,000				25,000
6916	Pipe Fusion Machine (Crissy)	new		25,000				25,000
6906	Lakehouse PCL & Comm. Upgrade	new	6,000					6,000
6912	Backup lime pump	new	7,500					7,500
			-	-				-
			-	-				-
			-	-				-
<b>Mains (Rep = replacement)</b>								
6922	Rep Crooked Road-1380'	2011 Bond						-
6922	Rep Oliver St.-550' -2" galv	2011 Bond		-	-			-
6922	Rep Ash Place-500' - 1 1/2"	Work Cap	73,250	-				73,250
6922	Rep Shannon Road - 1500'	New Bond	-				246,400	246,400
6922	Rep Atlantic Ave - 6" CI -1927- 760'	New Bond			139,300		-	139,300
6922	Rte #3 Project-Coordinate with DOT	New Bond	1,700,000					1,700,000
6922	Rep Des Isle Ave - 2" galv -1937 - 495'	New Bond			81,275		-	81,275
6922	Rep Hancock St. - 6" - 1898 - 1800'	New Bond				281,150		281,150
6922	Rep Center St.-550' - 1 1/2" 1933	2011 Bond			-			-
6922	Rep Highbrook Rd.-850' extension	New Bond				-		-
6922		New Bond						-
6922	Rep Rodick St. (West to Cottage)-470'	New Bond		95,950	-			95,950
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 Cottage St. - 400'	New Bond		63,308				63,308
6922	Rep Glen Mary Road - 1350'	New Bond	-				225,450	225,450
6922	Rep Pleasant St.	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
			FY16	FY17	FY18	FY19	FY20	Five Year
			Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Funding/Spending	Spending
			-			-	-	-
						-		-
								-
								-
	<i>Mains - subtotal</i>		1,773,250	341,333	293,025	625,100	662,900	3,695,608
6918	<b>Hydrants</b> -from road construction		10,000	10,000	10,000	10,000	10,000	50,000
6950	<b>CIP Reserve</b> -PUC authorized		5,000	10,000	20,000	20,000	20,000	75,000
6928	<b>Services</b> - Rebuild from road const		10,000	10,000	10,000	10,000	10,000	50,000
								-
<b>Totals</b>			<b>1,848,750</b>	<b>431,333</b>	<b>398,025</b>	<b>820,100</b>	<b>767,900</b>	<b>4,266,108</b>

<b>Funded From:</b>	Operations	148,750	90,000	105,000	195,000	105,000	643,750
	Other adjustments/Reserves						-
	20 Year Bonding-new bonds	1,700,000	341,333	293,025	625,100	662,900	3,622,358
	20 Year Bonding-existing	-	-		-	-	-
		1,848,750	431,333	398,025	820,100	767,900	4,266,108

20 Year Bonding- added annual debt service on \$3,622,250

@4.0% = \$266,000 per year or 15% rate impact

# Memo

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To: Cornell Knight, Town Manager  
From: Chip Reeves, Public Works Director  
Date: December 8, 2014  
Re: Consolidated Five Year Capital Work Plan

---

Please find attached the above referenced Consolidated Work Plan (CWP). This plan has been reworked to show a more accurate estimate of scheduling and costs of the listed projects.

In the CWP you will note highlighted cells in yellow. This denotes projects that are funded through present bonding, rates or taxation. You will also note that budgeted amounts for different project categories have been blacked out. This will help to maintain the Town's competitive bidding process which we continue to benefit from.

Projects listed in the Wastewater Fund contain scopes of work that include manhole replacement, service replacement and main re-lining as deemed necessary per project. The projects are listed to coordinate scheduling of service and manhole replacement, or any other work requiring excavation, with water and road/sidewalk replacement work. Main re-lining can occur before or after manhole replacement. We have found that we get much better pricing for re-lining if our total quantity depending upon size is around 1500 LF. Therefore, the re-line work will be bid out at different times than shown on the CWP.

The Lower Main Street project is the scope of work developed by Land Design Group through a series of meetings by stake holders and abutters along that road. The total dollars budgeted do not reflect a formal agreement with MDOT as we have yet to approach them with the project. Additionally, the conceptual estimate should be reviewed as well as the scope of work, since it was developed in 2006.

Finally at the bottom of the spreadsheet you will see an accounting of remaining bond monies unspent by fund. You will also see a row labeled appropriated (Approp) from rates or taxes. Following that you will see the calculation of future borrowing required and the fiscal year that funding would need to be requested if the CWP is approved as proposed.

Please call with questions.

**Consolidated Capital Work Program**  
Present Year to FY 20

Present Year

FY 15	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	FY Consolidated Capital Costs
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
Ash Place	\$ 60,560	Ash Place	\$ 73,250	Crooked Road	\$175,354		
Oliver Street	\$ 52,910	Oliver Street	\$ 71,827	Oliver Street	\$171,058	\$ 25,523	
Center Street	\$ 36,355	Center Street	\$ 55,147	Center Street	\$ 98,712	\$ 27,119	
		Crooked Road	\$ 230,195				
		Highbrook Road		Highbrook Road			
				Cromwell Harbor Bridge			
ML Desert Street		Mt. Desert Street		Mt. Desert Street			
				Paving	\$ 250,000		
<b>Category Total</b>	<b>\$ 212,420</b>	<b>Category Total</b>	<b>\$ 566,369</b>	<b>Category Total</b>	<b>\$1,403,458</b>	<b>\$ 52,641</b>	
<b>FY Fund Total</b>	<b>\$ 212,420</b>	<b>FY Fund Total</b>	<b>\$ 566,369</b>	<b>FY Fund Total</b>		<b>\$ 1,456,100</b>	<b>\$ 2,234,889</b>

Year One  
FY16

FY 16	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
MDOT Route #3 Project	\$ 20,000	MDOT Route #3 Project	\$ 1,700,000	MDOT Route #3 Project	\$ 540,000		
				Paving	\$ 250,000		
<b>Category Total</b>	<b>\$ 20,000</b>	<b>Category Total</b>	<b>\$ 1,700,000</b>	<b>Category Total</b>	<b>\$ 790,000</b>	<b>\$ -</b>	
<b>FY Fund Total</b>	<b>\$ 20,000</b>	<b>FY Fund Total</b>	<b>\$ 1,700,000</b>	<b>FY Fund Total</b>		<b>\$ 790,000</b>	<b>\$ 2,510,000</b>

Year Two  
FY17

FY 17	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
Rodick		Rodick		Rodick			
Wayman Lane				Wayman			
Livingston Road		Livingston Road		Livingston			
Cottage Street		Cottage Street		Cottage Street			
				Paving	\$ 250,000		
<b>Category Total</b>	<b>\$ 66,064</b>	<b>Category Total</b>	<b>\$ 341,333</b>	<b>Category Total</b>	<b>\$ 1,374,658</b>	<b>\$ 373,108</b>	
<b>FY Fund Total</b>	<b>\$ 66,064</b>	<b>FY Fund Total</b>	<b>\$ 341,333</b>	<b>FY Fund Total</b>		<b>\$ 1,747,766</b>	<b>\$ 2,155,163</b>

Year Three  
FY18

FY 18	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
Atlantic Avenue		Atlantic Avenue		Atlantic Avenue			
Derby Lane		Derby Lane		Derby Lane			
Des Isle Avenue		Des Isle Avenue		Des Isle Avenue			
Stephens Lane				Paving			
<b>Category Total</b>	<b>\$ 161,635</b>	<b>Category Total</b>	<b>\$ 293,025</b>	<b>Category Total</b>	<b>\$ 581,022</b>	<b>\$ 79,038</b>	
<b>FY Fund Total</b>	<b>\$ 161,635</b>	<b>FY Fund Total</b>	<b>\$ 293,025</b>	<b>FY Fund Total</b>		<b>\$ 660,060</b>	<b>\$ 1,114,620</b>

Year Four  
FY19

FY 19	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
Hancock Street		Hancock Street		Hancock Street			
Pleasant Street		Pleasant Street		Pleasant Street			
Lower Main Street		Lower Main Street		Lower Main Street			
				Paving	\$ 250,000		
<b>Category Total</b>	<b>\$ 300,143</b>	<b>Category Total</b>	<b>\$ 726,600</b>	<b>Category Total</b>	<b>\$ 999,378</b>	<b>\$ 708,787</b>	
<b>FY Fund Total</b>	<b>\$ 300,143</b>	<b>FY Fund Total</b>	<b>\$ 726,600</b>	<b>FY Fund Total</b>		<b>\$ 1,708,165</b>	<b>\$ 2,734,907</b>

Year Five  
FY 20

FY 20	Mains/Manholes	Water Fund	Mains	General Fund	Road CIP	Sidewalk CIP	
<b>Wastewater Fund</b>		<b>Water Fund</b>		<b>General Fund</b>			
Shannon Road		Shannon Road		Shannon Road			
Holland Ave		Holland Ave		Holland Ave			
Glen Mary Road		Glen Mary Road		Glen Mary Road			
				Paving	\$ 250,000		
<b>Category Total</b>	<b>\$ 123,338</b>	<b>Category Total</b>	<b>\$ 662,900</b>	<b>Category Total</b>	<b>\$ 1,360,550</b>	<b>\$ 133,503</b>	
<b>FY Fund Total</b>	<b>\$ 123,338</b>	<b>FY Fund Total</b>	<b>\$ 662,900</b>	<b>FY Fund Total</b>		<b>\$ 1,494,053</b>	<b>\$ 2,280,290</b>

Total Spending	\$ 883,499		\$ 4,280,227		\$ 6,508,066	\$ 1,347,077	\$ 13,029,869
YELLOW MEANS WE ARE ALREADY BONDED							\$ 13,029,869
Remaining Bond Money Unspent	\$ 555,739		\$ 408,388		\$ 738,641		
Transfer in from Cruise Ships	\$ -		\$ -		\$ -	\$ 515,621	
Approp from Past Fees or Taxes	\$ -		\$ (17,871)	bond rounding	\$ 808,865	\$ 434,031	
Rts #3 DOT or Spec. Tax Assessments	\$ -		\$ -		\$ 540,000	\$ 224,547	
Approp. From Future Borrowing	\$ -		\$ 3,800,000		\$ 2,800,000	\$ -	
Approp from future Fees or Taxes	\$ 327,760		\$ 101,500		\$ 1,523,530	\$ 172,878	
Totals	\$ 883,499		\$ 4,280,227		\$ 6,508,066	\$ 1,347,077	
Future Borrowing Required	\$ -	funded by existing rates	\$ 3,800,000		\$ 2,800,000	\$ -	

3.75% - 20 yrs - 3274,000  
15% water rate increase

\$202,000 debt service  
+1.4% increase in tax rate

Town of Bar Harbor  
FY 2016 Water Budget

**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	FY2020 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	Washout Inspection & Emer Serv
<b>Jackson Lab Tank</b>								(cola)			
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	\$ 14,714	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 16,250
Totals: (Cash)	\$ 48,507	\$ 64,677	\$ 64,677	\$ 64,677	\$ 27,242	\$ 15,000	\$ 15,250	\$ 15,500	\$ 15,750	\$ 16,000	\$ 16,250
						#5372	#5372				
<b>Duck Brook Steel Tank</b>											
start new maint. contract:								\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Painting contract:								\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Costs:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Totals: cash paid	\$ 48,507	\$ 64,677	\$ 64,677	\$ 64,677	\$ 27,242	\$ 15,000	\$ 15,250	\$ 80,500	\$ 80,750	\$ 81,000	\$ 81,250
Amortization - #5374	\$ 15,000	\$ 22,500	\$ 26,000	\$ 26,500	\$ 27,000	\$ 27,000					

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

Tank Painting Maint.

Water Division  
6-30-15

Description	Estimated amort costs	4 year program -Jackson Lab Tank \$ spent				
		History:	Paid	\$	Year	
1936 Tank @ Duckbrook-528,000 gal. Riveted Steel Tank Painted around 1970, Painted in '93, with inside coating 20 year outside life; dry inside Nov. to April	\$ 270,000	FY10	Nov '09-Oct 10	10-Dec	64,676.17	1
		FY11	Nov'10-Jan'11	10-Nov	16169.06	
		FY11	Feb'11-Apr'11	11-Feb	16169.05	
		FY11	May'11-Jul'11	11-May	16169.05	
1968 Jackson Lab Tank-500,000 gal. Welded Steel Tank Filled with water year round contract 4 x \$64,676. 20 yr life - painted, etc. in 2010/11 annual maint. is now \$14,714 per year	\$ 270,000	FY12	Aug'11-Oct'11	11-Jul	16169.05	2
					64,676.21	
		Fy12	Nov'11-Jan'12	11-Nov	16169.05	
		Fy12	Feb'12-Apr'12	12-Feb	16169.05	
2001 Duckbook Concrete Undergrnd Tank-500,000 gal. No Painting; normal Maintenance -Cleaning Lime settlement every 4 years	\$ -	Fy12	May'12-Jul'12	12-May	16169.05	3
		Fy13	Aug'12-Oct'12	12-Aug	16169.05	
					64,676.20	
		FY13	Nov'12-Jan'13	12-Nov	16169.05	
1922 Salisbury Cove Tank - 50,000 Gal Riveted Steel Tank Expect to replace and not re-paint	\$ -	FY13	Feb'13-Apr'13	13-Feb	16169.05	4
		FY13	May'13-July'13	13-May	16169.05	
		FY14	Aug'13-Oct'13	13-Aug	16169.05	
					64,676.20	
Total Estimated Future Costs over 20 years	\$ 540,000	/20 yrs =27,000 per year in FY13				
Beg. Balance in Prepayments at 7/1/14	\$ 61,217.78	A/C# 40-1710	Grand Totals - 4 yr program		258,704.78	
			Prepaid Tank Painting Exp			
Annual amortization: 20 years - APPROX (2 steel tanks)	\$ 27,000	FY 16 BUDGET				
6 months to Dec 2014 amort CY14	\$ (13,500.00)	as per 50% of budget				
<b>Balance @ 12/31/2014</b>	<b>\$ 47,717.78</b>	<b>A/C # 40-1710</b>				
	\$ -					
6 months to June 2015 amort CY 15	\$ (13,500.00)	as per 50% of budget				
<b>Balance- Prepayments @ 6/30/15</b>	<b>\$ 34,217.78</b>	<b>#40-1710</b>	<b>Prepaid Tank Painting Exp</b>			
	<b>\$ 27,000.00</b>	<b>#4098-5374 FY15 amortization</b>				

Town of Bar Harbor  
FY 2016  
Water Budget

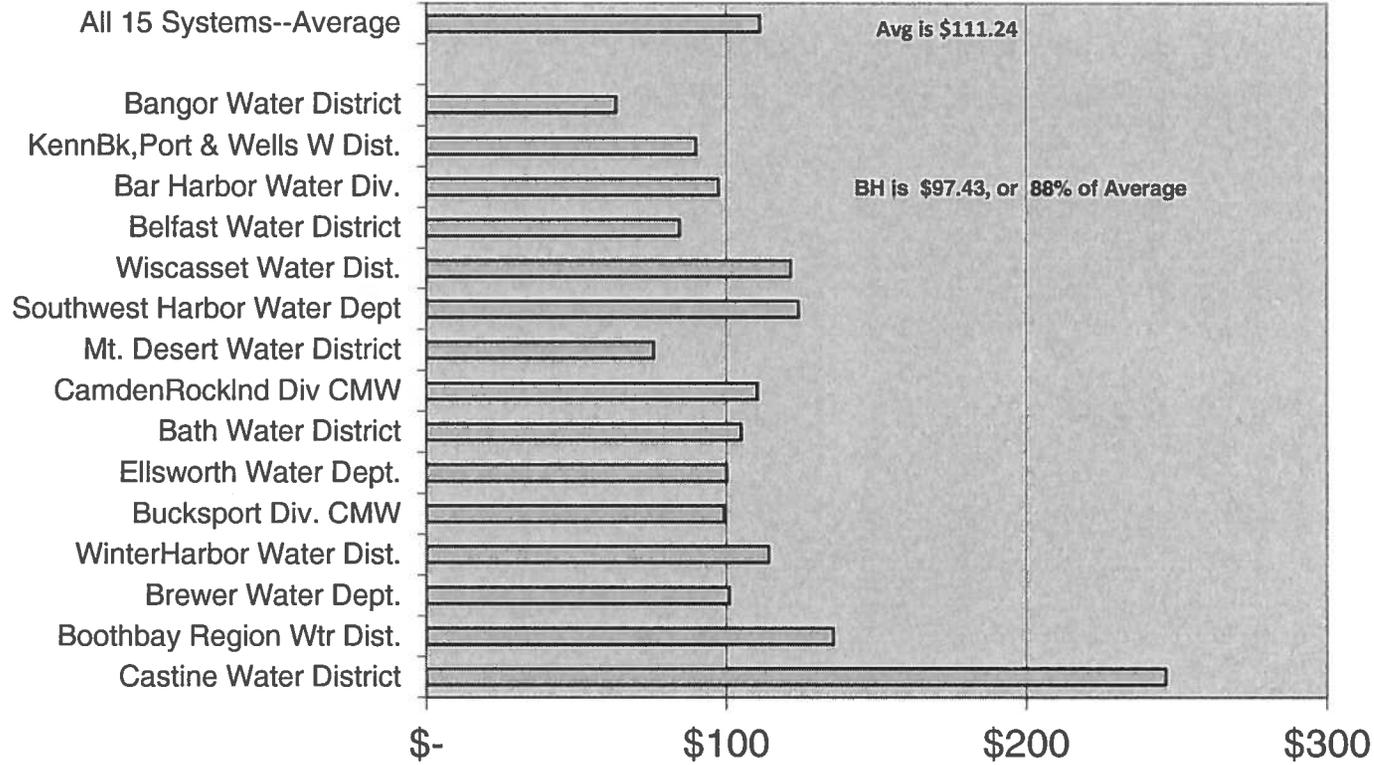
**Calculation of Estimated Rate Increase**

	Base- Budget	Adjustments	Pro-Forma
<b>Total Operating Expenses:</b>			
Payroll & Benefits	\$ 432,925		\$ 432,925
Contractual Services	\$ 254,766		\$ 254,766
Materials & Supplies	\$ 107,400		\$ 107,400
Utilities & Commodities	\$ 62,100		\$ 62,100
Repairs & Maintenance	\$ 140,800		\$ 140,800
Minor Equipment Purchases	\$ 21,600		\$ 21,600
Other Miscellaneous Expenses	\$ 43,200		\$ 43,200
subtotal-cash expenses			\$ 1,062,791
Depreciation & Amortization	\$ 284,883	\$ (70,124)	\$ 214,759
Utility Operating Expenses:	\$ 1,347,674	\$ (70,124)	\$ 1,277,550
Debt Service: Interest	\$ 122,000		\$ 122,000
Principal	\$ 467,000	\$ -	\$ 467,000
<b>New annual debt service (\$1.7 million)-3.75%-20 yrs</b>			\$ 122,000
<b>Total Base Expenses for Rates</b>	<b>\$ 1,936,674</b>	<b>\$ (70,124)</b>	<b>\$ 1,988,550</b>
Contingency Allowance: 5%		5%	\$ 99,427
Total Gross Revenue Required:			\$ 2,087,977
Revenues @ current rates:			\$ 1,775,000
Revenues added into FY16 budget in Anticipation of rate changes on 1/1/16			<u>\$ 144,305</u> \$ 1,919,305
Estimated Increase in Annual Revenues Required:			\$ 312,977
<b>Estimated Increase of rates needed</b>			<b>17.6%</b>
<b>The Breakdown as to why?:</b>			
Added Debt Service-Rte #3	\$ 122,000	39%	
Added Depreciation-New pumphouse & equipment	\$ 94,759	30%	
Added Operation Exp & Contingency since 2013	<u>\$ 96,218</u>	31%	
	\$ 312,977	100%	

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

Town of Bar Harbor  
2016 Water Budget

### Water Rate Comparisons - Family Usage @ 2000 CF



Town of Bar Harbor  
2016 Water Budget

## Water Rate Comparisons

(USDA std)

<i>Utility Name</i>	<i>Qtr Minimum 1200 CuFt</i>	<i>Qtr - Family 2000 CuFt</i>	<i>Rates Effective</i>	<i>New Est</i>
---------------------	----------------------------------	-----------------------------------	----------------------------	----------------

**Unfiltered Systems:**

Brewer Water Dept.	\$ 75.51	\$ 100.95	2008	
Mt. Desert Water District	\$ -	\$ 75.80	2003	
ME Water Co,-Camden	\$ -	\$ 110.38	2012	
<b>Bar Harbor Water Div.</b>	<b>\$ 66.55</b>	<b>\$ 97.43</b>	<b>2013</b>	
Bangor Water District		\$ 63.29	2015	

Average Billing		\$ 89.57		
<b>BH Rate as a % of Avg. Rate</b>			<b>109%</b>	

**Filtered Systems:**

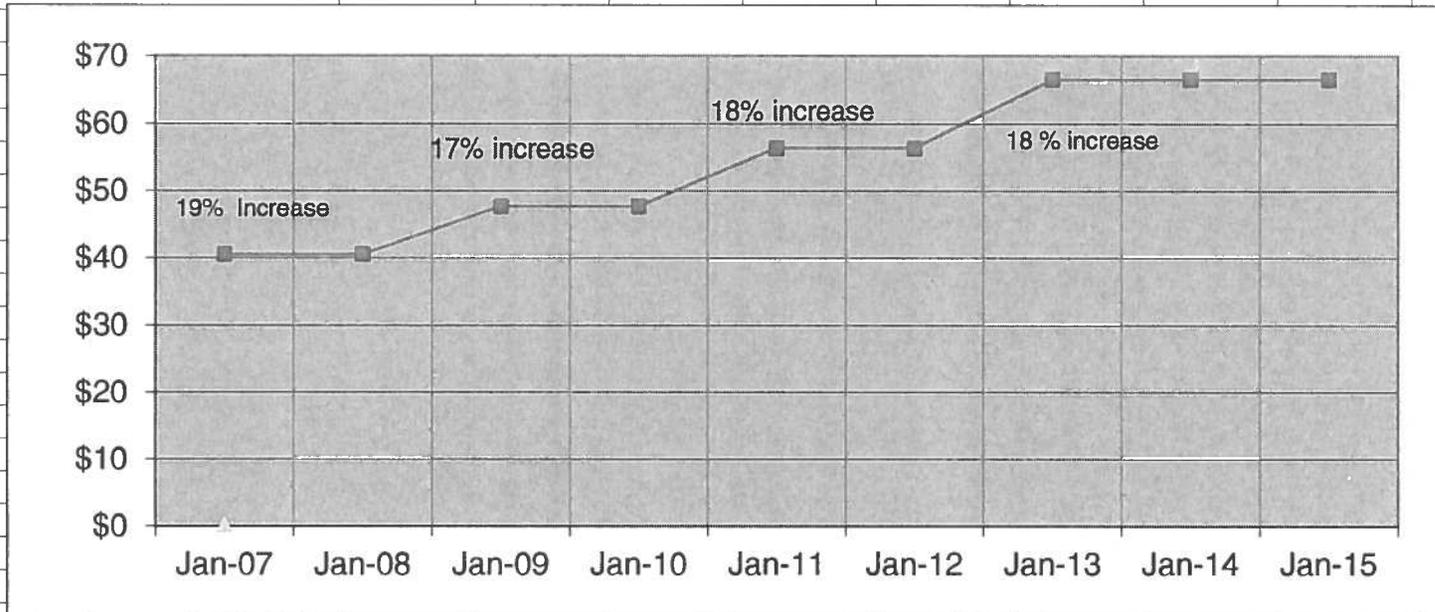
Castine Water District	\$ -	\$ 246.40	2011	
Boothbay Region Wtr Dist.	\$ -	\$ 135.65	2014	
WinterHarbor Water Dist.	\$ -	\$ 114.20	2012	
ME Water Co-Bucksport	\$ -	\$ 99.29	2012	
Ellsworth Water Dept.	\$ -	\$ 100.10	2008	
Bath Water District	\$ -	\$ 105.02	2011	
Southwest Harbor Water Dept	\$ -	\$ 124.12	2014	
Wiscasset Water Dist.	\$ -	\$ 121.52	2014	
Belfast Water District	\$ -	\$ 84.48	2015	
KennBk,Port & Wells W Dist.	\$ -	\$ 89.97	2014	

Average Billing	\$ -	\$ 122.08		
<b>BH Rate as a % of Avg. Rate</b>			<b>80%</b>	

All Systems-Average		\$ 111.24		
<b>BH Rate as a % of Avg. Rate</b>			<b>88%</b>	

Town Of Bar Harbor  
2016 Water Budget

History of Quarterly Minimum Water Charges									
Rate Increases by Town (on residential users)	19%		17%		18%		18%		
Effective Dates	1/1/07	1/1/08	1/1/09	1/1/10	1/1/11	1/1/12	1/1/13	1/1/14	1/1/15
Water Minimum Charge	\$ 40.59	\$ 40.59	\$ 47.70	\$ 47.70	\$ 56.39	\$ 56.39	\$ 66.55	\$ 66.55	\$ 66.55
Minimum Allowance	1200	1200	1200	1200	1200	1200	1200	1200	1200
<i>an average of 8% 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:

<u>Size of Meter</u> <u>In Inches</u>	<u>Monthly</u>		<u>Quarterly</u>	
	<u>Allowance</u>	<u>Charge</u>	<u>Allowance</u>	<u>Charge</u>
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	\$ 289.33	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 diamter, per year: **\$ 148.76**

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

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**//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.

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

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

**Debt Service**

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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
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	
<b>Totals</b>			<b>305,539.11</b>	<b>39,684.35</b>	<b>345,223.46</b>	<b>345,223.46</b>

~ ~ Debt Service Continued on Next Page ~ ~

# Debt Service

## A Responsibility of the Finance Department

### Bond Issue P - Public Works Projects: FY10

#### \*\*\*\*\* WATER FUND SHARE \*\*\*\*\*

FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Water Fund FY Total	FY
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			450,000.00	131,190.00	581,190.00	581,190.00	15

#### Summary of Bond Issue P:

CIP Fund Share	2,775,000	86.0%
Water Fund Share	450,000	14.0%
<b>Grand Total</b>	<b>\$3,225,000</b>	<b>100.0%</b>

## Debt Service

### A Responsibility of the Finance Department

**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		
<u>3,739,000 Total</u>		

Date of Issue: 9/15/11  
 Interest Rate = 2.0% - 3.50% (Avg. - 2.29%)  
 Payment Dates: December 1 (principal and interest) & June 1 (interest only)

Paying agent: Bank of New York/ Mellon Trust  
 Refinance: After Dec. 2021

FY	Date	Interest Rate	Principal Payment	Interest Payment	Payment Total	Fiscal Year Total
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
<b>Totals</b>			<b>2,749,283.00</b>	<b>456,775.52</b>	<b>3,206,058.52</b>	<b>3,206,058.52</b>

## Debt Service

### A Responsibility of the Finance Department

#### Bond Issue S

#### WATER SYSTEM IMPROVEMENTS: 2012 - SRF

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

Date of Issue: 10/1/12

Average Interest Rate = 1.5%

Payment Dates: October 1 (principal and interest) & April 1 (interest only)

Lender: Maine Municipal Bond Bank

Agent fee: None

<i>Fiscal Year</i>	<i>Date</i>	<i>Principal Payment</i>	<i>Interest Payment</i>	<i>Payment Total</i>	<i>Fiscal Year Total</i>
16	10/01/15	123,370.00	18,872.85	142,242.85	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	2,419,870.00	356,473.35	2,776,343.35	2,776,343.35