

**ABENAKI WATER COMPANY
CAPITAL EXPENDITURES REPORT
AS OF DECEMBER 31, 2014**

JOB ORDER #	A/C #	DESCRIPTION	CURRENT PERIOD	CURRENT YEAR TO DATE	CWIP @ 12/31/13	TOTAL PROJECT TO DATE	CAFC/ CIAC	EST PROJECT COST	STATUS/ COMMENTS	EST CASH DISBURSEMENTS		
										JAN	FEB	MAR
CAPITAL EXPENDITURES												
14-01-01	334	Purchase Meters (Annual Program) - LMC	2,744	30,943	-	30,943	-	\$ 20,000	On-Going	-	-	-
14-01-02	334	Purchase Meters (Annual Program) - WRWC	29	410	-	410	-	\$ -	On-Going	2,400	2,400	2,400
14-02-01	334	Install Meters (Annual Program)-LMC	945	7,904	-	7,904	-	\$ 5,000	On-Going	-	-	-
14-02-02	334	Install Meters (Annual Program)-WRWC	630	824	-	824	-	\$ -	On-Going	500	500	500
14-03-01	348	Capital Expenditures under \$1000.(Annual Program) - LMC	489	767	-	767	-	\$ 3,000	On-Going	250	250	250
14-03-02	348	Capital Expenditures under \$1000.(Annual Program) - WRWC	400	613	-	613	-	\$ 2,000	On-Going	200	200	200
14-04-01	335	Install/Replace Hydrants (Annual Program) - LMC	-	-	-	-	-	\$ -	On Hold	-	-	-
14-04-02	335	Install/Replace Hydrants (Annual Program) - WRWC	-	-	-	-	-	\$ -	On Hold	-	-	-
14-05-01	333	Services & Renewals (Annual Program) - LMC	-	295	-	295	-	\$ 7,500	On-Going	500	500	500
14-05-02	333	Services & Renewals (Annual Program) - WRWC	-	4,024	-	4,024	-	\$ 5,000	On-Going	500	500	500
14-06-01	347	Set up Computer Billing/GL/AP System and Website - LMC	-	5,165	-	5,165	-	\$ 3,600	Complete	-	-	-
14-06-02	347	Set up Computer Billing/GL/AP System and Website - WRWC	-	2,952	-	2,952	-	\$ 2,400	Complete	-	-	-
14-07-02	310	Purchase and Install Stand-By Generator at WRWC	-	13,700	-	13,700	-	\$ 20,000	Complete	-	-	-
14-08	371	Purchase New and Rebuild Existing Sewer Pump	-	7,204	-	7,204	-	\$ 5,000	Complete	-	-	-
14-10-01	311	Enhance SCADA system at Lakeland Pump Station	-	823	-	823	-	\$ 1,500	Complete	-	-	-
14-12-01	105	Digitize and Prepare Plans for LMC	73	73	-	73	-	\$ -	On-Going	100	100	100
14-12-02	105	Digitize and Prepare Plans for WRWC	-	-	-	-	-	\$ 5,000	On-Going	-	-	-
SUBTOTAL			5,310	75,698	-	75,698	-	\$ 80,000		4,450	4,450	4,450
PRELIMINARY SURVEY AND INVESTIGATION												
14-09	183	Due Diligence in Investigating Dockham Shores	-	221	-	221	-	\$ 1,000	On-Going	100	100	100
14-11	183	Due Diligence and Preparation of Application to Acquire Millbrook	-	116	-	116	-	\$ 1,000	On-Going	100	100	100
14-13	183	Petition for Monthly Billing	102	102	-	102	-	\$ -	On-Going	100	100	-
TOTAL PRELIMINARY SURVEY AND INVESTIGATION			102	439	-	439	-	2,000		300	300	200
TOTAL ALL PROJECTS			5,411	76,137	-	76,137	-	82,000		4,750	4,750	4,650
TOTAL LMC			4,250	53,174	-	53,174	-	45,600		850	850	850
TOTAL WRWC			1,059	22,524	-	22,524	-	29,400		3,600	3,600	3,600

SPENT FROM INTERNAL FUNDS (TOTAL YTD EXP LESS CIAC): 76,137

Source of funds:

Depreciation	25,000
1/2 Net Income	10,000
Money Market	47,000
Line of Credit	-
	82,000



New Generator and Propane Tanks Installed at Bow Pump Station



ABENAKI WATER COMPANY
5 YEAR PROJECTED CAPITAL PROGRAM*
ESTIMATED COMPANY INVESTMENTS FROM 1/1/15 FORWARD IN PRESENT DAY DOLLARS**
7/7/2015

Project No.	PROJECT DESCRIPTION AND ESTIMATED START AND FINISH DATES	2015		2016		2017		2018		2019		Comments
		WR	L	WR	L	WR	L	WR	L	WR	L	
1	Purchase radio read meters	\$15,000			\$1,000		\$1,000		\$1,000		\$1,000	Recurring program - continue to install upgraded radio read meter technology
2	Install Meters	\$7,000			\$200		\$200		\$200		\$200	Recurring program - continue to install upgraded radio read meter technology
3	Conduct a ground water exploration and get report	\$3,000										W.R.'s supply is vulnerable to system breaks which challenge continuous and reliable service
4	Install new and replace existing services mains/gate valves	\$12,000	\$1,000	\$ 5,000	\$ 7,500	\$ 5,000	\$ 7,500	\$ 7,500	\$ 10,000	\$ 7,500	\$ 10,000	Replace poor, inadequately designed, and underinvested distribution system infrastructure which causes high unaccounted for water and substantial maintenance expense
5	Rebuild LMC pump station		\$20,000									Replace old energy inefficient pumps with VFD's, rebuild superstructure to allow walk in entry for safety purposes
6	Develop and Digitize system wide supply and distribution plans			\$ 1,000	\$ 1,000							Provide system info that assists operator and others to better manage the system
7	Install 3 pressure reducers and rehabilitate vaults			\$ 7,500								Replace old, poorly functioning PRV's to reduce 150 psi pressure at extreme ends of system and to lower potential for unaccounted for water
8	Install remote SCADA access to pump stations and treatment plants			\$ 4,000	\$ 8,000	\$ 1,500	\$ 2,000					Monitor performance of off site facilities to obtain data, measure performance, and improve response time for system break downs, for water and sewer
9	Install 2 VFD pumps at WR treatment plant			\$6,000								Improve uniformity of pressure at upper elevations of system as well as make plant more energy efficient
	Total Each System	\$37,000	\$21,000	\$23,500	\$17,700	\$6,500	\$10,700	\$7,500	\$11,200	\$7,500	\$11,200	
	Total Utility Plant Improvements*+	\$58,000		\$41,200		\$17,200		\$18,700		\$18,700		

* Subject to local and State reconstruction and paving projects, Governmental mandates, operational, maintenance, and regulatory changes. Does not include capitalized labor and overheads.

** WR (White Rock/Bow); L (Lakeland/Belmont)

+ Projected yearly plant improvements are anticipated to be funded by the depreciation and one-half of net income as adjudicated in this proceeding

Source of Funds:

Depreciation Estimated	30,000
1/2 Net income	13,000
Cash on hand	15,000
Total	58,000

**State of New Hampshire
Public Utilities Commission**

**Application of
Abenaki Water Company
For Approval of a Rate Adjustment**

Direct Testimony of Deborah O. Carson

DW 15-199