

DW 12-083



AQUARION
Water Company

Aquarion Water Company of New Hampshire
7 Scott Road
Hampton, NH 03842
603-926-3319 phone
www.aquarionwater.com

Stewards of the Environment®

July 17, 2012

Mary-Louise Woolsey
148 Little River Road
Hampton, NH 03842

RE: Aquarion's capital improvements

Dear Mary-Louise,

Per your request at the last Advisory Council meeting, enclosed is the list of Aquarion's capital improvements over the past four years. If you have any questions, please contact me at 603-926-3319 ext 116 or at cmcmorran@aquarionwater.com.

Sincerely,

AQUARION WATER COMPANY OF NEW HAMPSHIRE

Carl McMorran
Operations Manager

**Aquarion Water Company of New Hampshire
Major Capital Projects: 2008 - 2011**

CATEGORY	2008	2009	2010	2011	Project Total
SOURCE OF SUPPLY					
Source Exploration Projects	\$ 6,321	\$ 56,709	\$ 38,032	\$ 9,883	\$ 110,945
Well 5 Replacement	\$ 2,934				\$ 2,934
Well 10 Pipe to Treatment Plant	\$ 11,050				\$ 11,050
Well Capacity Evaluation	\$ 55,777				\$ 55,777
TOTAL	\$ 76,082	\$ 56,709	\$ 38,032	\$ 9,883	\$ 180,706

RECURRING WELL PROJECTS					
Redevelop Well 11				\$ 17,506	\$ 17,506
Redevelop Well 14			\$ 18,976		\$ 18,976
Redevelop Well 17			\$ 21,014		\$ 21,014
Redevelop Well 20				\$ 17,583	\$ 17,583
Redevelop Well 21				\$ 17,583	\$ 17,583
TOTAL	\$ -	\$ -	\$ 39,990	\$ 52,672	\$ 92,662

RECURRING PUMPING					
Production Meter Chamber Replacement		\$ 2,564			\$ 2,564
Pumping Equipment Replacement		\$ 6,410			\$ 6,410
Well 5 Check Valve Replacement	\$ 640				\$ 640
Well 5A Pump Installation		\$ 80,765	\$ 93,319		\$ 174,084
Well 6 Pump Shaft Replacement				\$ 5,149	\$ 5,149
Well 6 VFD Replacement	\$ 10,459				\$ 10,459
Well 9 Pump / Motor Rehabilitation			\$ 10,928		\$ 10,928
Well 11 Butterfly Valve Replacement		\$ 2,551			\$ 2,551
Well 11 Pump Rehabilitation				\$ 11,543	\$ 11,543
Well 13B Pump Motor Replacement			\$ 11,491		\$ 11,491
Well 16 Meter Chamber Replacement			\$ 1,414		\$ 1,414
Well 16 VFD Replacement		\$ 5,612			\$ 5,612
TOTAL	\$ 11,099	\$ 97,902	\$ 117,152	\$ 16,692	\$ 242,846

RECURRING TREATMENT					
Chemical Analyzer Replacements			\$ 5,002		\$ 5,002
Chemical Feed Pump Replacements		\$ 10,677	\$ 2,355		\$ 13,031
Well 9 Station Improvements				\$ 112,649	\$ 112,649
TOTAL	\$ -	\$ 10,677	\$ 7,356	\$ 112,649	\$ 130,682

RECURRING SCADA (& telemetry)					
PLC Replacements			\$ 9,774	\$ 8,508	\$ 18,282
Pressure Transmitters			\$ 1,374		\$ 1,374
Radio Improvements		\$ 13,676		\$ 69,462	\$ 83,138
Software Upgrades	\$ 2,697		\$ 20,647	\$ 95,204	\$ 118,548
Well Level Transducers		\$ 3,426	\$ 3,482		\$ 6,908
TOTAL	\$ 2,697	\$ 17,102	\$ 35,277	\$ 173,174	\$ 228,250

TANKS, BOOSTERS AND CONTROL VALVES					
Glade Path Tank Repairs				\$ 13,524	\$ 13,524
Kings Hwy PRV Rehabilitation	\$ 1,831				\$ 1,831
Mill Rd Booster Upgrade		\$ 102,490	\$ 23,262		\$ 125,751
Mill Rd Storage Tank Construction	\$ 1,441,720	\$ 2,976			\$ 1,444,696
Tide Mill PRV Meter Replacement			\$ 6,690		\$ 6,690
Tide Mill PRV Replacement	\$ 4,406				\$ 4,406
TOTAL	\$ 1,447,957	\$ 105,466	\$ 29,951	\$ 13,524	\$ 1,596,898



2012 CAPITAL PROJECTS

New Source Exploration.....	\$200,000
Well Redevelopment.....	\$40,000
Well 7 Upgrade.....	\$100,000
Pumping & Treatment Upgrades	\$200,000
SCADA.....	\$120,000
Atlantic Avenue Main Replacement.....	\$520,000
~1,700-ft from Little River to Maple Road	
Other Mains (Design, Capitalized Breaks)	
Ocean Boulevard design	\$70,000
Rt 101 Alternatives Analysis	\$15,000
Tanks, Boosters and Control Valves.....	\$50,000
Hydrants, Services, Valves, etc.....	\$115,000
New Meters.....	\$235,000
Fleet.....	\$50,000
Equipment.....	\$145,000
 TOTAL	 \$1,880,000