

CITY OF NEWTON  
BOARD OF ALDERMEN  
COMMITTEE OF THE WHOLE AGENDA

Monday, May 5, 2014

7:00 PM  
Aldermanic Chamber

The Board of Aldermen will meet in a Committee of the Whole with Finance presiding on Monday, May 5, 2014 at 7:00 pm to conduct a Public Hearing on the Mayor's proposed FY15 Water & Sewer Rates and on the Mayor's Capital Improvement Plan.

**REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES**

#403-13(3) HIS HONOR THE MAYOR submitting recommended FY2015 Water and Sewer Rates for implementation on July 1, 2014, as follows:

<u>HCF Per Quarter</u>	<u>Water Rate Per HCF</u>		<u>Sewer Rater Per HCF</u>	
	<b>Old</b>	<b>New</b>	<b>Old</b>	<b>New</b>
0 - 20	\$5.84	\$6.02	\$8.60	\$8.86
21 – 70	\$7.00	\$7.21	\$10.33	\$10.64
>70	\$8.41	\$8.66	\$12.40	\$12.77

[04/14/14 @ 5:43 PM]

**REFERRED TO FINANCE AND APPROPRIATE COMMITTEES**

#403-13 HIS HONOR THE MAYOR submitting the FY15-FY19 Capital Improvement Plan and Long Range Projection pursuant to section 5-3 of the Newton City Charter. [10/21/13 @ 9:59 AM]

Respectfully submitted,

Leonard J. Gentile, Chairman

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The location of this meeting is handicap accessible and reasonable accommodations will be provided to persons requiring assistance. If you need a special accommodation, please contact the Newton ADA Coordinator, Joel Reider, at least two days in advance of the meeting: [jreider@newtonma.gov](mailto:jreider@newtonma.gov) . or 617-796-1145. For Telecommunications Relay Service dial 711.

**City of Newton  
Dept of Public Works  
Utilities Enterprise Fund**



**FY 2015  
Water & Sewer  
Rates Presentation**

**May 5, 2014  
David F. Turocy  
DPW Commissioner**

# Presentation Agenda

- FY14 Accomplishments
- Investing in the Future
- Proposed FY15 Rates

# FY14 Sewer Accomplishments

## PROJECT AREA 1; CRYSTAL LAKE; NCGC

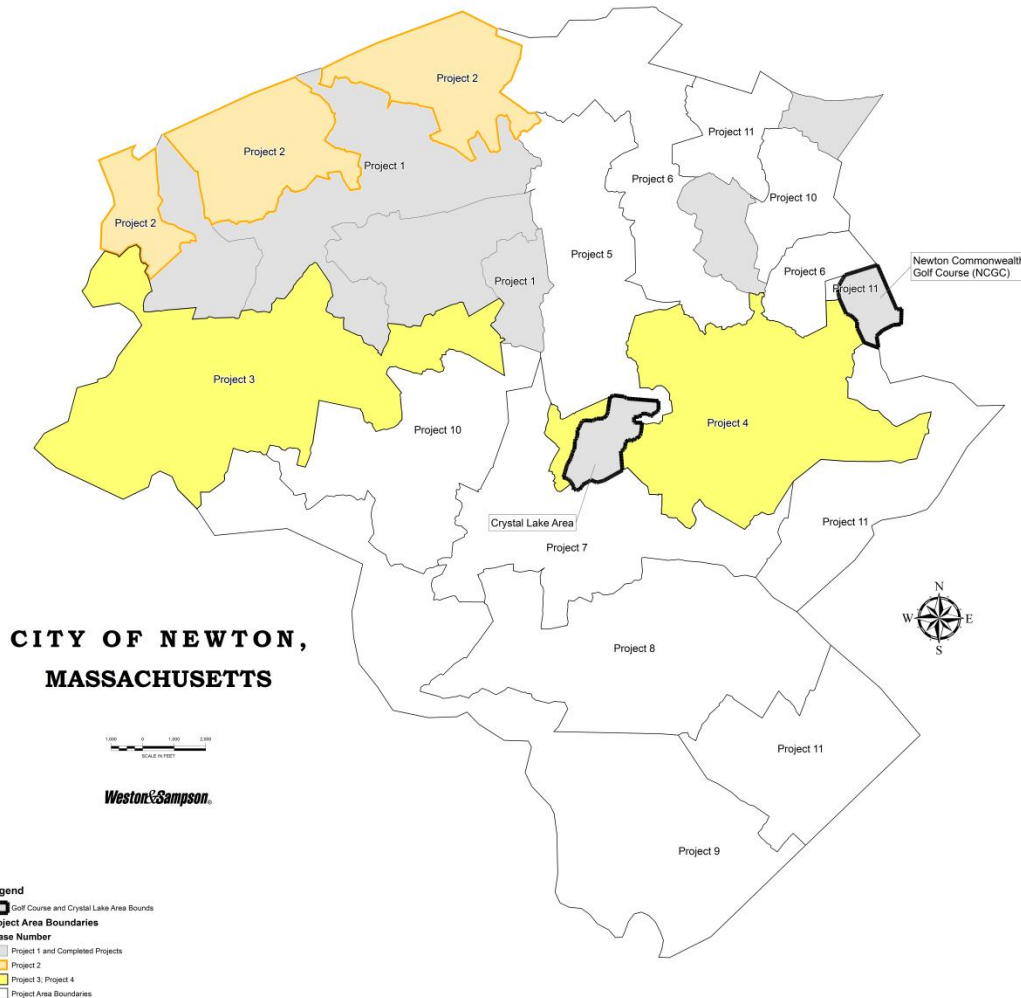
ASSESSMENT/INVESTIGATION COMPLETE  
ENGINEERING DESIGN COMPLETE  
CONSTRUCTION COMPLETION JULY 2014

## PROJECT AREA 2:

ASSESSMENT/INVESTIGATION COMPLETE  
ENGINEERING DESIGN BY JULY 2014  
CONSTRUCTION BID IN AUGUST 2014  
CONSTRUCTION COMPLETE JUNE 2015

## PROJECT AREA 3 & 4:

ASSESSMENT/INVESTIGATION BY  
NOVEMBER 2014



# FY14 Sewer Accomplishments

Massachusetts Water Resources Authority			
Preliminary FY15 Sewer Assessments			Delta = \$615,076
	Final FY14 Sewer Assessment	Preliminary FY15 Sewer Assessment	Percent Change from FY14
NEWTON	\$20,152,363	\$20,202,315	0.2%
AVERAGE - MWRA Fully Served Sewer Customers	\$312,640,366	\$322,885,940	3.3%

**MWRA Preliminary Sewer Assessment**  
**below system-wide average**

# FY14 Water Accomplishments

**Replacement and cleaning and lining cast iron water mains to be completed in FY14**



- Clean & line 9,700 lf of 12" cast iron main on Washington Street (Church to Chestnut)
- Improved fire flow and water quality in West Newton, Newtonville and Newton Corner



# FY13 Stormwater Accomplishments

## Crystal Lake Catch Basin Inserts



- Installed 32 Catch Basin inserts to remove pollutants from stormwater discharge into Crystal Lake.

# Investing in the Future

- Ongoing 11-year plan to investigate, repair, seal, re-line Sewer System (\$49M) (FY15 - Year 3)
- Ongoing 20-year plan to investigate, replace, clean and line Water System (\$80M) (FY15 - Year 3)
- Conducting Phase 1 of Stormwater Assessment Plan (\$100K)

# Investing in the Future

## ACCELERATED SCHEDULE FOR INFLOW / INFILTRATION REMOVAL

### PROJECT AREA 2:

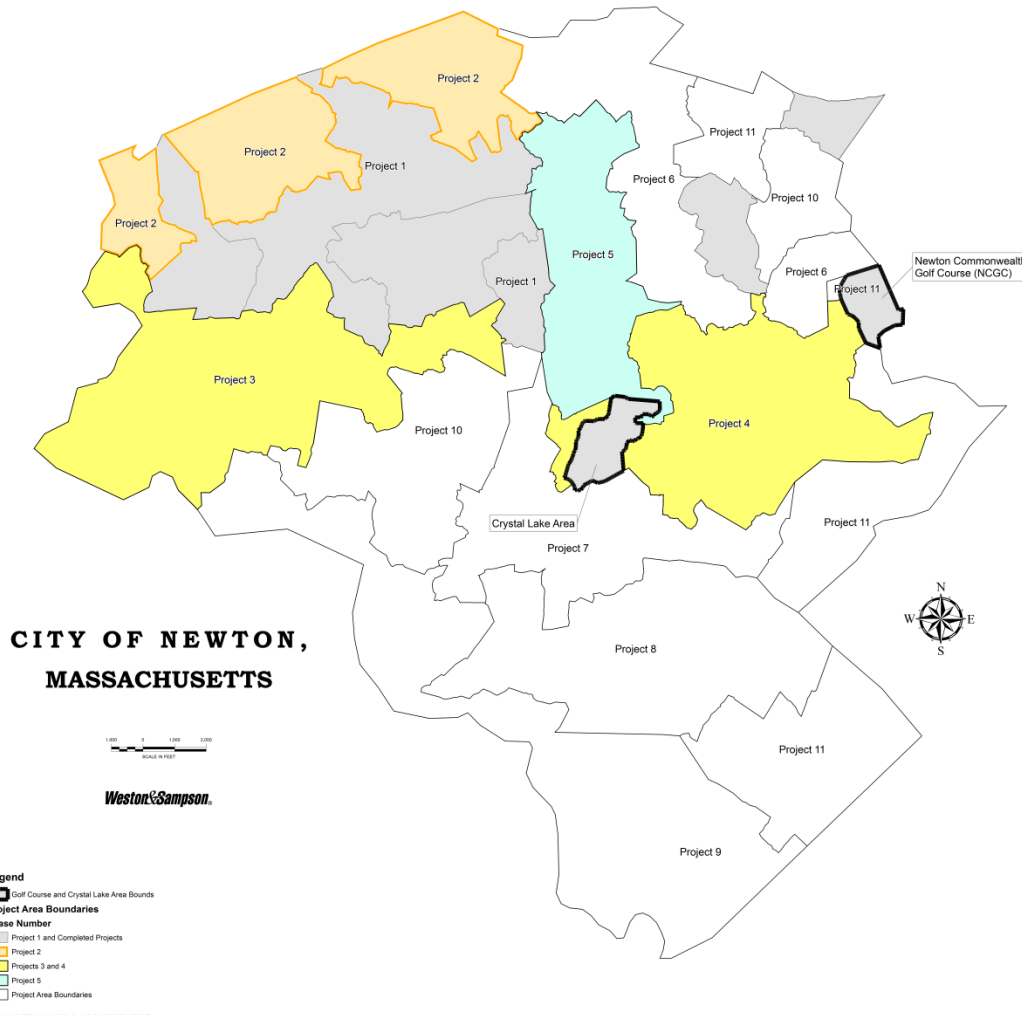
ASSESSMENT/INVESTIGATION COMPLETE  
ENGINEERING DESIGN BY JULY 2014  
CONSTRUCTION BID IN AUGUST 2014  
CONSTRUCTION COMPLETE JUNE 2015

### PROJECT AREA 3 & 4:

ASSESSMENT/INVESTIGATION BY NOVEMBER  
2014  
ENGINEERING DESIGN BY FEBRUARY 2015  
CONSTRUCTION COMPLETE APRIL 2016

### PROJECT AREA 5:

ASSESSMENT/INVESTIGATION BY  
NOVEMBER 2015

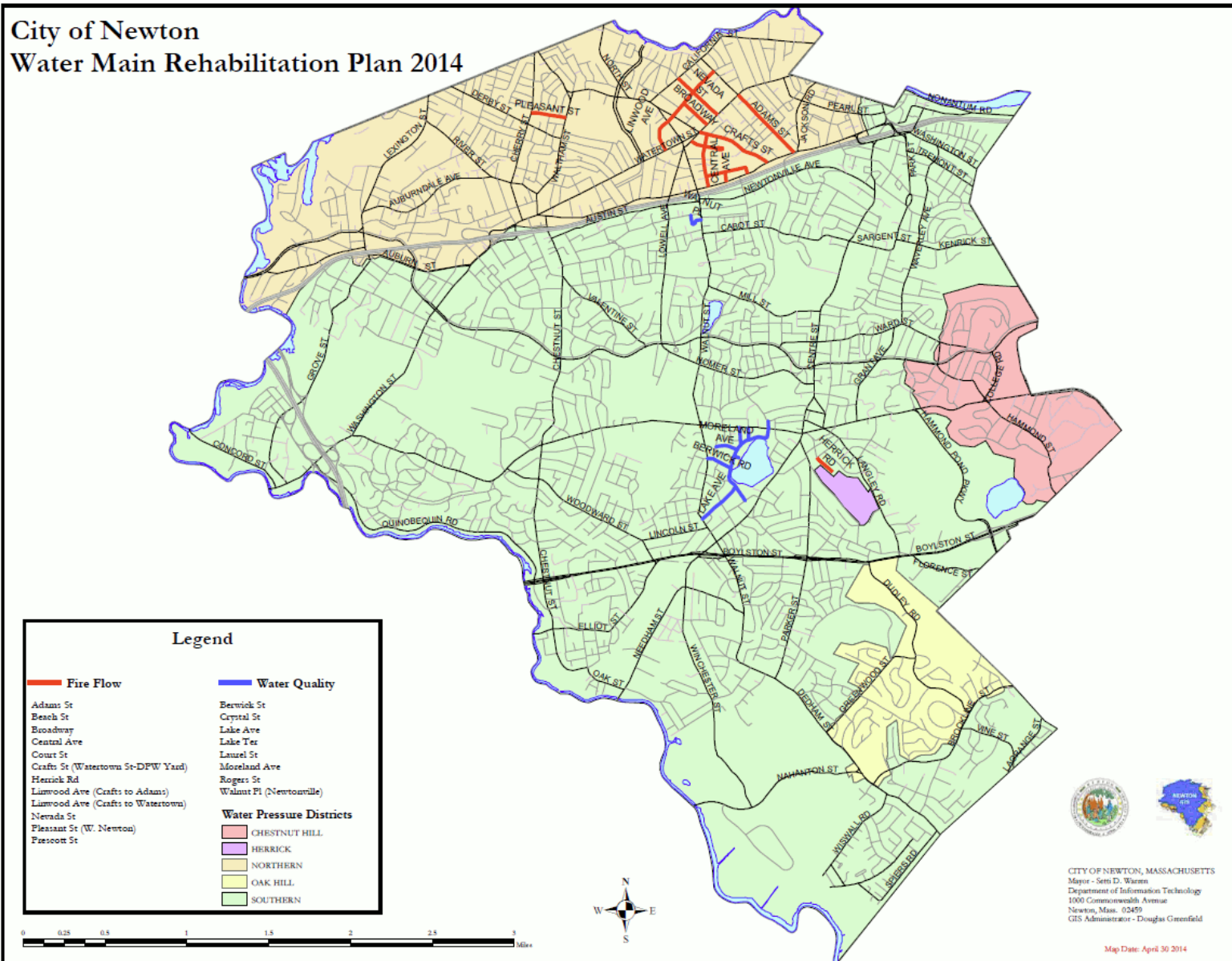


# Investing in the Future

## WATER SYSTEM IMPROVEMENTS: \$4.0M ANNUAL INVESTMENT

City of Newton

Water Main Rehabilitation Plan 2014



# Investing in the Future

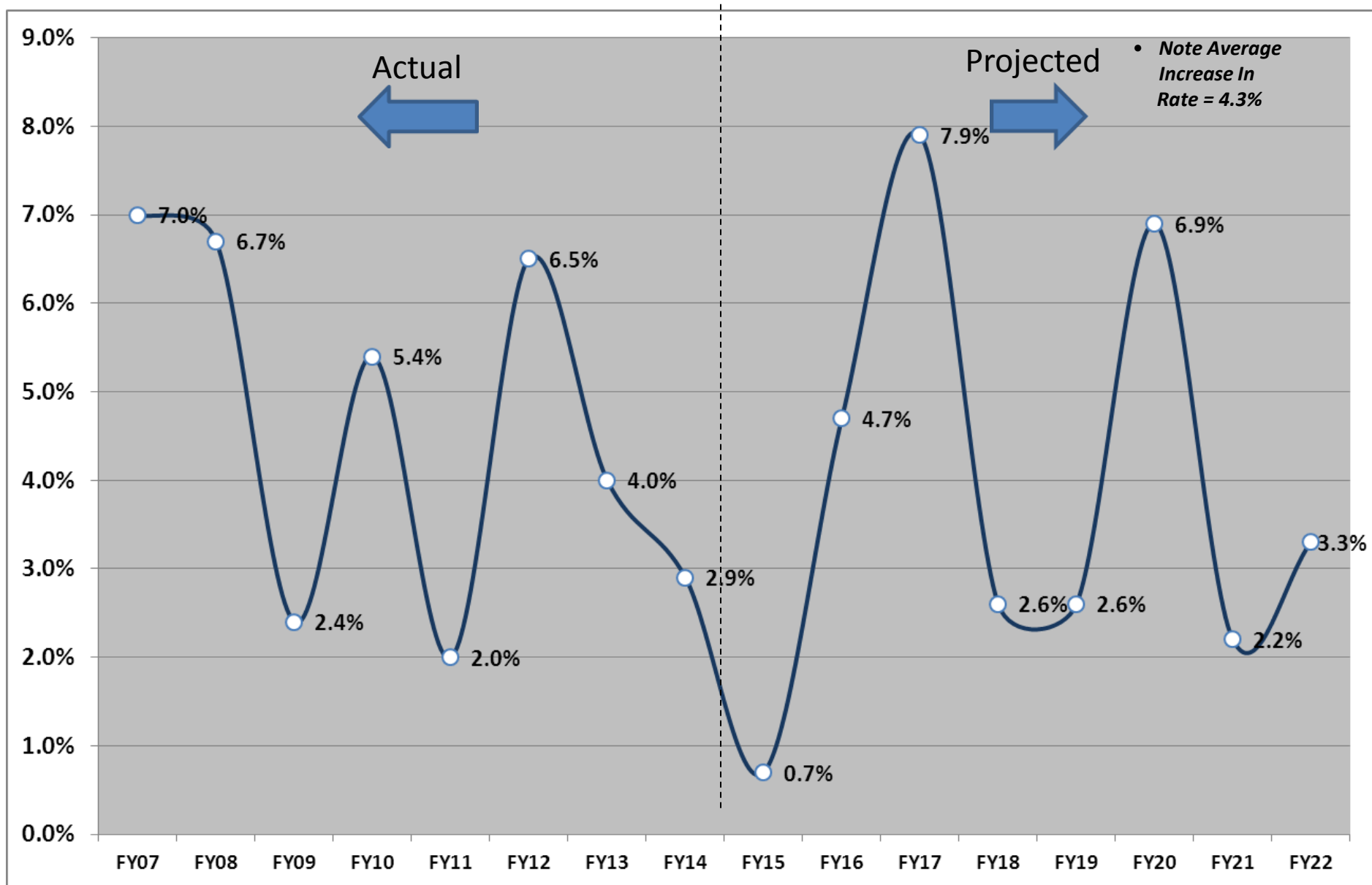
*Conducting Stormwater Infrastructure Assessment to develop long-term capital needs program*



# **Water/Sewer Rates**

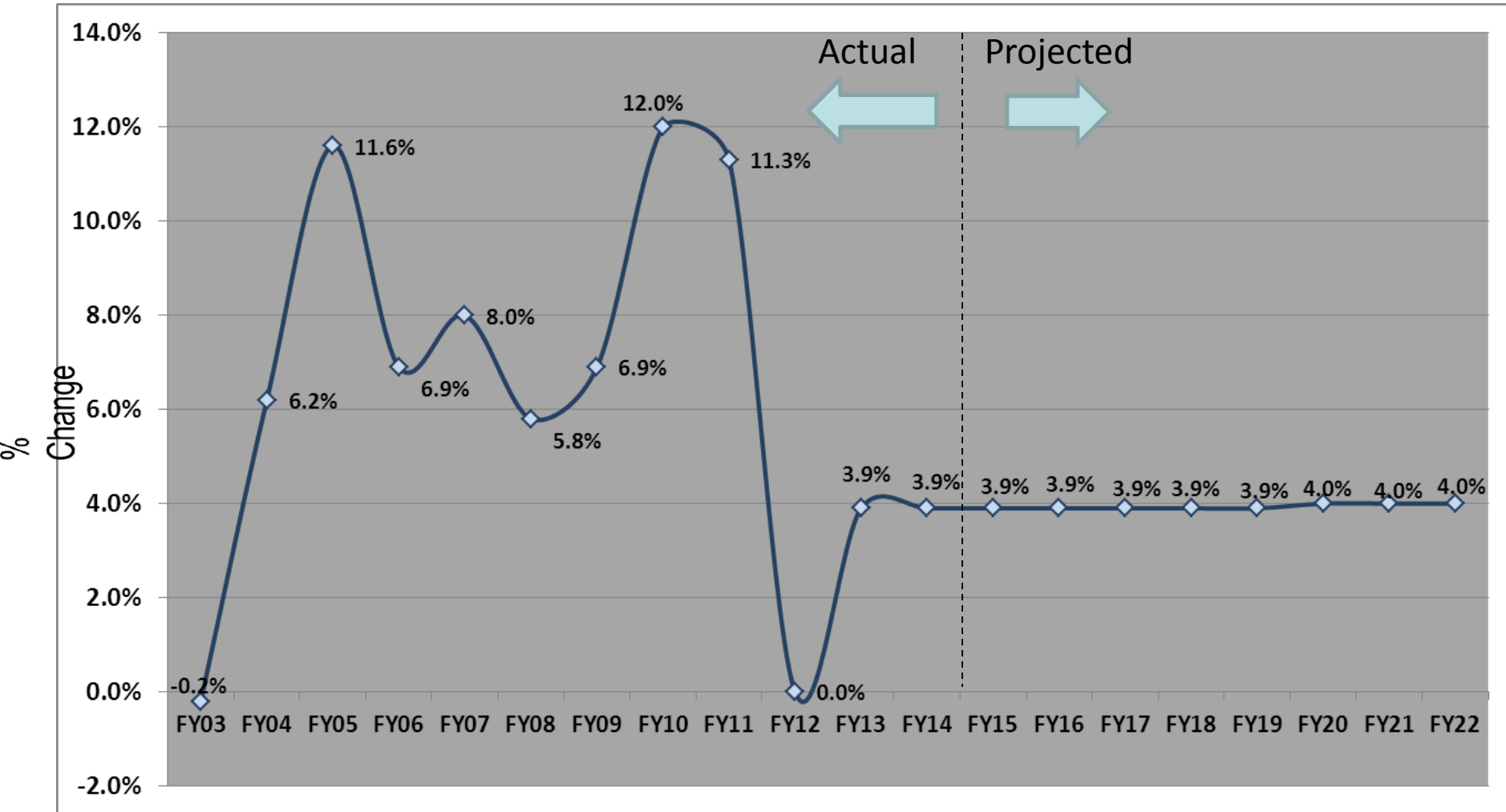
# Proposed FY15 Rates

## Historical and Projected Increases In Combined MWRA Assessments



# Proposed FY15 Rates

## Newton Combined WS Rate Projections



(Jan-Jun 10)

## FY2015 Proposed Water and Sewer Rates

### FY 2014 Water/Sewer Rate Revenue Estimate

HCF	Consumption	Water Rate	Sewer Rate	Water Revenue	Sewer Revenue
0 - 20	1,060,000	5.84	8.60	6,190,400	9,116,000
21 - 70	1,210,000	7.00	10.33	8,470,000	12,499,300
> 70	755,000	8.41	12.40	6,349,550	9,362,000
	3,025,000			21,009,950	30,977,300

### FY 2015 Water/Sewer Revenue Needs

<b>Proposed Operating Budget</b>		Water	Sewer
		20,050,662	27,489,148
<b>Other Costs</b>			
Allowance for Abatements		250,000	250,000
Anticipated Contribution to Reserves		1,453,676	3,446,267
Anticipated Contribution to Capital Projects		75,000	1,000,000
<b>Subtotal</b>		1,778,676	4,696,267
<b>Total Revenue Needed</b>		21,829,338	32,185,415

### Proposed FY 2015 Water/Sewer Rates

HCF	Projected Consumption	Water Rate	Sewer Rate	Water Revenue	Sewer Revenue
0 - 20	1,060,000	6.07	8.94	6,431,826	9,471,524
21 - 70	1,210,000	7.27	10.73	8,800,330	12,986,773
> 70	755,000	8.74	12.88	6,597,182	9,727,118
<b>TOTALS:</b>	3,025,000			21,829,338	32,185,415
<b>% Change</b>		3.90%	3.90%		

# **Next Steps**

## **Water/Sewer Rate Structure Analysis**

Non-sewered consumption rates (second meters).

Rate structure review to include # tiers, breakpoints, and possible addition of separate base fees (metering/billing costs regardless of usage).

Frequency and methodology of billing (to include electronic-paperless notification and fund transfer).

Discount program based on income.

# Stormwater Fee

No change proposed for FY15

Residential - \$25/year

Commercial - \$150/year

Review rate structure/amount in conjunction with

- Water/Sewer rate revisions for FY16
- Stormwater Infrastructure Assessment Report