

Draft 2013-2014 Rate Support Budget: Water & Wastewater Programs

Environment Committee

February 19, 2013



Areas of Review

- Water & Wastewater Service Delivery
- 2013 and 2014 Operating Budget
- 2013 and 2014 Capital Program

Service Delivery Partnership

Environmental Services Department

+ Supporting Services

Infrastructure Services Department

Planning & Growth
Management
Department

Public Works
Department
(Fleet & Buildings)

IT Services
Department

Other
(Communications,
HR, Legal...)

Budget provides for full cost recovery



Water and Wastewater Increases

	2013	2014
% Rate Increase	7%	7%
Annual Cost of Service	\$715	\$765
Annual Increase	\$46.70	\$50.05

Based on average household consumption



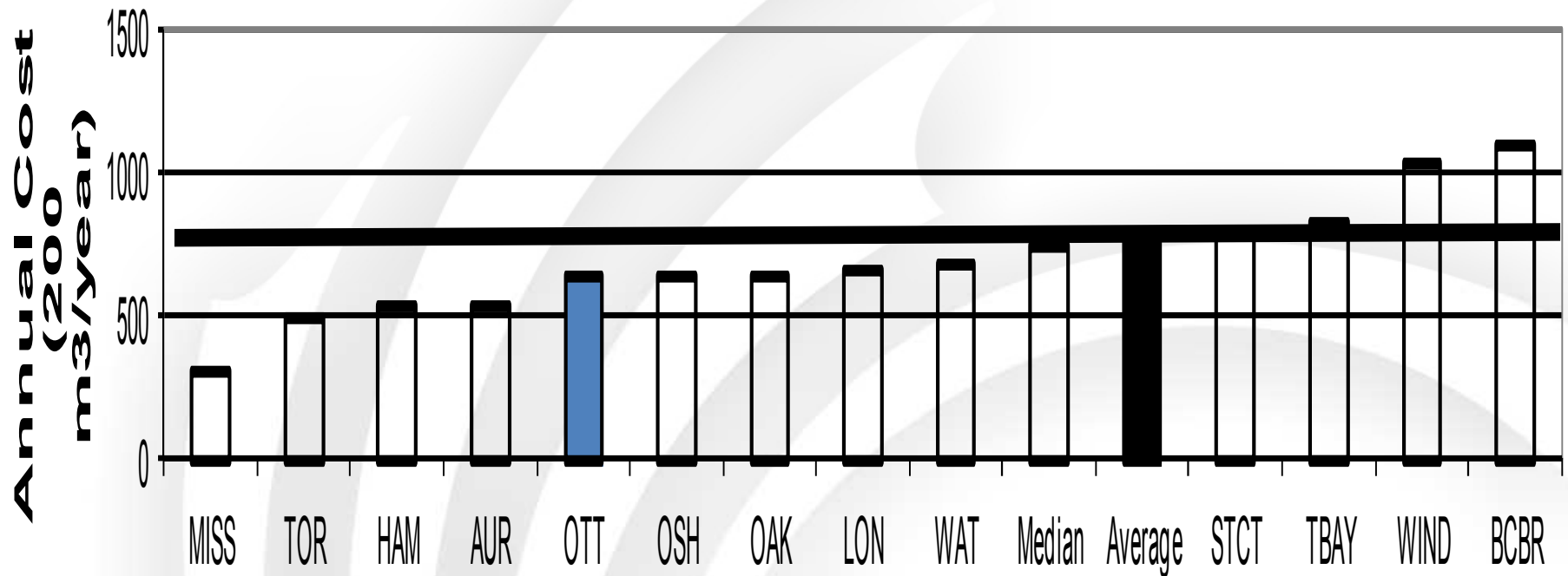
2013 Comparison with Other Major Municipality Rate Increases

	Water	Wastewater
York Region	9%	9%
Peel Region	7%	7%
Toronto	9%	9%
Kingston	9.5%	5%
Guelph	8%	8%
Durham Region	3.6%	13%
Ottawa	7%	7%

Rates Projected or Approved for 2013



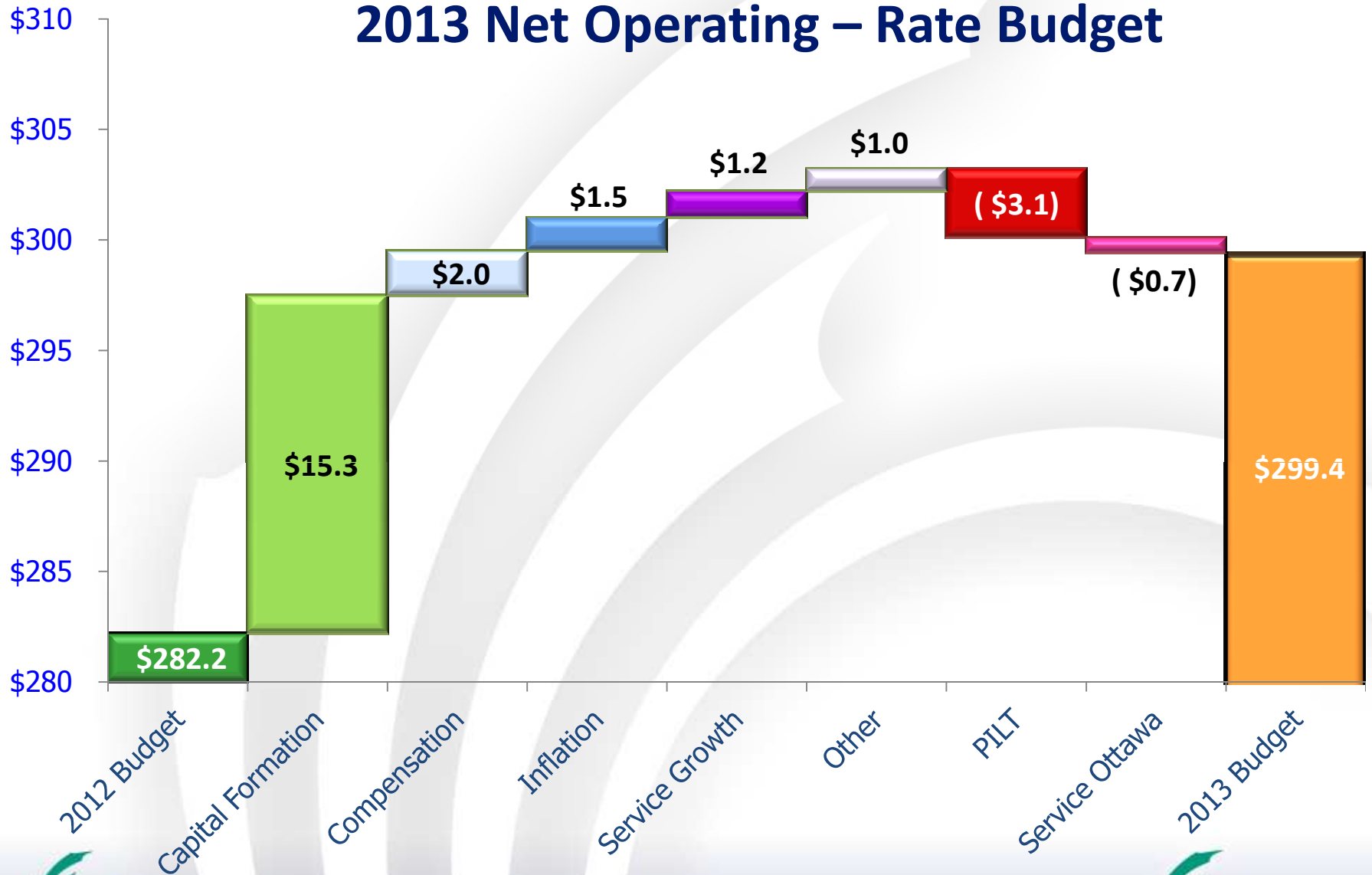
2012 Water and Wastewater Cost of Service Comparison



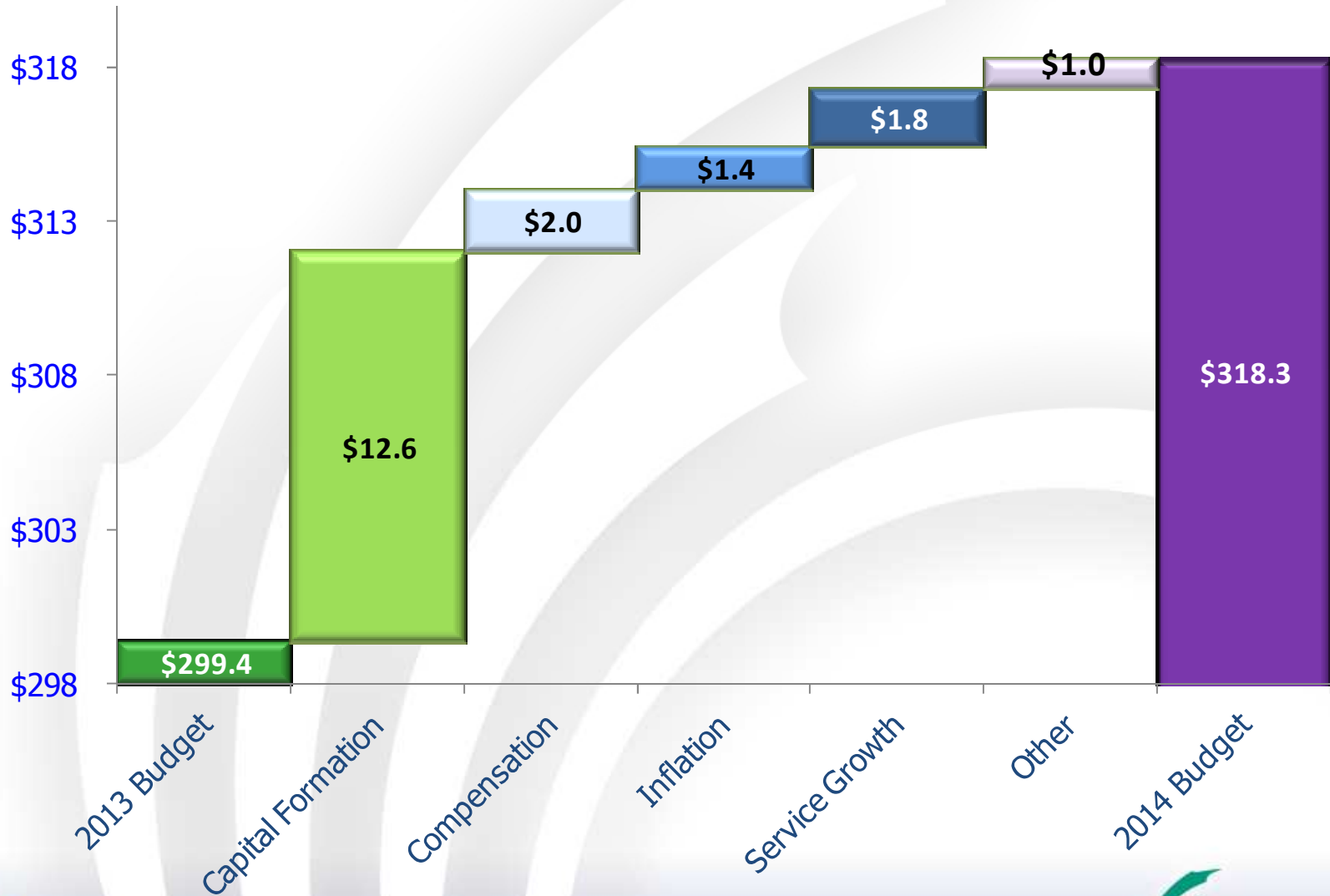
Source: BMA Management Consultants Inc. - Municipal Study 2012



2013 Net Operating – Rate Budget



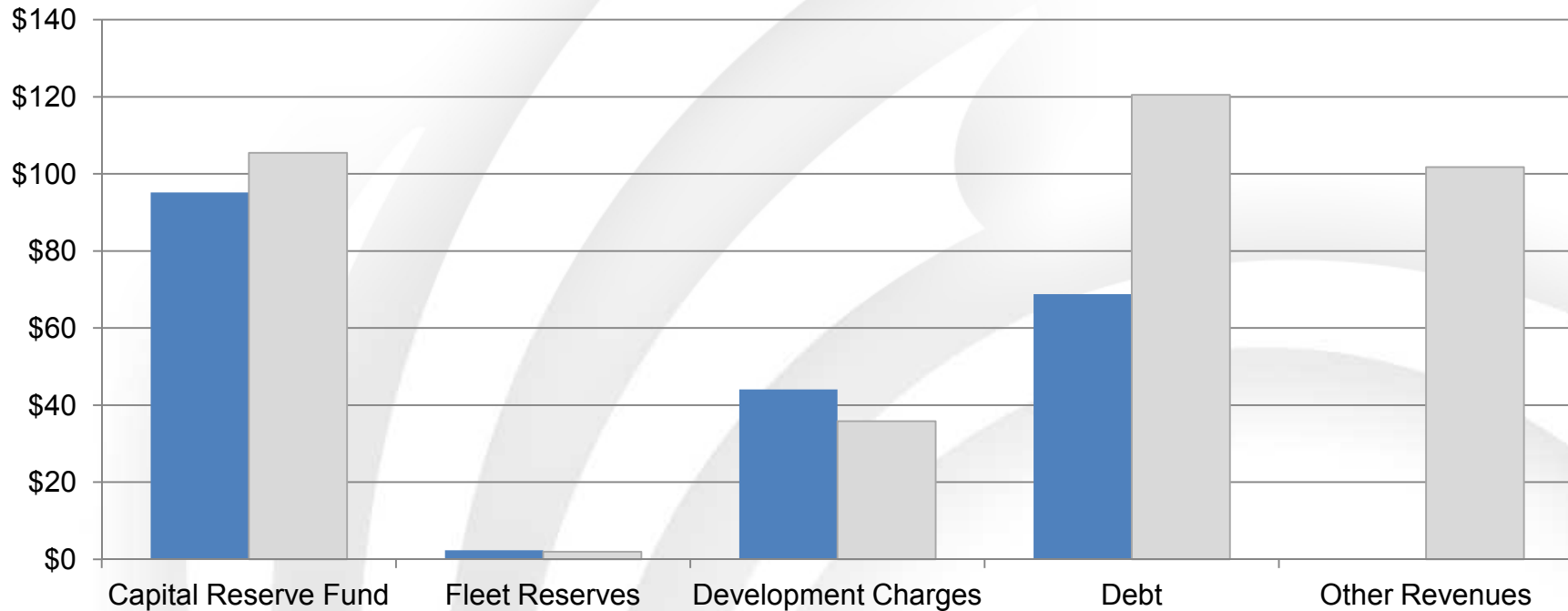
2014 Net Operating – Rate Budget



2013-2014 Water and Wastewater Summary of Capital Authority

Program	2012 Budget (\$million)	2013 Forecast (\$million)	2014 Forecast (\$million)
Water	166.3	84.9	83.6
Wastewater	223.4	125.5	281.9
Total	\$389.7	\$210.4	\$365.5

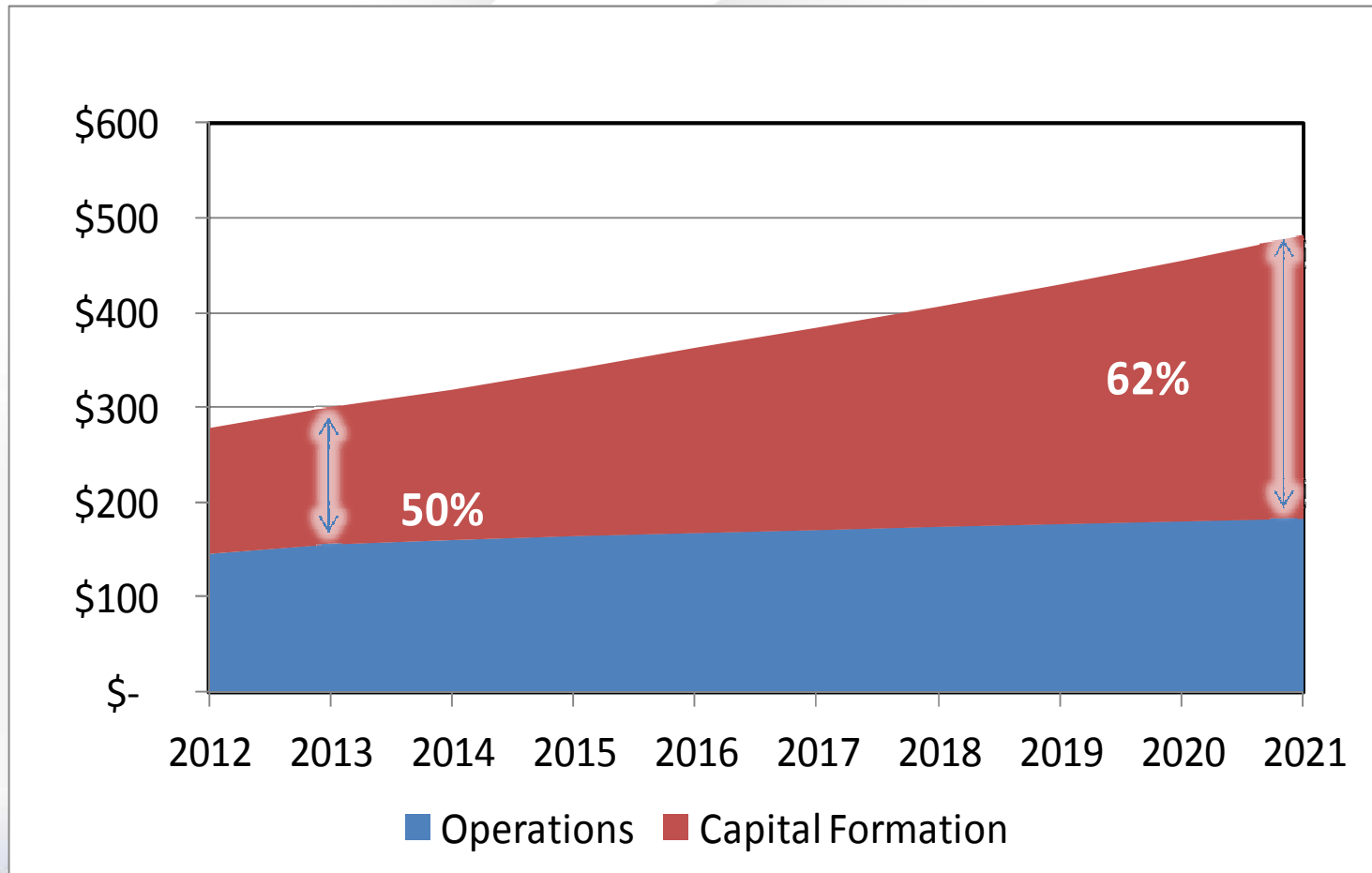
2013-2014 Water and Wastewater Capital Program



■ 2013 ■ 2014



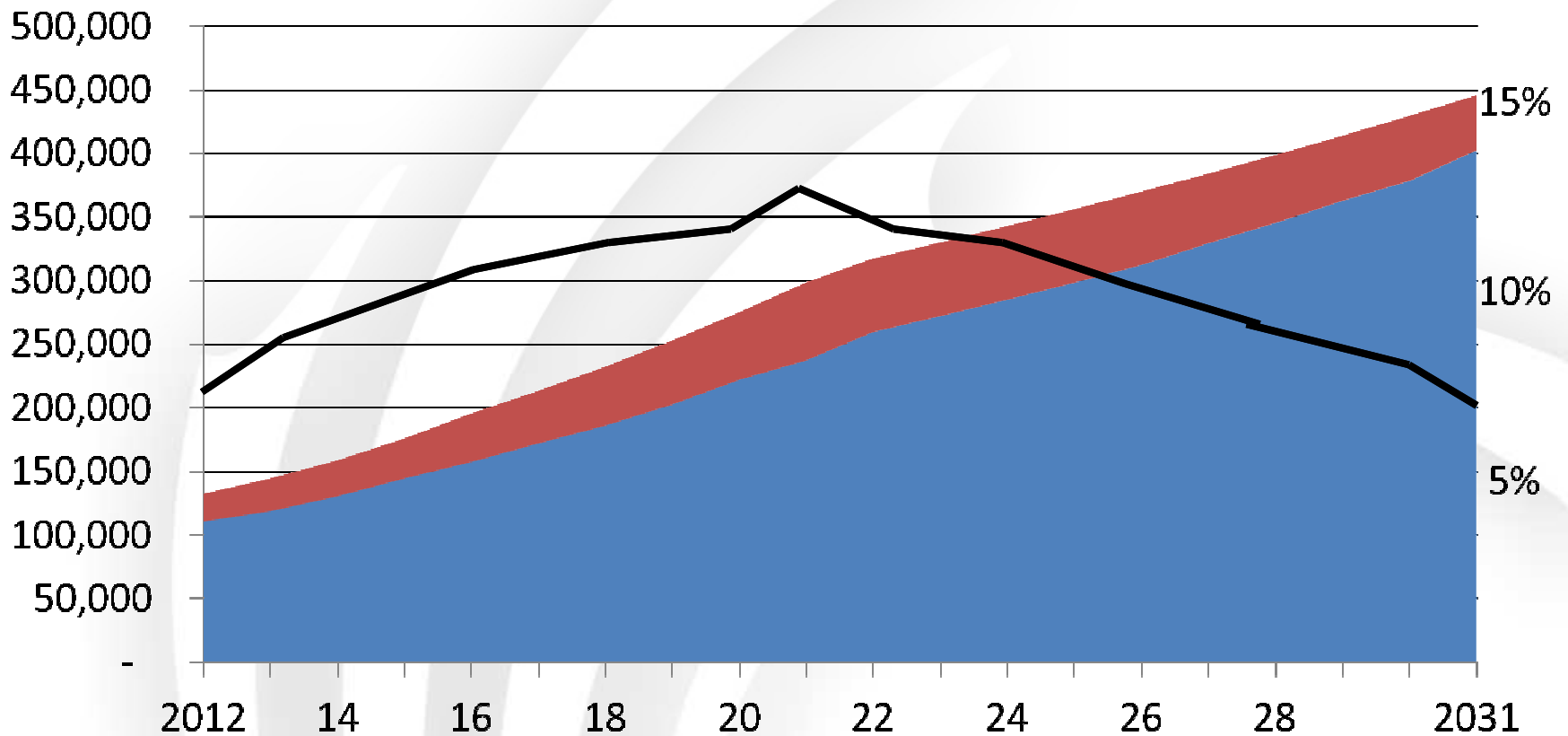
Operating Budget Forecast Operations versus Capital Formation (\$ millions)



Financing Plan (Net City Requirement)

In \$Millions	2013	2014	2015	2016	2017-2021	Grand Total
Net Rate Requirement	163.92	225.97	210.41	245.52	1,230.55	2,076.38
Reserves	95.14	105.47	121.04	134.17	972.42	1,428.25
Debt Authority	68.78	120.50	89.37	111.35	258.13	648.13
	163.92	225.97	210.41	245.52	1,230.55	2,076.38

Projected Capital Financing Costs

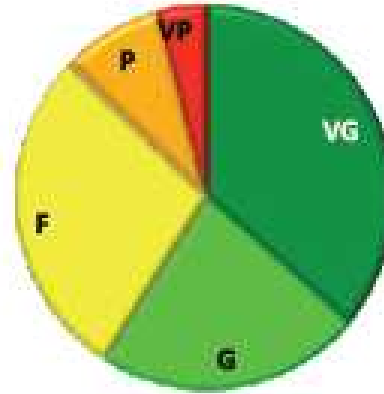


Comprehensive Asset Management State of the Asset Report

Service	Asset Replacement Value	Overall Average Asset Condition Rating	% of Assets in Poor to Very Poor Condition	% of Assets in Fair Condition	% of Assets in Good to Very Good Condition
Drinking Water	\$ 7 B	Good	13%	28%	59%
Wastewater	\$ 6 B	Good-Fair	13%	28%	59%
Stormwater	\$ 5 B	Good-Fair	6%	21%	73%

Drinking Water Services

Value	
Replacement	Per Capita
\$ 7 B	\$ 6,705



Condition	
VG	Very Good
G	Good
F	Fair
P	Poor
VP	Very Poor

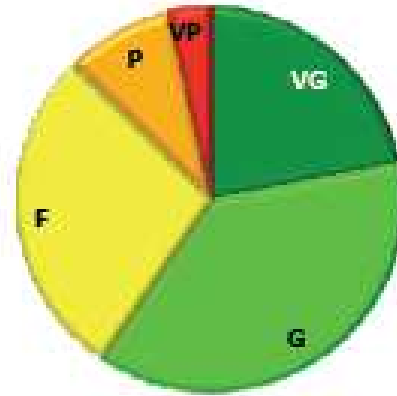


Drinking Water Services

- Infrastructure Master Plan and Source Water Protection Plan
- Design (2013) and construction (2014+) for major water transmission links, including:
 - Orleans Reliability Link
 - Hurdman – St. Laurent Relocation project
- Britannia Water Purification Plant – filter upgrade project
- A multi-year Major Transmission Mains program
- Carp Process Treatment Upgrade
- Leitrim Supply Watermain
- Various integrated rehabilitation projects

Wastewater Services

Value	
Replacement	Per Capita
\$ 6 B	\$ 5,735



Condition	
VG	Very Good
G	Good
F	Fair
P	Poor
VP	Very Poor

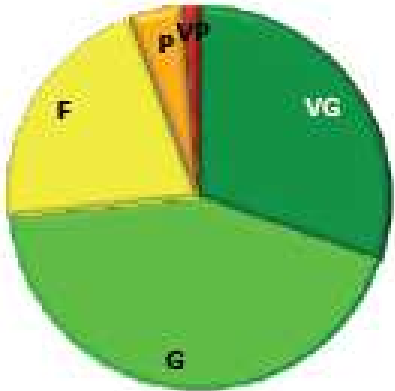


Wastewater Services

- Infrastructure Master Plan
- Strategic Management Plan for Sewers and Culverts
- Tendering and construction of the Hazeldean Pumping Station Upgrade
- Kanata West Pumping Station
- R.O. Pickard Centre Upgrade Program
 - Primary Clarifier Upgrade
 - Secondary Clarifier Upgrade
 - Cogeneration Facility Upgrade
- Conversion of the March Pump Station

Stormwater Services

Value	
Replacement	Per Capita
\$ 5 B	\$ 4,717



Condition	
VG	Very Good
G	Good
F	Fair
P	Poor
VP	Very Poor



Stormwater Services

- Identification and removal of cross connections discharging to Sawmill Creek
- Expansion of the Monahan Drain Stormwater Management Facility
- Slope Stability Hazard Assessment in the Mud Creek watershed
- Environmental Effects Monitoring at ROPEC and Water Purification Plants
- Approximately 50 km in municipal drains improvements
- Nepean Foster Stormwater Pond Expansion
- Carp River Restoration
- Improved program for drainage culverts
- Watershed/Subwatershed Planning, including Cardinal Creek, O'Keefe Drain, and Mud Creek/Jock River Reach II

2013-2014 Water and Wastewater Capital Authority Spending by Category

Program	2013			2014		
	Renewal/ Rehab (\$million)	Growth (\$million)	Regulatory & Strategic Initiatives (\$million)	Renewal/ Rehab (\$million)	Growth (\$million)	Regulatory & Strategic Initiatives (\$million)
Water	80.2	3.8	0.8	69.8	12.5	1.3
Wastewater	81.3	38.6	5.6	252.7	16.2	13.0
Total	\$161.6	\$42.4	\$6.4	322.5	28.7	14.3

2013-2014 Capital Program Highlights

Ottawa on the Move Program

- \$500M during 2012 to 2014, including:
- **Integrated Road-Water-Sewer Projects:**
 - Churchill Avenue from Carling Avenue to Byron Avenue
 - Bronson Avenue from Laurier Avenue West to Arlington Avenue
 - Albert Street and Scott Street
 - Queen Street from Bronson Avenue to Elgin Street
 - Meadowlands Area Watermains Phase 2
- **Ottawa River Action Plan – Sewer Separation Projects**

2013-2014 Capital Program Highlights

Ottawa River Action Plan

- \$20.6M in 2013 and \$177.6M in 2014

Sanitary Systems Improvements:

- Design and construction of Combined Sewage Storage Tunnel
- Sussex Drive from St. Patrick Street to King Edward Avenue
- Rideau Street reconstruction from Chapel Street to the Rideau River
- Harvey, Concord and Havelock
- Merriman, Dunvegan and Arundel
- Main Street from Echo Drive to Riverside Drive

Stormwater Systems Improvements:

- Continue with Implementation of Pinecrest/Westboro
- Eastern Subwatersheds Stormwater Retrofit Plan
- Wet Weather Infrastructure Management Plan



Thank You

