

THE COUNCIL OF THE CITY OF NEW YORK

Hon. Christine C. Quinn  
Speaker of the Council

Hon. James F. Gennaro  
Chair, Committee on Environmental Protection



## Hearing on the Fiscal 2014 Preliminary Budget & the Fiscal 2013 Preliminary Mayor's Management Report

Department of Environmental Protection

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**Nathan Toth, Deputy Director**

**Kate Seely-Kirk, Senior Legislative Financial Analyst**



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## Department of Environmental Protection Overview

The Department of Environmental Protection (DEP or the Department) protects the environmental health, welfare, and natural resources of the City and its residents. The Department manages the City's water and wastewater system (the System), including 19 reservoirs and three controlled lakes, which provides more than one billion gallons of quality drinking water daily to more than eight million New York City residents and one million people in nearby counties. The wastewater system includes fourteen in-City wastewater treatment plants and treats 1.3 billion gallons of wastewater daily. DEP also implements federal Clean Water Act rules and regulations, handles hazardous materials emergencies and toxic site remediation, oversees asbestos monitoring and removal, enforces the City's air and noise codes, bills and collects on approximately 836,000 water and sewer accounts, and manages citywide water conservation programs.

This report provides a review of the Department's Preliminary Budget for Fiscal 2014. In the first section the highlights of the Fiscal 2014 expense budget are presented including actions from the November and February Financial Plans. The report then presents analysis of some of the Department's significant program area budgets and reviews relevant sections of the Preliminary Mayor's Management Report for Fiscal 2013. Finally, a review of the proposed capital budget for the Department is presented with status updates on major projects and a discussion of significant proposed changes.

## Fiscal 2014 Preliminary / November Plan Highlights

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
Personal Services	\$485,871	\$458,943	\$463,613	\$455,877	(\$3,065)
Other Than Personal Services	573,176	675,634	1,230,685	652,087	(23,547)
<b>Agency Total</b>	<b>\$1,059,048</b>	<b>\$1,134,576</b>	<b>\$1,694,298</b>	<b>\$1,107,964</b>	<b>(\$26,612)</b>

*\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan funding.*

The Department's Fiscal 2014 Preliminary Budget of \$1.1 billion is \$26.6 million less than its Fiscal 2013 Adopted Budget of \$1.13 billion. However, it is only \$9.4 million less than the \$1.12 billion that was budgeted for Fiscal 2014 in the Fiscal 2013 Adopted Budget. The budget actions since Fiscal 2012 Adoption that have decreased the Fiscal 2014 Budget include Programs to Eliminate the Gap (PEGs) totaling \$682,000 in savings, New Needs of \$562,000, and Other Adjustments that resulted in \$9.3 million in reduced costs. This decrease in Other Adjustments largely reflects \$7.9 million that was transferred to other agencies as part of a citywide fleet consolidation plan.

Due to a miscalculation that the Department discovered during the Fiscal 2013 Executive Budget the Other Than Personal Services (OTPS) budget for DEP in Fiscal 2014 is artificially overstated by approximately \$30 million. There was an error made when calculating the Heat, Light and Power (HLP) costs. The error was not corrected during Budget Adoption or in the Fiscal 2014 Preliminary Budget, but it will be corrected in the Fiscal 2014 Executive Budget.

The Fiscal 2013 Adopted Budget anticipated a Fiscal 2014 budget of \$1.1 billion.

Some highlights include:

- **Landfill Program Reduction.** Savings of \$195,000 in Fiscal 2014 will be realized through reductions to contracts at three landfills that DEP operates.
- **Energy Program Reduction.** DEP will save \$192,000 in Fiscal 2014 through reductions to the Energy Program personal services (PS) budget and consulting contracts.
- **Transfer Position to Utility.** One full-time civilian staffer was performing duties utilized by the water and sewer system so the funding is being transferred to the Utility budget. Savings of \$192,000 would be realized in 2014.
- **Additional Superfund Amendments and Reauthorization Act (SARA) Right-to-Know Fees.** DEP anticipates additional revenue of \$160,000 in Fiscal 2014 due to increased online registration for hazardous material storage.
- **E-Designation Fees.** The Department plans to hire one staff person in the Office of Environmental Remediation. This would cost \$87,000 in Fiscal 2014 but will be offset by the increased E-Designation Program fee revenue.
- **Increased E-Designation Fees.** Additional revenue of \$86,000 in Fiscal 2014 would be achieved through increased fees for the review of technical documents required for DEP to provide expert assistance to developers increased in brownfield properties.

### Superstorm Sandy Spending

- **Expense Funding.** The Preliminary Financial Plan includes approximately \$600.1 million to cover all the storm related costs for DEP. The Department's expense budget for Fiscal 2013 includes \$551.5 million for Sandy spending, all of which is funded with federal aid. The principal storm-related expenses include \$500 million for the New York City Rapid Repair Program, a free program to make emergency repairs to residents' homes. Of the total remaining, approximately \$3 million are for PS costs for employee overtime for emergency response and \$48.5 million in OTPS costs mostly for pumping and power generation to get the plants and pumping stations up and running after the storm. In addition, some of the OTPS charges were used for supplies, materials, electrical work, and for engineering costs.
- **Capital Funding.** The Preliminary Capital Commitment Plan added \$48.6 million for projects related to the storm. Of the capital funding, \$46.6 million is for reconstruction of wastewater treatment plants (WWTP) and pumping stations, \$2 million for professional services for sanitation and combined drainage plans relating to WWTPs, and \$55,000 for damages at DEP's water and sewer facility located at 356 flushing Avenue in Brooklyn. Sandy capital funding is currently forecast in the Preliminary Capital Commitment Plan as City funds. These funds will be treated as grant funds by the City and the commitments will be transferred to a federal non-city budget code as they are spent.

## DEP Financial Summary

<i>Dollars in Thousands</i>	<b>2012 Actual</b>	<b>2013 Adopted</b>	<b>2013 Jan. Plan</b>	<b>2014 Jan. Plan</b>	<b>*Difference 2013 - 2014</b>
<b>Budget by Program Area</b>					
Agency Administration & Support	\$85,420	\$87,937	\$83,356	\$80,201	(\$7,736)
Customer Services & Water Board Support	40,104	48,743	48,795	46,947	(1,796)
Engineering Design and Construction	33,823	35,723	36,223	36,123	400
Environmental Management	15,902	15,904	16,419	15,404	(500)
Miscellaneous	21,468	2,968	519,660	6,344	3,376
Upstate Water Supply	283,282	297,897	295,670	329,303	31,406
Wastewater Treatment Operations	380,928	460,900	509,913	413,182	(47,718)
Water & Sewer Maintenance & Operations	198,120	184,504	184,262	180,459	(4,045)
<b>TOTAL</b>	<b>\$1,059,048</b>	<b>\$1,134,576</b>	<b>\$1,694,298</b>	<b>\$1,107,964</b>	<b>(\$26,612)</b>
<b>Funding</b>					
City Funds	N/A	\$1,066,416	\$1,062,168	\$1,039,822	(\$26,594)
Capital- IFA	N/A	66,833	66,833	66,833	0
State	N/A	0	1,302	0	0
Federal - Other	N/A	123	562,791	123	0
Intra City	N/A	1,204	1,204	1,186	(18)
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,134,576</b>	<b>\$1,694,298</b>	<b>\$1,107,964</b>	<b>(\$26,612)</b>
<b>Positions</b>					
Full-Time Positions - Civilian	5,564	6,010	6,004	5,978	(32)
<b>TOTAL</b>	<b>5564</b>	<b>6010</b>	<b>6004</b>	<b>5978</b>	<b>(32)</b>

*\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.*

## Agency Administration & Support

Funding in this program area supports administrative staff that manages and directs the Department, sets policies, and creates agency strategic plans. The administrative bureau provides support services for the entire Department. The functions include personnel, budgeting, payroll, purchasing, auditing, building and vehicle maintenance, computer services, and community and intergovernmental relations.

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
<b>Spending</b>					
<b>Personal Services</b>					
Full-Time Salaried - Civilian	\$33,309	\$34,888	\$32,025	\$30,696	(\$4,192)
Other Salaried and Unsalaries	899	741	741	711	(30)
Additional Gross Pay	1,446	615	615	466	(148)
Overtime - Civilian	1,549	400	600	236	(164)
P.S. Other	(96)	0	0	0	0
<b>Subtotal</b>	<b>\$37,107</b>	<b>\$36,644</b>	<b>\$33,981</b>	<b>\$32,110</b>	<b>(\$4,534)</b>
<b>Other Than Personal Services</b>					
Supplies and Materials	\$6,264	\$5,535	\$5,466	\$4,489	(\$1,046)
Fixed and Misc. Charges	1,773	27	43	27	0
Property and Equipment	1,250	1,047	969	1,007	(40)
Other Services and Charges	29,259	31,415	30,722	32,158	743
Contractual Services	9,767	13,269	12,175	10,410	(2,859)
<b>Subtotal</b>	<b>\$48,313</b>	<b>\$51,293</b>	<b>\$49,375</b>	<b>\$48,091</b>	<b>(\$3,202)</b>
<b>TOTAL</b>	<b>\$85,420</b>	<b>\$87,937</b>	<b>\$83,356</b>	<b>\$80,201</b>	<b>(\$7,736)</b>
<b>Funding</b>					
City Funds	N/A	\$80,336	\$75,554	\$72,600	(\$7,736)
Capital- IFA	N/A	6,732	6,732	6,732	0
Federal - Other	N/A	0	200	0	0
Intra City	N/A	870	870	870	0
<b>TOTAL</b>	<b>N/A</b>	<b>\$87,937</b>	<b>\$83,356</b>	<b>\$80,201</b>	<b>(\$7,736)</b>
<b>Positions</b>					
Full-Time Positions - Civilian	453	484	431	430	(54)
<b>TOTAL</b>	<b>453</b>	<b>484</b>	<b>431</b>	<b>430</b>	<b>(54)</b>

\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.

The decrease in the Fiscal 2014 budget for Agency Administration and Support of \$7.7 million to \$80.2 million reflects a fleet consolidation effort that is part of an April 2012 Executive Order that created a Citywide Fleet Operations plan managed by the New York City Department of Citywide Administrative Services (DCAS). Among other actions, maintenance and repair services have been consolidated with the New York City Police Department servicing light-duty vehicles, the New York City Department of Sanitation handling medium- and heavy-duty vehicles, and DCAS managing contract repair services.

There were no layoffs associated with this directive. The civilian staff who worked on fleet maintenance went through a civil service process to be reassigned under the other agencies now responsible. The decrease of \$4.5 million in the Fiscal 2014 PS budget and decrease of 54 full-time

civilian positions reflects this transition. The reduction in OTPS funding in Fiscal 2014 includes \$1.2 million in vehicle parts and maintenance contracts that were transferred, \$1.3 million for the lease of DEP's Long Island City fleet facility that is being transferred to another agency, and other lease reductions totaling \$900,000.

## Miscellaneous

Funding in this program area provides for any personal or other than personal services expenses that receive one-time funding. It also includes Homeland Security and Brownfield grants.

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
<b>Spending</b>					
<b>Personal Services</b>					
Full-Time Salaried - Civilian	\$3,492	\$1,125	\$4,489	\$1,243	\$117
Additional Gross Pay	136	0	0	0	0
Overtime - Civilian	603	0	0	0	0
Fringe Benefits	1	0	1,477	0	0
<b>Subtotal</b>	<b>\$4,232</b>	<b>\$1,125</b>	<b>\$5,966</b>	<b>\$1,243</b>	<b>\$117</b>
<b>Other Than Personal Services</b>					
Supplies and Materials	\$2,445	\$0	\$1,544	\$20	\$20
Fixed and Misc. Charges	0	0	1,236	1,236	1,236
Property and Equipment	2,119	0	2,835	0	0
Other Services and Charges	1,805	0	1,390	0	0
Contractual Services	10,866	1,843	506,690	3,846	2,003
<b>Subtotal</b>	<b>\$17,236</b>	<b>\$1,843</b>	<b>\$513,695</b>	<b>\$5,101</b>	<b>\$3,258</b>
<b>TOTAL</b>	<b>\$21,468</b>	<b>\$2,968</b>	<b>\$519,660</b>	<b>\$6,344</b>	<b>\$3,376</b>
<b>Funding</b>					
City Funds	N/A	\$2,845	\$7,027	\$6,221	\$3,376
State	N/A	0	1,302	0	0
Federal - Other	N/A	123	511,331	123	0
<b>TOTAL</b>	<b>N/A</b>	<b>\$2,968</b>	<b>\$519,660</b>	<b>\$6,344</b>	<b>\$3,376</b>
<b>Positions</b>					
Full-Time Positions - Civilian	47	12	61	13	1
<b>TOTAL</b>	<b>47</b>	<b>12</b>	<b>61</b>	<b>13</b>	<b>1</b>

\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.

The Department is helping with Superstorm Sandy emergency recovery through playing a prominent role in the Rapid Repairs program to make emergency repairs that allow residents to stay in their homes. DEP is managing contracts for boilers and other quick repairs to homes while the New York City Department of Housing Preservation and Development (HPD) is managing contracts for demolitions. US Federal Emergency Management Agency (FEMA) grants of \$500 million are anticipated to cover the costs for the Rapid Repair System, which are located in the Contractual Services budget for Fiscal 2013. A portion of this funding will be transferred to HPD.

In Fiscal 2014 the Miscellaneous budget includes a \$3.2 million increase in funding to offset costs for servicing upstate hydroelectric facilities. In the past, the utility side of DEP paid expenses to run hydroelectric facilities that generated revenue that went to the City's General Fund. After auditing its expenses DEP negotiated to be reimbursed for those expenses so that the facilities would not be paid for by water and sewer rate payers without DEP's customers receiving any of

the benefit. The Fiscal 2014 budget includes \$1.2 million to pay upstate taxes and \$2 million for an operations contract to run the hydroelectric facilities.

### **Preliminary / November Plan Actions**

- **Elimination to PS Funding.** There are \$160,000 in savings planned in Fiscal 2014 relating to the federally funded Biowatch program grant. Funding had been added to the Department's budget for a collective bargaining increase that is now being covered by the grant.

## Upstate Water Supply

The Bureau of Water Supply (the Bureau) manages, operates, and protects New York City's upstate water supply to ensure the delivery of a sufficient quantity of high quality drinking water. Additionally, it is responsible for the overall management and implementation of the provisions of the City's Watershed Protection Program, and for ensuring the City's compliance with the provisions of the Filtration Avoidance Determination (FAD).

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
<b>Spending</b>					
<b>Personal Services</b>					
Full-Time Salaried - Civilian	\$79,171	\$65,045	\$64,910	\$65,237	\$192
Other Salaried and Unsalariad	373	116	116	116	0
Additional Gross Pay	3,030	2,054	2,054	2,063	9
Overtime - Civilian	2,643	1,920	3,220	1,985	66
Fringe Benefits	51	24	24	28	4
<b>Subtotal</b>	<b>\$85,268</b>	<b>\$69,159</b>	<b>\$70,324</b>	<b>\$69,430</b>	<b>\$271</b>
<b>Other Than Personal Services</b>					
Supplies and Materials	\$12,872	\$12,293	\$12,628	\$13,916	\$1,623
Fixed and Misc. Charges	143,380	157,248	152,280	156,412	(836)
Property and Equipment	1,427	2,477	5,661	2,503	26
Other Services and Charges	30,916	43,420	41,791	76,925	33,506
Contractual Services	9,418	13,301	12,986	10,117	(3,184)
<b>Subtotal</b>	<b>\$198,014</b>	<b>\$228,738</b>	<b>\$225,346</b>	<b>\$259,873</b>	<b>\$31,135</b>
<b>TOTAL</b>	<b>\$283,282</b>	<b>\$297,897</b>	<b>\$295,670</b>	<b>\$329,303</b>	<b>\$31,406</b>
<b>Funding</b>					
City Funds	N/A	\$291,360	\$287,833	\$322,766	\$31,406
Capital- IFA	N/A	6,537	6,537	6,537	0
Federal - Other	N/A	0	1,300	0	0
<b>TOTAL</b>	<b>N/A</b>	<b>\$297,897</b>	<b>\$295,670</b>	<b>\$329,303</b>	<b>\$31,406</b>
<b>Positions</b>					
Full-Time Positions - Civilian	1,031	1,106	1,106	1,106	0
<b>TOTAL</b>	<b>1,031</b>	<b>1,106</b>	<b>1,106</b>	<b>1,106</b>	<b>0</b>

*\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.*

Due to a miscalculation that the Department discovered during the Fiscal 2013 Executive Budget the OTPS budget for DEP is artificially overstated by approximately \$30 million. There was an error made when calculating the electricity and natural gas costs for the Catskill-Delaware Water Ultraviolet (UV) Disinfection Facility. The New York City Office of Management and Budget (OMB) transfers funding for HLP in one lump sum to an agency. In this instance, the \$30 million had been placed in the Wastewater Treatment Operations program area.

In the Fiscal 2014 Preliminary Budget the \$30 million for HLP was transferred by DEP to Upstate Water Supply, the Bureau that manages the UV Disinfection Facility. The error will be corrected in the Fiscal 2014 Executive Budget.

Once accounted for, the Fiscal 2014 Upstate Water Supply budget is \$299.3 million, only a \$1.4 million increase compared to the Fiscal 2013 Adopted budget. The increase is due to an additional \$3.3 million added to the Toilet Replacement Program in Fiscal 2014. This program is a component of a citywide conservation effort being undertaken by the Department to prepare for when the Delaware Aqueduct is offline while a bypass tunnel is connected to fix a critical leak.

A \$1.6 million reduction in Fiscal 2013 for drinking water chemicals is replaced in the Fiscal 2014 Preliminary Budget. These increases are offset by a reduction in expenses due to payments to the town of Wawarsing totaling \$2.7 million ending in Fiscal 2013. The town had experienced damages from flooding from the Delaware Aqueduct.

### Preliminary / November Plan Actions

- **Hydroelectric Transfer.** The Agency is transferring costs of the East Delaware and Neversink hydroelectric facilities from the utility to the tax levy budget for a cost of \$475,000 in Fiscal 2014. All revenue from the sale of electricity goes to the City's General Fund, which makes it appropriate that expenses be covered by the tax levy budget.

### Performance Measures

Performance Statistics	Actual			Target		4-Month Actual	
	FY 10	FY 11	FY 12	FY 13	FY 14	FY 12	FY 13
Samples testing positive for coliform bacteria (%)	0.3%	0.4%	0.4%	*	*	1.1%	0.6%
In-City samples meeting water quality standards for coliform bacteria (%)	100%	100%	100%	*	100%	100%	100%
Acres of land solicited in watershed area	91,676	77,524	69,789	*	*	35,073	36,981
Acres of land acquired in watershed area	5,171	9,241	8,082	*	*	3,638	2,407
Cost per watershed acre acquired (\$)	\$4,889	\$4,411	\$5,035	*	*	\$3,528	\$2,995
Water supply - Critical equipment out of service (%)	N/A	2.0%	1.5%	*	*	1.5%	1.3%
<input checked="" type="checkbox"/> Facility security checks	N/A	225,180	263,436	*	263,000	83,641	92,963
Deficiency reports as percent of security checks (%)	N/A	0.3%	0.2%	*	*	0.2%	0.2%
Overall enforcement activity	N/A	936	1,777	*	*	557	470

New York City water must comply with all federal and state drinking water quality standards. The Department monitors drinking water at over 1,200 sampling stations in the five boroughs as well as performing 200,000 tests in the upstate watershed annually. Land acquisition upstate helps maintain water supply. In the first four months of Fiscal 2013 DEP solicited 36,981 acres of land, an increase of 1,908 acres from the same period last year. However, DEP was successful in purchasing 2,407 acres in which is 1,229 acres less than the first quarter of the previous fiscal year.

Security is an ongoing concern which the Department takes seriously. In the first four months of Fiscal 2014 DEP Policy made 92,963 security checks at various facilities. This is an increase of 9,322 or 11 percent, from the first quarter of the previous fiscal year. During these checks DEP Police issued 470 summonses, arrests, violations or warnings, 87 less than the same period in Fiscal 2012.

## Wastewater Treatment Operations

The Bureau of Wastewater Treatment (the Bureau) maintains the chemical and physical integrity of the New York Harbor and other local water bodies. It sustains the continued use and viability of the water environment through the removal of organic and toxic pollutants from the City's wastewater, control of discharges from Combined Sewer Overflows and dry weather bypassing, optimum operation of the treatment plant collections system, integration of watershed management concepts into the planning and design of facilities, and enforcement of a citywide industrial pre-treatment and pollution prevention program. The Bureau operates 14 water pollution control plants, 96 wastewater pump stations, 135,000 sewer catch basins and 6,000 miles of intercepting sewers.

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
<b>Spending</b>					
<b>Personal Services</b>					
Full-Time Salaried - Civilian	\$149,798	\$149,621	\$149,621	\$149,621	\$0
Other Salaried and Unsalaries	69	45	45	45	0
Additional Gross Pay	13,436	7,560	7,560	7,560	0
Overtime - Civilian	17,962	11,097	12,397	11,097	0
Fringe Benefits	2,752	3,225	3,225	3,225	0
<b>Subtotal</b>	<b>\$184,016</b>	<b>\$171,548</b>	<b>\$172,848</b>	<b>\$171,548</b>	<b>\$0</b>
<b>Other Than Personal Services</b>					
Supplies and Materials	\$54,861	\$64,667	\$65,831	\$60,611	(\$4,056)
Fixed and Misc. Charges	973	597	697	597	0
Property and Equipment	1,379	1,930	1,525	1,930	0
Other Services and Charges	64,815	148,202	165,786	106,059	(42,144)
Contractual Services	74,884	73,956	103,226	72,438	(1,518)
<b>Subtotal</b>	<b>\$196,912</b>	<b>\$289,352</b>	<b>\$337,065</b>	<b>\$241,635</b>	<b>(\$47,718)</b>
<b>TOTAL</b>	<b>\$380,928</b>	<b>\$460,900</b>	<b>\$509,913</b>	<b>\$413,182</b>	<b>(\$47,718)</b>
<b>Funding</b>					
City Funds	N/A	\$452,046	\$451,885	\$404,328	(\$47,718)
Capital- IFA	N/A	8,855	8,855	8,855	0
Federal - Other	N/A	0	49,173	0	0
<b>TOTAL</b>	<b>N/A</b>	<b>\$460,900</b>	<b>\$509,913</b>	<b>\$413,182</b>	<b>(\$47,718)</b>
<b>Positions</b>					
Full-Time Positions - Civilian	1,816	1,952	1,952	1,952	0
<b>TOTAL</b>	<b>1,816</b>	<b>1,952</b>	<b>1,952</b>	<b>1,952</b>	<b>0</b>

\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.

Changes in the Fiscal 2014 reflect a \$30 million decrease in the Bureau of Wastewater Treatment's budget which corresponds to the \$30 million increase written about in the Upstate Water Supply section of this report on page 8. An additional \$10 million was transferred to various other bureaus for Heat, Light, and Power.

Other changes in Fiscal 2014 reflect a one-year \$4 million increase in spending on chemicals in Fiscal 2013 that was not restored in Fiscal 2014.

Public Assistance FEMA grants totaling \$47 million are expected to cover damages to DEP facilities from Superstorm Sandy and represent the increased spending seen in Fiscal 2013.

**Performance Measures**

Performance Statistics	Actual			Target		4-Month Actual	
	FY 10	FY 11	FY 12	FY 13	FY 14	FY 12	FY 13
Wastewater treatment plant (WWTP) effluent meeting federal standards (%)	100.0%	100.0%	99.9%	100.0%	100.0%	99.9%	99.9%
Harbor survey stations meeting the swimmable standard of 5mg/L for dissolved oxygen (%)	88%	87%	87%	89%	89%	64%	56%
WWTPs - Critical equipment out-of-service (% below minimum)	NA	4.2%	3.0%	*	5.0%	3.6%	3.7%

To ensure that New York City’s bodies of water meet a swimmable standard for water cleanliness DEP collects and tests water samples at 35 harbor survey stations. Water quality can be affected during heavy rains due to combined sewer overflows (CSOs). In the first quarter of Fiscal 2013 New York City waters met the swimmable standard in 56 percent of the samples surveys, as compared to 64 percent during the same period the previous year.

## Water & Sewer Maintenance & Operations

The Bureau of Water and Sewer Operations (the Bureau) operates, maintains, and protects the City's drinking water and wastewater collection systems, protects adjacent waterways, and develops and protects the Department's Capital Water and Sewer Design Program. This program includes approval and inspection of water and sewer connections performed by licensed plumbers and/or authorized contractors. Additionally, the Bureau is responsible for the approval and inspection of all public and private construction projects.

<i>Dollars in Thousands</i>	2012 Actual	2013 Adopted	2013 Jan. Plan	2014 Jan. Plan	*Difference 2013 - 2014
<b>Spending</b>					
<b>Personal Services</b>					
Full-Time Salaried - Civilian	\$79,070	\$87,734	\$87,734	\$89,046	\$1,312
Other Salaried and Unsalariated	189	50	50	50	0
Additional Gross Pay	8,416	5,957	5,957	5,957	0
Overtime - Civilian	9,569	5,184	5,184	5,184	0
Fringe Benefits	0	24	24	24	0
<b>Subtotal</b>	<b>\$97,243</b>	<b>\$98,949</b>	<b>\$98,949</b>	<b>\$100,261</b>	<b>\$1,312</b>
<b>Other Than Personal Services</b>					
Supplies and Materials	\$18,614	\$28,092	\$26,168	\$28,318	\$226
Fixed and Misc. Charges	26,276	3,962	3,649	1,837	(2,126)
Property and Equipment	957	1,381	2,251	857	(524)
Other Services and Charges	48,599	43,368	42,584	40,471	(2,897)
Contractual Services	6,431	8,752	10,661	8,716	(36)
<b>Subtotal</b>	<b>\$100,877</b>	<b>\$85,555</b>	<b>\$85,313</b>	<b>\$80,198</b>	<b>(\$5,357)</b>
<b>TOTAL</b>	<b>\$198,120</b>	<b>\$184,504</b>	<b>\$184,262</b>	<b>\$180,459</b>	<b>(\$4,045)</b>
<b>Funding</b>					
City Funds	N/A	\$175,338	\$175,096	\$171,293	(\$4,045)
Capital- IFA	N/A	9,166	9,166	9,166	0
<b>TOTAL</b>	<b>N/A</b>	<b>\$184,504</b>	<b>\$184,262</b>	<b>\$180,459</b>	<b>(\$4,045)</b>
<b>Positions</b>					
Full-Time Positions - Civilian	1,139	1,307	1,307	1,329	22
<b>TOTAL</b>	<b>1,139</b>	<b>1,307</b>	<b>1,307</b>	<b>1,329</b>	<b>22</b>

\*The difference of Fiscal 2013 Adopted compared to Fiscal 2014 January Plan Funding.

The \$180.5 million Water and Sewer Maintenance and Operations budget is \$4 million less than the Fiscal 2013 Adopted budget. The changes reflected in the chart above include a \$1.5 million payment to the New York City Department of Parks and Recreation for Fiscal 2013 that has not yet been added to the Fiscal 2014 budget. The disbursements fund forestry personnel and are part of a 1999 agreement relating to the Croton Water Filtration Plant being constructed in Van Cortlandt Park. Even though it is a Ten Year program it is added to the budget one year at a time. A \$2 million reduction in Superfund moneys for Newtown Creek cleanup is based on consultant estimates for Fiscal 2014 needs. The \$1.3 million increase in full-time civilian positions includes thirteen new positions at the Croton Water Filtration Plant and nine new positions in the Green Infrastructure Program.

## Performance Measures

Performance Statistics	Actual			Target		4-Month Actual	
	FY 10	FY 11	FY 12	FY 13	FY 14	FY 12	FY 13
Sewer backup complaints received	14,883	14,460	13,933	*	*	6,066	4,944
Sewer backup complaints resolved - Confirmed	NA	5,337	4,567	*	*	1,710	1,412
- Unconfirmed	NA	9,086	8,982	*	*	3,978	3,487
Sewer backup resolution time (hours)	5.8	5.5	5.6	7.0	7.0	6.6	4.6
Street segments with confirmed sewer backup in the last 12 months (% of total segments)	N/A	2.2%	2.0%	*	*	2.1%	1.7%
Street segments with recurring confirmed sewer backups in the last 12 months (% of total segments)	N/A	0.8%	0.7%	*	1.0%	0.7%	0.6%
Street cave-in complaints received	6,302	4,656	3,467	*	*	1,870	1,393
Street cave-in complaints resolved	4,435	3,314	3,149	*	*	1,423	1,413
Average time to respond to street cave-in complaints and make safe (days)	8.3	2.4	3.2	*	*	3.8	2.7
Water main breaks	421	481	370	*	*	88	65
Water main breaks per 100 miles of main in the last 12 months	N/A	6.5	6.2	*	*	6.9	5.1
Average time to restore water to customers after confirming breaks (hours)	5.5	5.4	4.8	*	6.0	6.0	4.5
Broken and inoperative hydrants (%)	0.52%	0.55%	0.36%	1.00%	1.00%	0.42%	0.26%
Average time to repair or replace high-priority broken or inoperative hydrants (days)	7.5	5.9	4.4	*	8.0	6.6	2.4
Catch basin complaints received	11,330	10,539	12,357	*	*	6,675	4,568
Catch basin backup resolution time (days)	8.4	5.1	5.1	9.0	9.0	7.0	3.0
Catch basins surveyed/inspected (%)	35.1%	29.3%	33.1%	33.3%	33.3%	8.1%	7.3%
Catch basins cleaned - Total	27,296	20,417	24,224	*	*	6,732	9,348
- Programmed cleaning	13,392	7,829	13,213	*	*	1,671	4,242
- Complaint cleaning	13,904	12,588	11,615	*	*	5,061	5,080
Backlog of catch basin repairs (% of system)	N/A	N/A	1.1%	*	1.0%	1.4%	0.6%
Leak complaints received	3,908	4,198	3,751	*	*	1,138	975
- City infrastructure	N/A	850	799	*	*	228	241
- Private infrastructure	N/A	3,332	2,971	*	*	940	737
Leak resolution time (days) (City infrastructure only)	N/A	15.5	10.7	*	12.0	12.6	7.8

As extreme weather increases in frequency due to climate change New York City neighborhoods will have flooding issues more often. Indicators suggest that the Department is making progress in maintaining the sewer system and responding more quickly to complaints.

The number of sewer backup complaints decreased in the first quarter of Fiscal 2014 compared to the same period in Fiscal 2013 by 1,122 or 18.5 percent. Of the 4,944 sewer backup complaints received in this period in Fiscal 2014 only 1,412 were City infrastructure leaks and the rest were private property.

Catch basin complaints decreased by 2,107 to 4,568 complaints in the first four months of Fiscal 2014 contrasted with the same time period the previous year. This is an improvement of 31.6 percent. It may be correlated to the increase in the number of catch basins cleaned increasing in the same period by 2,616 to 9,348 catch basins cleaned. Catch basins are inspected regularly

three-times a year and based on 3-1-1 complaints, and sometimes pre-inspected before weather events.

Street cave-in complaints decreased from 1,870 to 1,393 comparing July to October data from Fiscal 2013 to Fiscal 2014, and the average time it took DEP to respond to the complaints decreased from 3.8 to 2.7 days. Those are improvements of 25.5 percent and 29 percent respectively.

Water main breaks can be particularly damaging to City and personal infrastructure under streets and can cause entire residential block-fronts to lose water and heat if winter and the buildings have steam heat. In the first four months of Fiscal 2014 there were 65 water main breaks and it took DEP an average of 4.5 hours to restore water to customers after confirming breaks. In the first four months of Fiscal 2013 there were 88 water main breaks and it took an average of 6 hours to restore water. The Fiscal 2014 numbers are an improvement of 23 less water main breaks, or 26.1 percent, and the average response time was cut down by 1.5 hours or 25 percent.

## Capital Program

The January 2013 Capital Commitment Plan includes \$7.8 billion in Fiscal 2013-2016 for the Department of Environmental Protection (including City and Non-City funds). This represents 19.8-percent of the City’s total \$39.3 billion January Plan for Fiscal 2013-2016. The agency’s January Commitment Plan for Fiscal 2013-2016 is 11.5-percent more than the \$7 billion scheduled in the September Commitment Plan, an increase of \$809.3 million.

The majority of capital projects span multiple fiscal years, and it is, therefore, common practice for an agency to roll unspent capital funds into future fiscal years. In Fiscal Year 2011, DEP committed \$1.59 billion or 70 percent of its annual capital plan. Therefore, it is assumed that a significant portion of the agency’s Fiscal 2013 Capital Plan will be rolled into Fiscal 2014, thus increasing the size of the Fiscal 2014-2017 Capital Plan. Since adoption last June, the total Capital Commitment Plan for Fiscal 2013 has increased from \$17.9 billion in the September Capital Commitment Plan to \$19 billion in the January Capital Commitment Plan, an increase of \$1.1 billion or 6.2 percent.

### 2013-2016 Commitment Plan: Adopted Budget and Preliminary Budget

*Dollars in Thousands*

	FY13	FY14	FY15	FY16	Total
<b>Adopted</b>					
Total Capital Plan	\$2,993,493	\$1,707,057	\$1,272,839	\$1,061,553	<b>\$7,034,942</b>
<b>Preliminary</b>					
Total Capital Plan	\$2,268,744	\$2,028,844	\$2,193,430	\$1,353,199	<b>\$7,844,217</b>
<b>Change</b>					
Level	(\$724,749)	\$321,787	\$920,591	\$291,646	<b>\$809,275</b>
Percentage	-24.21%	18.85%	72.33%	27.47%	<b>11.50%</b>

### Capital Program Goals

- ✓ To maintain the quality of water in the City’s watersheds and, where necessary, treat the supply to ensure that it continues to be of high quality.
- ✓ To maintain and improve the transmission and distribution capacity of the City’s water supply system.
- ✓ To improve the quality of the surrounding waters by upgrading the City’s sewage treatment facilities and by reducing pollution caused by combined sewer overflows.
- ✓ To contain sanitary sewage and prevent flooding by replacing failing sewers and extending service to underserved areas of the City.

## Major Capital Projects & Preliminary Budget Highlights

- **Delaware Aqueduct.** Due to a leaking portion of the Delaware Aqueduct, also known as Rondout-West Branch Tunnel (RWBT), a new 3-mile tunnel will be built to bypass the leak. Funding for this project is estimated at \$1.4 billion. During construction, when the bypass is being connected, the entire Delaware Aqueduct will need to be shut down from the City's water supply for an extended period of time. Currently the aqueduct carries approximately half of New York City's (NYC) drinking water to more than eight million people daily—approximately 500 million gallons per day. It is capable of transferring 900 million gallons of water a day.

Currently DEP is seeking approvals from local towns, and taking borings to help plan the tunnel construction. The January Capital Commitment Plan contains approximately \$129.5 million for Water for the Future projects in Fiscal 2014. The Preliminary Ten Year Strategy includes \$760.4 million for the tunnel bypass, an increase of \$239.1 million. The increase is largely due to a re-estimate by engineers of the cost of the tunnel construction.

There are other costs of about \$645 million associated with this project as the Department takes action to ensure that there will not be service impacts. The various water conservation measures being taken are called the Water for the Future program. It was determined that the work on the Roundout-West Branch Tunnel could be done in phases, with the aqueduct operating for periods in-between. This relieves some of the need for additional capacity, such as connecting parts of Staten Island to New Jersey water sources. This project has been removed from the Capital Commitment Plan including \$27 million in Fiscal 2014 and \$75.5 million from Fiscal 2013 – 2023. The Department also scaled back its plans to bring the southeastern Queens groundwater back into NYC's water supply system. Funding for the Station 6 groundwater pumping facility project is reduced by \$151 million in the Preliminary Ten Year Capital Strategy. In total there are \$71 million less in Fiscal 2013 – Fiscal 2023 for Water for the Future projects.

Examples of projects scheduled in Fiscal 2014 include an increase of \$28 million for maintenance work to increase the capacity at the Upper Catskills Aqueduct and an increase of 34.7 million to install water meters in City-owned buildings.

**Croton Water Filtration Plant.** Construction is progressing on this roughly \$3.2 billion, multi-phase project located in Van Cortlandt Park with plans to connect to the drinking water system in Fiscal 2014. A number of park improvements and community remediation projects are moving forward such as the build-out of the Mosholu Golf Course in Van Cortlandt Park totally \$48.9 million in Fiscal 2014. The scope includes restoration of the golf course, clubhouse, tee boxes, parking lot, and landscaping.

The Preliminary Ten Year Strategy includes \$285.5 million, an \$80.5 million increase, for the Croton Water Filtration Plant to reflect the final work planned to complete this project.

- **Maintain Wastewater Treatment Plants.** Capital funding to support wastewater treatment citywide in Fiscal 2014 equals \$833.7 million. Some highlights for individual projects include:
  - Design is not yet completed for a cogeneration and electrification project at the North River WWTP delaying \$138.1 million from Fiscal 2014 to Fiscal 2015.

- Reconstruction of digester roofs at the 26<sup>th</sup> Ward WWTP at Jamaica Bay of \$35 million moved from Fiscal 2013.
- There is \$37 million for the installation of emergency generators at the Wards Island WWTP being moved from Fiscal 2014 to Fiscal 2016 because design has not yet started for the project. This planned upgrade is not a result of Superstorm Sandy but stems from a pre-existing planned stabilization plan.
- Design is still underway to replace engine generator controls and support systems at the Coney Island WWTP which has delayed \$30 million in funding until Fiscal 2016.
- **Ultraviolet (UV) Disinfection Facility.** Nearly completed, this approximately \$1.6 billion facility will be able to treat 2.4 billion gallons of water a day from the Catskill and Delaware water supplies. The project helps support the FAD agreement with U.S. Environmental Protection Agency. The agreement includes various watershed protection and water treatment commitments that make building a \$10 billion filtration plant unnecessary. Completion of the project is tentatively planned for this spring. In Fiscal 2014, \$20 million is allocated towards this critical project.
- **New York City Water Tunnel No. 3.** This critical \$6 billion project has been under construction since 1970, with phase two, or the Manhattan section, to come online in 2013. Once the tunnel is completed it will allow Water Tunnels No. 1 and 2 to be inspected and repaired for the first time since they entered operation in 1917 and 1976 respectively.

The January Capital Commitment Plan includes what appears to be a \$546.5 million decrease in Fiscal 2013 – Fiscal 2023 to the project, but in fact reflects a technical adjustment that was made because Fiscal 2022 – Fiscal 2023 was calculated incorrectly. A \$112.2 million decrease in the Preliminary Ten Year Strategy includes removing private funding from the budget from such entities as in-ground utilities. There is a \$54.9 reduction in Fiscal 2014 due to funding for construction on the 30<sup>th</sup> Street trunk water main shaft site that is delayed until Fiscal 2015. There is \$23 million currently scheduled in Fiscal 2014 for Water Tunnel No. 3 and \$402.1 million in Fiscal 2013 – Fiscal 2023.

- **Emergency Water and Sewer Contracts.** Funding available for water and sewer emergency contracts was increased by \$12 million in Fiscal 2014. This allows the Department to respond quickly to more sewer and water main leaks that could cause serious damage to DEP and other infrastructure. The Preliminary Ten Year Strategy includes a total increase of \$74.7 million for this holding code which brings the total to roughly \$831 million.

For non-emergency water and sewer system construction projects there is \$1.5 billion allocated in Fiscal 2013 – Fiscal 2023, an increase of \$323.7 million. This work would include the building of new sewers in areas without any. Additionally there is \$506.4 million, an increase of \$51.5 million, allocated in the Preliminary Ten Year Strategy for day-to-day job order contracts that help keep the system in good repair. This includes such work as using cameras to check whether there are blockages in the sewers.

- **Adaptive Management Strategy for Green Infrastructure.** The Department continues to prioritize its Green Infrastructure Program (GIP) which incorporates different techniques to handle CSOs without building massive tanks and tunnels (grey infrastructure) that the City had

previously relied on. Negotiations are ongoing with the NYS DEC for flexibility on a consent order regarding CSO remediation to allow GIP investments to be counted as towards that effort.

In Fiscal 2014, \$74 million is allocated towards various GIP projects on public property. Some examples of projects underway now are the right-of-way bioswales, porous pavement and rooftop detention such as green and blue roofs. DEP hired consultants to create GIP implementation plans for the key watershed areas of Newtown Creek, Gowanus, and Flushing.

The Preliminary Ten Year Strategy includes \$359.5 million for Bluebelt land acquisition and construction citywide, an increase of \$109.5 million. The Department is exploring whether the acquisition or construction would be eligible for federal Community Development Block Grants.

The GIP reflects the City's goal to improve water quality outlined in PlaNYC 2030 by reducing CSOs into waterways by 40 percent by 2030, and many of the pilot programs already under way in Jamaica Bay are in accordance with Local Law 71 of 2005 (as amended in 2006). Additionally, Local Law 5 of 2008 required the Administration to develop and implement a sustainable storm water management plan with the goal of reducing the approximately 27 billion gallons of untreated sewage and storm water that is discharged into the City's waters in a typical year.

## Preliminary Ten Year Strategy

DEP's Capital Program, relating to the City's water and sewer system, is financed by the New York City Municipal Water Finance Authority and paid for by water and sewer charges collected through the New York City Water Board. The Preliminary Ten Year Capital Strategy provides \$12.2 billion in Fiscal 2014 – 2023 for DEP programs. The Department's Capital funding is divided into five agencies with their funding broken down additionally by ten year plan category below:

### Water Pollution Control

The main goal for Water Pollution Control is to improve the quality of the City's waterways and to comply with the mandates imposed by the Clean Water Act. Funding for this agency is further divided into the following wastewater treatment programs (amounts in millions):

I.	Plant Upgrading and Reconstruction	\$2,806.5
II.	Water Quality Mandates	\$1,151.4
III.	Plant Component Stabilization	\$ 349.9
IV.	Biological Nutrient Removal	\$ 161.0
V.	Consent Decree Upgrading and Construction	\$ 18.0
	<b>Total</b>	<b>\$4,486.8</b>

The main components of this plan include: \$2.8 billion for the reconstruction or replacement of individual components at in-City wastewater treatment facilities or related-conveyance infrastructure, \$349.9 million to stabilize in-City wastewater treatment facilities, and \$161.0 million for research and related pilot projects to reduce the amount of discharged nitrogen.

### Water Mains, Sources and Treatment

Water Mains charge is to protect and maintain the upkeep of the City's source water supply and water distribution systems. Funding for this agency is further divided into the following program areas (amounts in millions):

I.	Water Quality Preservation	\$1,474.0
II.	Trunk and Distribution Main Replacement	\$ 890.2
III.	Dam Safety Program	\$ 510.0
IV.	Croton Filter Project	\$ 205.9
V.	Augmentation of Water Supply System	\$ 134.9
VI.	Trunk and Distribution Main Extension	\$ 123.6
VII.	Extensions to Accommodate New Development	\$ 28.3
VIII.	Miscellaneous Improvements Upstate	\$ 16.0
	<b>Total</b>	<b>\$3,382.9</b>

The Preliminary Ten Year Strategy for this Agency includes \$890.1 million for the replacement of distribution and trunk mains, \$510.0 million for the initiation of design and reconstruction of the dams in the Croton, Catskill, and Delaware watersheds, \$205.9 million to complete design and construction of the filtration plan for the Croton water supply, \$134.9 million to increase capacity of the existing system, and \$123.6 million for the extension of distribution and trunk mains.

## Sewers

DEP plans to commit \$2.0 billion over the next ten years to replace existing sewers in areas requiring increased capacity, to extend sewers to unserved or underserved areas, and to replace failing, flawed, or collapsed sewer mains. Funding for this agency is further divided into the following Sewer programs (amounts in millions):

I.	Replacement of Chronically Failing Components	\$774.2
II.	Replacement of Augmentation of Existing Systems	\$479.6
III.	Extensions to Accommodate New Development	\$429.9
IV.	Programmatic Replacement and Reconstruction	\$298.5
V.	Programmatic Response to Regulatory Mandates	\$ 49.7
	<b>Total</b>	<b>\$2,031.9</b>

The Preliminary Ten Year Plan for Sewers includes \$774.2 million for the replacement of malfunctioning or collapsed cement pipe combined sewers of which \$582.0 is slated for emergency work, of the \$479.6 million to increase the capacity of the existing system \$202.1 million is for bluebelt acquisition.

## Water Supply

DEP plans to commit \$1.7 billion for the construction of a Bypass Tunnel and ancillary work along the Rondout-West Branch Tunnel of the Delaware Aqueduct along with the development of alternate water sources, conveyance and the completion of work on Stages 1 and 2 of City Water Tunnel No. 3. Funding for this agency is further divided into the following Water Supply programs (amounts in millions):

I.	Conveyance	\$837.4
II.	City Tunnel No. 3 – Stage 2	\$415.8
III.	City Tunnel No. 3 – Stage 1	\$412.5
IV.	Miscellaneous Programs	\$ 8.0
	<b>Total</b>	<b>\$1,673.7</b>

The Miscellaneous portion of this budget of \$8.0 million is solely for repairs to City Tunnels #1 and #2.

## Equipment and Miscellaneous Programs

DEP has allocated \$586.6 million for the following programs: new water conservation measures, water meter installation and automatic meter reading systems, landfill remediation, facility purchases and reconstruction, payments for gas utility line relocation, and for equipment purchases, including laboratory instruments, vehicles, and computers. Funding for this agency is divided into the following programs (amounts in millions):

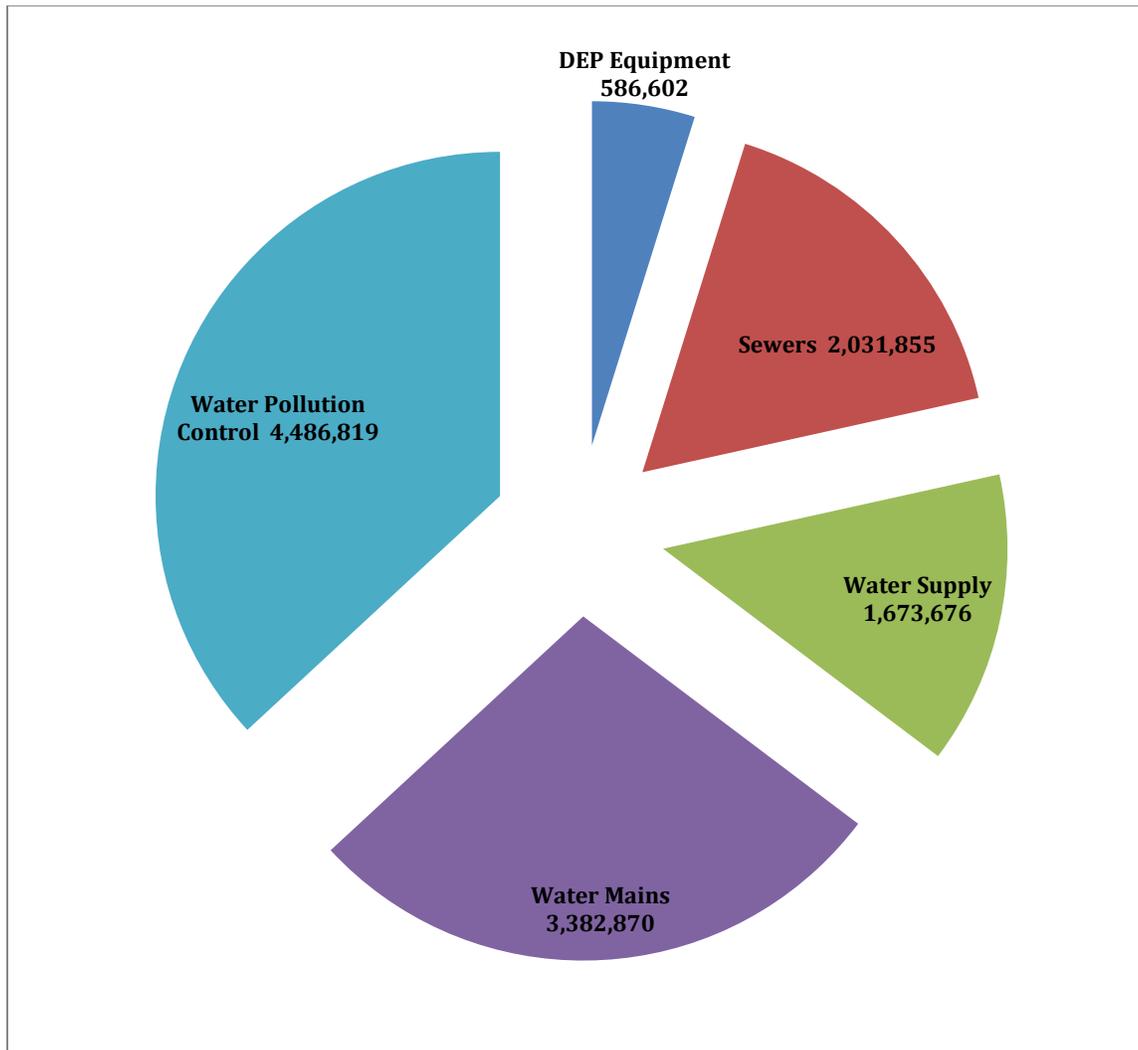
I.	Utility Relocation for Sewer and Water Main Projects	\$229.5
II.	Conservation Efforts	\$194.0
III.	Vehicles and Equipment	\$ 60.2

IV. Facility Purchases and Reconstruction	\$ 59.5
V. Management Information Services	\$ 43.4
<b>Total</b>	<b>\$586.6</b>

The main segment of this Agency’s Preliminary Ten Year Capital Strategy is to cover the City’s obligation with regards to the cost sharing agreement with various gas utilities. The \$229.5 million set aside for this agreement represents the 51 percent that the City is required to pay for gas utility relocation work that is impacted by water and sewer construction projects.

**2014-2023 Preliminary Ten Year Capital Strategy**

*Dollars in Millions*



FY 2014-2023 Preliminary Ten-Year Capital Strategy											
Dollars in 000s											
	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	Total
DEP Equipment	\$126,821	\$40,911	\$99,897	\$39,179	\$76,599	\$33,625	\$23,125	\$46,787	\$52,533	\$47,125	\$586,602
Sewers	\$367,297	\$301,416	\$255,885	\$219,879	\$100,409	\$214,579	\$80,182	\$164,495	\$246,013	\$81,700	\$2,031,855
Water Supply	\$103,093	\$772,059	\$76,800	\$19,467	\$95,475	\$93,282	\$180,000	\$331,500	\$2,000	\$0	\$1,673,676
Water Mains	\$703,280	\$378,595	\$463,504	\$252,963	\$393,506	\$203,539	\$539,421	\$99,706	\$159,058	\$189,298	\$3,382,870
Water Pollution Control	\$728,353	\$700,449	\$457,113	\$605,527	\$317,986	\$446,628	\$210,550	\$232,407	\$449,575	\$338,231	\$4,486,819
	<b>\$2,028,844</b>	<b>\$2,193,430</b>	<b>\$1,353,199</b>	<b>\$1,137,015</b>	<b>\$983,975</b>	<b>\$991,653</b>	<b>\$1,033,278</b>	<b>\$874,895</b>	<b>\$909,179</b>	<b>\$656,354</b>	<b>\$12,161,822</b>

## Appendix A

### Budget Actions in the November and Preliminary Plans

<i>Dollars in Thousands</i>	FY 2013			FY 2014		
	City	Non-City	Total	City	Non-City	Total
<b>Agency Budget as of June 2012 Plan</b>	<b>\$1,066,416</b>	<b>\$68,160</b>	<b>\$1,134,576</b>	<b>\$1,049,179</b>	<b>\$68,160</b>	<b>\$1,117,339</b>
<b>Program to Eliminate the Gap (PEGs)</b>						
Elimination of PS Funding	(\$85)	\$0	(\$85)	(\$85)	\$0	(\$85)
Energy Program Reduction	(129)	0	(129)	(192)	0	(192)
Intra-City with DEP	0	0	0	0	(18)	(18)
Landfill Program Reduction	(160)	0	(160)	(195)	0	(195)
Transfer Position to Utility	(143)	0	(143)	(192)	0	(192)
<b>TOTAL, PEGs</b>	<b>(\$517)</b>	<b>\$0</b>	<b>(\$517)</b>	<b>(\$664)</b>	<b>(\$18)</b>	<b>(\$682)</b>
<b>New Needs</b>						
E-Designation Fees	\$55	\$0	\$55	\$87	\$0	\$87
Hydroelectric Transfer	1,250	0	1,250	475	0	475
<b>TOTAL, New Needs</b>	<b>\$1,305</b>	<b>\$0</b>	<b>\$1,305</b>	<b>\$562</b>	<b>\$0</b>	<b>\$562</b>
<b>Other Adjustments</b>						
Biowatch Grant For Air Monitoring	\$0	\$4,158	\$4,158	\$0	\$0	\$0
Brownsfields Grant	0	380	380	0	0	0
Brownfields PS	0	34	34	0	0	0
Brownsfields OTPS	0	8	8	0	0	0
DEP-DPR Fleet Consolidation Transfer to DPR	(451)	0	(451)	(558)	0	(558)
DEP-DSNY Fleet Consolidation Transfer to DSNY	(2,029)	0	(2,029)	(3,276)	0	(3,276)
DEP-NYPD Fleet Consolidation Transfer to NYPD	(1,521)	0	(1,521)	(2,323)	0	(2,323)
Mechanic Supervisor to NYPD (Fleet Consolid.)	(70)	0	(70)	(138)	0	(138)
Review Avenue Lease Adjustment (Fleet Consolid.)	(744)	0	(744)	(1,280)	0	(1,280)
Energy Program Reduction	4	0	4	4	0	4
DHS Grant for Infrastructure	0	533	533	0	0	0
Heat, Light and Power	(242)	0	(242)	(415)	0	(415)
NYSERDA Grant	0	302	302	0	0	0
NYSERDA-Greenhouse Gas Study	0	1,000	1,000	0	0	0
Pelham Bay Landfill Transfer	0	0	0	(1,293)	0	(1,293)
Port Security Program	0	1,425	1,425	0	0	0
DHS Grant for HAZMAT	0	146	146	0	0	0
Transfer Position to Utility - Fringe	18	0	18	25	0	25
Grant for Plume Dispersion Weather Stations	0	2,700	2,700	0	0	0
Grant for Water Security Initiative	0	1,823	1,823	0	0	0
Xerox/Accenture Fee transfer to DCAS	(1)	0	(1)	0	0	0
Hurricane Sandy - DDC - Exterior Air Monitoring	0	87	87	0	0	0
Hurricane Sandy - DEP OT, Equip., and Facilities	0	25,015	25,015	0	0	0
Hurricane Sandy - DEP OT, Equip., and Facilities	0	26,359	26,359	0	0	0
Hurricane Sandy - FEMA STEP Grant for Rapid Repairs	0	500,000	500,000	0	0	0
<b>TOTAL, Other Adjustments</b>	<b>(\$5,037)</b>	<b>\$563,970</b>	<b>\$558,934</b>	<b>(\$9,256)</b>	<b>\$0</b>	<b>(\$9,256)</b>
<b>TOTAL, All Changes</b>	<b>(\$4,248)</b>	<b>\$563,970</b>	<b>\$559,722</b>	<b>(\$9,358)</b>	<b>(\$18)</b>	<b>(\$9,376)</b>
<b>Agency Budget as of February 2013 Plan</b>	<b>\$1,062,167</b>	<b>\$632,131</b>	<b>\$1,694,298</b>	<b>\$1,039,821</b>	<b>\$68,142</b>	<b>\$1,107,963</b>

## Appendix B Contract Budget

Category	Number	Budgeted	Pct. of DEP Total	Pct. of City Total
Contractual Services General	32	\$60,195,682	53.8%	13.2%
Telecommunications Maintenance	8	1,758,474	1.6%	3.6%
Maintenance & Repair of Motor Vehicle Equipment	25	375,684	0.3%	2.8%
Maintenance & Repair, General	139	24,661,630	22.0%	21.1%
Office Equipment Maintenance	13	478,358	0.4%	3.8%
Data Processing Equipment	14	7,654,405	6.8%	3.9%
Printing Contracts	9	436,102	0.4%	1.4%
Community Consultant Contracts	2	32,760	0.0%	0.2%
Security Services	3	9,491,913	8.5%	10.6%
Temporary services	6	19,264	0.0%	0.1%
Cleaning Services	18	658,255	0.6%	3.0%
Economic Development	1	500	0.0%	0.0%
Training Programs for City Employees	41	1,126,627	1.0%	7.3%
Maint. & Oper. of Infrastructure	39	1,828,715	1.6%	1.0%
Professional Services: Engineer & Architect	1	2,000	0.0%	0.0%
Professional Services: Computer Services	5	830,055	0.7%	0.8%
Professional Services: Other	16	2,421,538	2.2%	1.4%
<b>Fiscal 2014 Preliminary Budget</b>	<b>372</b>	<b>\$111,971,962</b>	<b>100.0%</b>	<b>7.3%</b>

## Appendix C

### Fiscal 2013 PMMR Performance Measures

Performance Statistics	Actual			Target		4-Month Actual	
	FY1 0	FY 11	FY 12	FY 13	FY 14	FY 12	FY 13
Samples testing positive for coliform bacteria (%)	0.3%	0.4%	0.4%	*	*	1.1%	0.6%
In-City samples meeting water quality standards for coliform bacteria (%)	100%	100%	100%	*	100%	100%	100%
Acres of land solicited in watershed area	91,676	77,524	69,789	*	*	35,073	36,981
Acres of land acquired in watershed area	5,171	9,241	8,082	*	*	3,638	2,407
Cost per watershed acre acquired (\$)	\$4,889	\$4,411	\$5,035	*	*	\$3,528	\$2,995
Water supply - Critical equipment out of service (%)	N/A	2.0%	1.5%	*	*	1.5%	1.3%
Facility security checks	N/A	225,180	263,436	*	263,000	83,641	92,963
Deficiency reports as percent of security checks (%)	N/A	0.3%	0.2%	*	*	0.2%	0.2%
Overall enforcement activity	N/A	936	1,777	*	*	557	470
Sewer backup complaints received	14,883	14,460	13,933	*	*	6,066	4,944
Sewer backup complaints resolved - Confirmed	N/A	5,337	4,567	*	*	1,710	1,412
- Unconfirmed	N/A	9,086	8,982	*	*	3,978	3,487
Sewer backup resolution time (hours)	5.8	5.5	5.6	7.0	7.0	6.6	4.6
Street segments with confirmed sewer backup in the last 12 months (% of total segments)	N/A	2.2%	2.0%	*	*	2.1%	1.7%
Street segments with recurring confirmed sewer backups in the last 12 months (% of total segments)	N/A	0.8%	0.7%	*	1.0%	0.7%	0.6%
Street cave-in complaints received	6,302	4,656	3,467	*	*	1,870	1,393
Street cave-in complaints resolved	4,435	3,314	3,149	*	*	1,423	1,413
Average time to respond to street cave-in complaints and make safe (days)	8.3	2.4	3.2	*	*	3.8	2.7
Water main breaks	421	481	370	*	*	88	65
Water main breaks per 100 miles of main in the last 12 months	N/A	6.5	6.2	*	*	6.9	5.1
Average time to restore water to customers after confirming breaks (hours)	5.5	5.4	4.8	*	6.0	6.0	4.5
Broken and inoperative hydrants (%)	0.52%	0.55%	0.36%	1.00%	1.00%	0.42%	0.26%
Average time to repair or replace high-priority broken or inoperative hydrants (days)	7.5	5.9	4.4	*	8.0	6.6	2.4
Catch basin complaints received	11,330	10,539	12,357	*	*	6,675	4,568
Catch basin backup resolution time (days)	8.4	5.1	5.1	9.0	9.0	7.0	3.0
Catch basins surveyed/inspected (%)	35.1%	29.3%	33.1%	33.3%	33.3%	8.1%	7.3%
Catch basins cleaned - Total	27,296	20,417	24,224	*	*	6,732	9,348
- Programmed cleaning	13,392	7,829	13,213	*	*	1,671	4,242
- Complaint cleaning	13,904	12,588	11,615	*	*	5,061	5,080
Backlog of catch basin repairs (% of system)	N/A	N/A	1.1%	*	1.0%	1.4%	0.6%
Leak complaints received	3,908	4,198	3,751	*	*	1,138	975
- City infrastructure	N/A	850	799	*	*	228	241
- Private infrastructure	N/A	3,332	2,971	*	*	940	737
Leak resolution time (days) (City infrastructure only)	N/A	15.5	10.7	*	12.0	12.6	7.8
Wastewater treatment plant (WWTP) effluent meeting federal standards (%)	100.0%	100.0%	99.9%	100.0%	100.0%	99.9%	99.9%
Harbor survey stations meeting the swimmable standard of 5mg/L for dissolved oxygen (%)	88%	87%	87%	89%	89%	64%	56%

Performance Statistics	Actual			Target		4-Month Actual	
	FY 10	FY 11	FY 12	FY 13	FY 14	FY 12	FY 13
WWTPs - Critical equipment out-of-service (% below minimum)	N/A	4.2%	3.0%	*	5.0%	3.6%	3.7%
Estimated bills (%)	17.0%	12.2%	6.8%	6.0%	6.0%	7.7%	4.5%
Total revenue collected (\$000,000)	\$2,552.4	\$2,918.8	\$3,139.8	\$3,232.6	\$3,447.0	\$1,426.8	\$1,486.0
Total revenue as percent of target (%)	95.2%	102.9%	101.1%	*	100.0%	99.3%	100.7%
Accounts receivable - Total balance (\$000,000)	\$1,242	\$1,385	\$1,487	*	*	\$737	\$839
- Delinquent for more than 180 days (\$000,000)	\$313	\$398	\$439	*	*	\$377	\$455
- Delinquent for more than 1 year (\$000,000)	\$220	\$279	\$308	*	*	\$261	\$320
Billed amount collected in 30 days (%)	56.4%	53.8%	54.6%	*	*	56.7%	57.3%
Air complaints received	9,699	8,623	7,931	*	*	2,977	2,782
Average days to close air quality complaints	10.8	7.7	7.0	*	10.0	7.0	5.3
Air complaints responded to within seven days (%)	76%	73%	82%	85%	85%	79%	89%
Noise complaints received	31,778	31,400	35,363	*	*	11,229	11,634
Average days to close noise complaints	15.3	9.9	9.1	*	10.0	9.5	8.5
Noise complaints not requiring access to premises responded to within seven days (%)	86%	89%	88%	85%	85%	87%	86%
Asbestos complaints received	1,180	1,320	1,461	*	*	498	548
Average days to close asbestos complaints	0.27	0.24	0.20	*	1.00	0.21	0.20
Asbestos complaints responded to within three hours (%)	100%	100%	100%	90%	90%	100%	100%
Air inspections conducted	8,492	7,880	7,288	*	*	3,004	2,608
Noise inspections conducted	19,932	18,587	19,707	*	*	6,807	6,716
Asbestos inspections conducted	5,280	6,422	6,305	*	*	2,023	2,061
DEP - issued violations	9,466	12,171	10,629	*	*	3,679	3,249
- Air	4,983	5,855	5,587	*	*	1,919	1,604
- Noise	2,446	2,582	2,233	*	*	875	684
- Asbestos	2,037	3,734	2,809	*	*	885	961
Notices of Violation (all categories) upheld at the Environmental Control Board (%)	77.1%	75.5%	72.9%	*	*	74.4%	73.1%

\*Continuation from previous page

## Appendix D

### Reconciliation of Program Areas to Units of Appropriation

<i>Dollars in Thousands</i>	Personal Services					Other Than Personal Services			Grand Total
	001	002	003	007	008	004	005	006	
Agency Administration & Support	\$27,671	\$-	\$-	\$4,439	\$-	\$-	\$-	\$48,091	\$80,201
Customer Services & Water Board Support				32,575		14,372			46,947
Engineering Design and Construction			200	35,121		802			36,123
Environmental Management	987	11,683		721		627	1,387		15,404
Miscellaneous		1,243					5,101		6,344
Upstate Water Supply			69,165	265		259,873			329,303
Wastewater Treatment Operations					171,548	239,886	1,749		413,182
Water & Sewer Maint. & Operations			100,261			80,198			180,459
<b>Grand Total</b>	<b>\$28,658</b>	<b>\$12,925</b>	<b>\$169,626</b>	<b>\$73,121</b>	<b>\$171,548</b>	<b>\$595,759</b>	<b>\$8,237</b>	<b>\$48,091</b>	<b>\$1,107,964</b>