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**Report to the Committee on Finance and the
Committee on Environmental Development
on the Fiscal 2018 Executive Budget for
Department of Environmental Protection
May 8, 2017**

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Executive Budget Summary

- **Expense Budget Overview.** The Fiscal 2018 Executive Budget for the Department of Environmental Protection (DEP or the Department) totals \$1.41 billion. The Fiscal 2018 Executive Budget is \$42 million less than the DEP's Fiscal 2017 Adopted Budget of \$1.45 billion. The Personal Services (PS) budget totals \$534.3 million and the Other Than Personal Services (OTPS) budget totals \$873.8 million.
 - Approximately \$1.2 billion, or nearly 84 percent of the DEP's Fiscal 2018 Budget is City tax-levy (CTL) funding; \$157.6 million, or 11 percent is federal; \$66.5 million, or nearly five percent is Capital - IFA; and approximately \$1.4 million, or less than one percent is Intra-City funding.
 - The DEP's total headcount for Fiscal 2018 is 6,251 positions, for a net decrease of six positions when compared to the Fiscal 2017 Adopted Budget.
- **Executive Budget Changes**
 - New needs total \$31.8 million in Fiscal 2018; \$30.5 million in Fiscal 2019; \$27.5 million in Fiscal 2020; and \$16.1 million in Fiscal 2021. They include:
 - \$8.5 million for Owls Head Wastewater Treatment Plant Sludge Dewatering and Disposal;
 - \$5.7 million for Superfund Cleanups;
 - \$3.9 million for a Water & Sewer Billing System Consultant Contract;
 - \$3.4 million for Sewer Backup Maintenance: EPA Compliance Order;
 - \$1.6 million for Information Technology (IT) Application Development;
 - \$1.2 million for a Municipal Separate Storm Sewer System (MS4) Permit Tracking System;
 - \$1.2 million to develop an Asset Management Program;
 - \$1 million for Environmental Analysis Support;
 - \$737,000 to install a Voice Over Internet Portal (VOIP) system;
 - \$690,000 for Enhanced Asbestos Control Program Audits;
 - \$683,000 to hire Highway Inspectors for Roadway Repairs;
 - \$493,000 for Bio-Diesel Inspections required by Local Law 119;
 - \$415,000 for MS4 Construction and Post-construction;
 - \$411,000 for City Tunnel #3 Shaft Maintenance;
 - \$361,000 for Project Management Software Licenses;
 - \$299,000 for an Ecological and Water Quality Study;
 - \$295,000 for Delaware Aqueduct Repair Program Support;
 - \$180,000 for Property Acquisition Staff; and
 - \$130,000 for Hurricane Sandy Grant Management Staff.
 - Other adjustments total \$158.7 million for Fiscal 2018.

- Savings total \$23.9 million in Fiscal 2018 and \$21.4 million in the outyears. The DEP's Fiscal 2018 savings plan includes:
 - \$12.8 million for internal operational and maintenance efficiencies;
 - \$9.2 million as a result of re-bidding and reducing the overall number of agency contracts; and
 - \$1.9 million for reductions in fuel consumption and the implementation of energy retrofits.
- **Capital Budget.** The Fiscal 2018 Executive Capital Commitment Plan includes \$13.6 billion in Fiscal 2017-2021 for the DEP. The Capital Commitment Plan largely supports water pollution control, sewer and water main reconstruction and construction.

DEP Overview

This report presents a review of the DEP's Fiscal 2018 Executive Budget. The section below presents an overview of the Department's budget and how it has changed during the course of Fiscal 2017, followed by a review of the significant budget actions introduced in the Fiscal 2018 Executive Budget. Major issues related to the Department's budget are then discussed. Analysis and highlights of the DEP's Capital Commitment Plan for the Fiscal 2018 Executive Budget follows the discussion of the expense budget. Appendix 1 reports the changes made to the Fiscal 2017 and Fiscal 2018 Budgets since Adoption of the Fiscal 2017 Budget. For additional information on the Department's budget and its various programs, please refer to the Fiscal 2018 Preliminary Budget Report for the DEP at: <http://council.nyc.gov/budget/wp-content/uploads/sites/54/2017/03/826-DEP.pdf>

DEP Financial Summary						
<i>Dollars in Thousands</i>	2015 Actual	2016 Actual	2017 Adopted	Executive Plan		*Difference
				2017	2018	2017 - 2018
Spending						
Personal Services	\$477,217	\$492,278	\$519,713	\$517,820	\$534,342	\$14,629
Other Than Personal Services	738,837	774,880	930,387	1,005,982	873,760	(\$56,627)
TOTAL	\$1,216,054	\$1,267,157	\$1,450,101	\$1,523,802	\$1,408,102	(\$42,000)
Budget by Program Area						
Agency Administration & Support	\$92,843	\$99,414	\$104,966	\$102,427	\$102,441	(\$2,525)
Customer Services & Water Board Support	45,209	46,566	53,361	53,368	54,218	\$857
Engineering Design and Construction	34,692	34,400	39,072	37,074	42,025	\$2,953
Environmental Management	24,115	28,179	28,516	29,635	35,470	\$6,954
Miscellaneous	103,929	153,304	160,876	257,229	138,331	(\$22,545)
Upstate Water Supply	327,763	352,782	402,064	391,086	394,983	(\$7,081)
Wastewater Treatment Operations	411,584	398,813	483,680	491,869	465,843	(\$17,837)
Water & Sewer Maintenance & Operations	175,919	153,700	177,566	161,115	174,790	(\$2,776)
TOTAL	\$1,216,054	\$1,267,157	\$1,450,101	\$1,523,802	\$1,408,102	(\$42,000)
Funding						
City Funds			\$1,207,283	\$1,177,033	\$1,182,617	(\$24,666)
Other Categorical			0	9,087	0	\$0
Capital - IFA			65,971	62,846	66,484	\$513
State			0	3,641	0	\$0
Federal - CD			175,368	256,060	157,498	(\$17,870)
Federal - Other			123	7,411	134	\$11
Intra City			1,355	7,723	1,369	\$14
TOTAL	\$1,216,054	\$1,267,157	\$1,450,101	\$1,523,802	\$1,408,102	(\$42,000)
Budgeted Headcount						
Full-Time Positions - Civilian	5,558	5,720	6,257	6,225	6,251	(6)

*The difference of Fiscal 2017 Adopted Budget compared to Fiscal 2018 Executive Budget.

The City's Fiscal 2018 Executive Budget totals \$84.9 billion, \$2.8 billion more than the Fiscal 2017 Adopted Budget of \$82.1 billion. City funds (City tax-levy and non-tax revenues) total \$61.1 billion when compared to the Fiscal 2017 Adopted Budget amount of \$59.3 billion.

For the DEP, the Fiscal 2018 Executive Budget totals \$1.41 billion, \$42 million less than its Fiscal 2017 Adopted Budget of \$1.45 billion. Additionally, the Department's Personal Services (PS) spending increased by \$14.6 million since the Fiscal 2017 Adopted Budget, while Other Than Personal Services (OTPS) spending decreased by \$56.6 million. The majority of the increase in PS spending is attributed to Housing Recover Operations (HRO), collective bargaining, catch basin and asbestos inspections and technology staff insourcing. The majority of the decrease in OTPS spending is attributed to savings initiatives and one-time funding that did not carry from Fiscal 2017 into Fiscal 2018 for Flushing Bay Dredging.

Below is a summary of key funding changes by program area and source when comparing the DEP's Fiscal 2018 Executive Budget to its Fiscal 2017 Adopted Budget.

- **Decrease in City Funding.** Approximately \$1.18 billion, or nearly 84 percent of the DEP's Fiscal 2018 budget is City tax-levy (CTL) funding. The Department's Fiscal 2018 Executive Budget reflects a \$24.7 million decrease in City funds. The majority of this decrease is due to various savings the DEP will realize in Fiscal 2018.
- **Decrease in Federal – CD Funding.** Approximately \$157.5 million, or 11 percent of the DEP's Fiscal 2018 budget is federal – community development funding. The Department's Fiscal 2018 Executive Budget reflects a \$17.9 million decrease in federal funds. This change is mainly due to a decrease of \$17.9 million in CDBG-DR funding for the Build It Back (BIB) program in Fiscal 2017 that is not funded in Fiscal 2018. CDBG-DR funding for BIB is typically re-estimated and restored in subsequent financial plans.
- **Decrease in Full-Time Equivalent Headcount.** The Department's overall budgeted headcount decreased by six full-time positions in Fiscal 2018. This decrease is primarily due to a reduction of 90 full-time positions for green infrastructure and CDBG-DR work, which is offset by an increase of 84 full-time positions for various agency initiatives.

New in the Executive Budget

The following are major financial plan actions for Fiscal 2018 included in the Executive Plan.

- **Owls Head Wastewater Treatment Plant Sludge Dewatering and Disposal.** The Fiscal 2018 Executive Plan includes \$8.4 million in Fiscal 2018 through Fiscal 2020 for on-site dewatering operations. Since the facilities dock has been deemed unusable, funding for dewatering operations has been added for the next three years until the dock is reconstructed.
- **Superfund Cleanups.** The Fiscal 2018 Executive Plan includes \$5.7 million in Fiscal 2018 and varying funding levels in the outyears for additional sampling, analysis and modeling required for the Gowanus Canal and Newtown Creek sites.
- **Water & Sewer Billing System Consultant.** The Fiscal 2018 Executive Plan includes \$3.9 million in Fiscal 2018 and in the outyears for consultant services to support the operation of the water and sewer billing system.
- **Sewer Maintenance - EPA Compliance Order.** The Fiscal 2018 Executive Plan includes \$3.4 million in Fiscal 2018 and varying funding levels in the outyears to implement a pilot program for increased sewer maintenance in five community boards. The DEP is negotiating with the

United States Environmental Protection Agency (USEPA) on a new administrative order for sewer backups.

- **Information Technology Application Development.** The Fiscal 2018 Executive Plan includes \$1.7 million in Fiscal 2018 for consultancy services related to develop and implement the Department's Asbestos Report Tracking System (ARTS), Clean Air Tracking System (CATS), and Sharepoint system.
- **MS4 Permit Tracking System.** The Fiscal 2018 Executive Plan includes \$1.2 million in Fiscal 2018 and varying funding levels in the outyears to develop a new computer-based permit and tracking system to monitor and reduce pollutants in storm water runoff stemming from industrial and commercial sources.
- **Asset Management Program.** The Fiscal 2018 Executive Plan includes \$1.2 million in Fiscal 2018 and varying funding levels in the outyears to develop an asset management program for wastewater treatment plants, pumping stations, drinking water facilities and combined sewer overflow assets. The aim of this program is to identify the condition of assets and place them on a schedule for future capital work if needed.
- **VOIP Telephone System.** The Fiscal 2018 Executive Plan includes \$736,697 in Fiscal 2018 and \$752,390 in the outyears for the Department's telecommunication system.
- **Enhanced Asbestos Control Program Audits.** The Fiscal 2018 Executive Plan includes \$689,824 in Fiscal 2018 and \$405,864 in the outyears to hire eight full-time staff to conduct additional audits of asbestos assessment reports (ACP5s) that are being self-certified by program providers citywide. The increased costs in Fiscal 2018 is attributed to one-time OTPS purchases for vehicles, tablets and desktop computers.
- **Highway Inspectors for Roadway Repairs.** The Fiscal 2018 Executive Plan includes \$683,459 in Fiscal 2018 and \$416,459 in the outyears to hire seven full-time staff that will liaise with the Department of Transportation (DOT) to inspect active construction, emergency street openings/excavations and utility openings. The increased costs in Fiscal 2018 is attributed to one-time OTPS purchases for vehicles.
- **Bio-Diesel Inspections Required by Local Law 119.** The Fiscal 2018 Executive Plan includes \$493,485 in Fiscal 2018 and \$315,985 in the outyears to hire five full-time staff responsible for inspecting building fuel systems citywide to ensure compliance with the bio-diesel mandate required by Local Law 642-A of 2016. The increased costs in Fiscal 2018 is attributed to one-time OTPS purchases for vehicles, tablets and desktop computers.
- **Maintenance of City Tunnel #3 Shafts in Brooklyn.** The Fiscal 2018 Executive Plan includes \$411,000 in Fiscal 2018 and in the outyears for maintenance and operational support of City Tunnel #3 Shafts in Brooklyn.
- **Project Management Software Licenses.** The Fiscal 2018 Executive Plan includes \$360,912 in Fiscal 2018, growing to \$458,968 in Fiscal 2021 to purchase software licenses for the Department's E-Builder capital project management system.
- **Ecological & Water Quality Study.** The Fiscal 2018 Executive Plan includes \$298,885 in Fiscal 2018 and varying funding levels in the outyears to conduct an ecological and water study assessing biological nitrogen removal in Jamaica Bay.

- **Delaware Aqueduct Repair Program Support.** The Fiscal 2018 Executive Plan includes \$295,000 in Fiscal 2018 for environmental assessments and project support related to the Delaware Aqueduct repair.
- **Property Acquisition Staff.** The Fiscal 2018 Executive Plan includes \$180,000 in Fiscal 2018 and in the outyears to hire two full-time staff that will work on neighborhood studies supporting citywide affordable housing rezoning initiatives.
- **Hurricane Sandy Grant Management Staff.** The Fiscal 2018 Executive Plan includes \$130,234 to hire two full-time staff to assist with the coordination and administration of Hurricane Sandy grant funding in the DEP's budget.

Preliminary Budget Highlights

The DEP's Fiscal 2018 Executive Budget also entails changes made in the Preliminary Budget. Below are some of the key highlights from the Department's Fiscal 2018 November and Preliminary Plans:

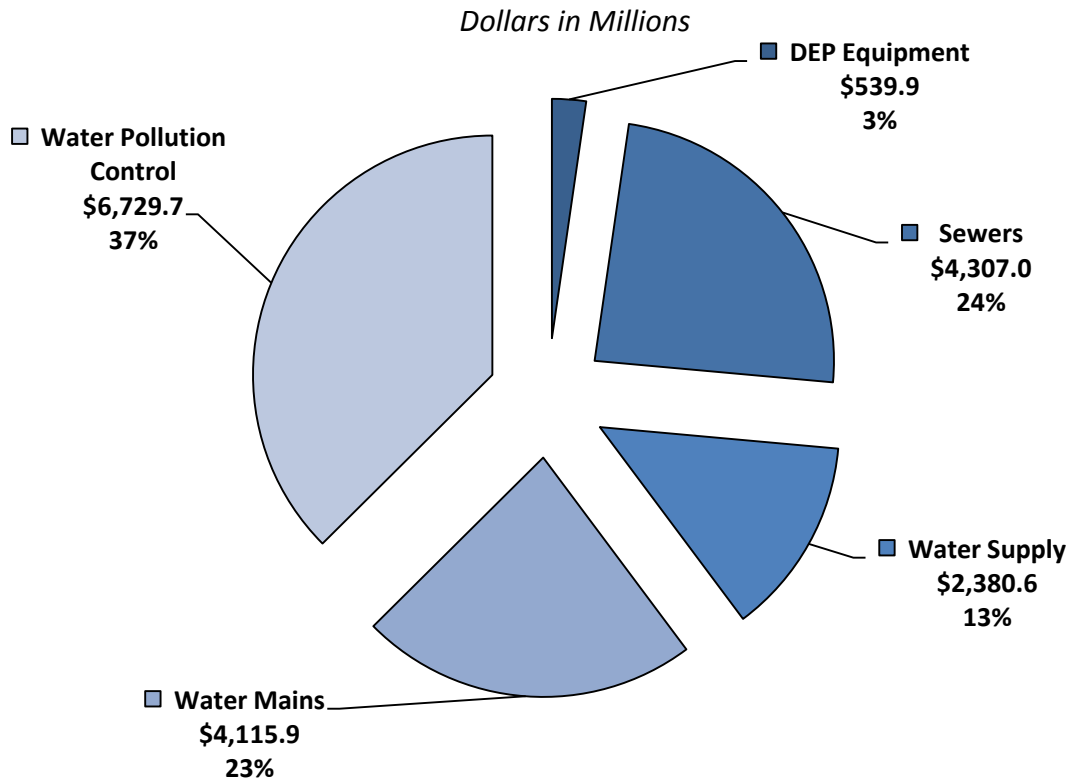
- **Site Acquisition Related to Gowanus Canal Combined Sewer Overflow Tanks.** To comply with a strict timeline mandated by the United States Environmental Protection Agency (USEPA) in the cleanup of the Gowanus Canal, the DEP must acquire a site for the RH-34 combined sewer overflow tank, no later than April 2020 because the site will be located currently on private-owned land. The secondary tank, OH-007, is planned to be located on existing City land. The Fiscal 2018 Preliminary Plan included \$10 million in Fiscal 2017 that will allow the DEP to work with the Economic Development Corporation (EDC) to secure an interest in two properties for prompt acquisition to occur after the Uniform Land Use Review Procedure is completed.
- **Owls Head Emergency Sludge Dewatering and Disposal Services.** As of December 2016, the Owls Head Wastewater Treatment Plant docks that are used for transporting sludge are in need of immediate repair. The DEP submitted a Declaration of Emergency to commence reconstruction as soon as possible. In the interim, \$5.4 million is included in the Fiscal 2018 Preliminary Plan in Fiscal 2017 for a temporary dewatering operation while the dock is being repaired.
- **Additional Staff for OER Clean Soil Bank.** The November Plan included \$41,918 in Fiscal 2017 and \$68,000 in the outyears to hire one additional full-time staff position to manage the NYC Clean Soil Bank program – a no-cost soil exchange that allows clean native soil excavated from sites to be directly transferred to nearby construction sites.

DEP Capital Strategy and Plan

Ten-Year Capital Strategy

The City's Ten-Year Capital Strategy totals \$95.8 billion (all funds), an increase of \$6.3 billion, or 6.6 percent from the Preliminary Ten-Year Capital Strategy total of \$89.6 billion. For the DEP, the Executive Ten-Year Capital Strategy provides \$18.1 billion, including \$6.8 billion for Water Pollution Control; \$4.3 billion for Sewers; \$4.1 billion for Water Mains; \$2.4 billion for Water Supply; and \$539.9 million for Equipment.

Ten-Year Capital Strategy by Category



The Department of Environmental Protection's Ten-Year Capital Strategy for Fiscal 2018-2027 totals approximately \$18.1 billion, all of which are City funds, and its Capital Commitment Plan totals \$13.6 billion. The DEP's capital projects are divided into five categories as illustrated by the chart below.

DEP Fiscal 2018-2027 Executive Ten-Year Capital Strategy											
<i>Dollars in Thousands</i>	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Water Pollution Control	\$1,123,942	\$1,291,052	\$1,111,005	\$737,466	\$530,718	\$610,122	\$335,833	\$322,076	\$478,782	\$188,750	\$6,729,746
Water Mains	1,066,635	511,760	550,517	342,333	432,497	226,728	193,558	114,841	167,050	509,943	4,115,862
Sewers	880,421	699,095	684,807	343,776	453,019	253,629	252,368	435,810	189,053	115,065	4,307,043
Water Supply	197,647	78,925	260,000	135,048	1,109,000	82,000	408,000	110,000	-	-	2,380,620
Equipment	125,223	89,020	76,008	53,712	61,099	34,709	29,125	15,844	23,200	32,000	539,940
Total	\$3,393,868	\$2,669,852	\$2,682,337	\$1,612,335	\$2,586,333	\$1,207,188	\$1,218,884	\$998,571	\$858,085	\$845,758	\$18,073,211

Source: Office of Management and Budget (OMB) Executive Ten-Year Capital Strategy Fiscal Years 2018-2027

Details regarding the agency's Ten-Year Capital Strategy are provided below.

- **Water Pollution Control.** The Ten-Year Capital Strategy includes \$6.7 billion for wastewater treatment programs, including plant upgrading & reconstruction, water quality mandates, green infrastructure, consent decree upgrading & construction, biological nutrient removal and plant component stabilization.
- **Water Mains, Sources, and Treatment.** The Ten-Year Capital Strategy includes \$4.1 billion for the protection and upkeeps of the City's source water supply and water distribution systems.
- **Sewers.** The Ten-Year Capital Strategy includes \$4.3 billion to replace existing sewers in areas requiring increased capacity, to extend sewers to underserved areas, and to replace failing, flawed, or collapsed sewer mains.
- **Water Supply.** The Ten-Year Capital Strategy includes \$2.4 billion for the construction of the Kensico Reservoir to Eastview Connection tunnel, completion of work on Stage 2 of City Water No. 3, the modification of chambers at the Hillview Reservoir, and the development of alternative water sources associated with the Water for the Future Program.
- **Equipment.** The Ten-Year Capital Strategy includes \$539.9 million for water meter installation and automatic reading system, facility purchases, payments for gas utility line relocation and vehicle purchases.

Major Capital Projects in the Fiscal 2018 Ten-Year Strategy include:

South East Queen's Sewer Buildout. The Ten-Year Capital Strategy includes \$1.55 billion towards Southeast Queens flood mitigation. The Southeast Queens community has been experiencing chronic flooding for decades as residential and commercial development continued to outpace the extension of the City's sewer system. These measures, once implemented, will provide great relief to the neighboring community.

Kensico-Eastview Connection Tunnel. The Ten-Year Capital Strategy includes \$1.2 billion to fully fund the Kensico-Eastview Connection Tunnel. As a result of the startup of the Catskill-Delaware Ultraviolet Facility, the portion of the Catskill Aqueduct between the Kensico Reservoir and Eastview was taken out of service. To replace the Catskill Aqueduct and ensure future City demands can be met, the DEP will build a new deep rock tunnel between the two sites.

Job Order Contracts - Regions North, South & East. The Ten-Year Capital Strategy includes \$538.6 million to cover small and medium capital improvements to various water pollution control facilities.

North River Water Pollution Control Plant – Structural Improvements. The Ten-Year Capital Strategy includes \$360 million to address structural issues with the plants underdeck, main level and roof drainage system.

Ashokan Reservoir / Olive Bridge Dam & Upper/ Lower Outlet. The Ten-Year Capital Strategy includes \$733 million to address structural issues within the dam and dikes at the Ashokan Reservoir and Olive Bridge Dam.

City Tunnel # 3. This critical project has been under construction since 1970. 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 1936, respectively. An additional \$300 million was allocated in the Preliminary Ten-Year Capital Strategy to fully fund the completion of the

Brooklyn/ Queens leg of the City Tunnel # 3, increasing to a total of \$600 million to fund this portion of the project.

Upper Catskill Aqueduct Capacity. The Ten-Year Capital Strategy includes \$155 million to reconstruct and repair leaks in the Upper Catskill Aqueduct.

Capital Commitment Plan

The Executive Capital Commitment Plan includes \$13.6 billion in Fiscal 2017-2021 for the Department of Environmental Protection. The Department's Executive Capital Commitment Plan increased by \$416 million when compared to its Preliminary Plan, representing an increase of 3.2 percent.

Since the Office of Management and Budget (OMB) frontloads budgets for capital projects, which usually span multiple fiscal years, agencies often roll unspent capital funds into future fiscal years. In Fiscal 2016, the DEP only committed \$1.59 billion or approximately 68 percent of its annual capital plan. Therefore, it is assumed that a significant portion of the DEP's Fiscal 2017 Capital Plan will be rolled into outyears. The Executive Capital Plan rolled some of the DEP's funding forward, an overall total change of 3.2 percent as shown in the table below.

DEP 2017-2021 Capital Commitment Plan						
<i>Dollars in Thousands</i>						
	2017	2018	2019	2020	2021	Total
Executive Plan	\$3,213,576	\$3,393,868	\$2,669,852	\$2,682,337	\$1,612,335	\$13,571,968
Preliminary Plan	3,195,587	3,007,414	2,686,892	2,746,847	1,519,009	\$13,155,749
Change	17,989	386,454	(17,040)	(64,510)	93,326	416,219
Percentage Change	0.6%	12.9%	(-0.6%)	(-2.3%)	6.1%	3.2%

Source: OMB Fiscal 2018 Executive Capital Commitment Plan

The Department's Capital Commitment Plan can be divided into five program areas as follows:

- **Equipment.** The Executive Plan includes \$446.2 million for Equipment. Activities in this category primarily focus on water meter installation and automated meter reading systems; facility purchases and reconstruction; payments for gas utility line relocation; and equipment purchases such as laboratory instruments, vehicles and computers.
- **Sewers.** The Executive Plan includes \$3.5 billion for Sewers. Projects in this category include replacing existing sewers in areas requiring increased capacity, extending sewers to unserved or underserved areas, and replacing failing or collapsed sewer mains.
- **Water Mains, Sources and Treatment.** The Executive Plan includes \$3.5 billion for Water mains, Sources and Treatment. This category involves the protection and upkeep of the City's source water supply and water distribution system.
- **Water Pollution Control.** The Executive Plan includes \$5.2 billion directed at improving the quality of the City's waterways and to ensure compliance with mandates imposed by the Clean Water Act.
- **Water Supply.** The Executive Plan includes \$896.8 million for Water Supply. This category includes the development of alternate water sources associated with the Water for the Future Program, the modification of chambers at the Hillview Reservoir, and the City Water Tunnel No. 3.

Appendix 1: Fiscal 2018 Budget Actions since Fiscal 2017 Adoption

<i>Dollars in Thousands</i>	FY 2017			FY 2018		
	City	Non-City	Total	City	Non-City	Total
DEP Budget as of the Adopted 2017 Plan	\$1,207,283	\$242,818	\$1,450,101	\$1,155,886	\$70,661	\$1,226,547
New Needs - Prelim. 2018						
Additional Staff for OER Clean Soil Bank	\$42	\$0	\$42	\$68	\$0	\$68
Owls Head Emergency Sludge Dewatering	5,359	0	5,359	0	0	0
Site Acquisition Related to Gowanus Canal Sewer Overflow Tank	10,000	0	10,000	0	0	0
Subtotal, New Needs	\$15,401	\$0	\$15,401	\$68	\$0	\$68
Other Adjustments - Prelim. 2018						
Biowatch	\$0	\$811	\$811	\$0	\$0	\$0
Biowatch year 11	0	2,905	2,905	0	0	0
BOA Grant	0	4	4	0	0	0
Bricklayers L237 Collective Bargaining	28	0	28	28	0	28
Brownfield Grants	0	150	150	0	0	0
Brownfield	0	49	49	0	0	0
Catch Basin Inspection Savings	(764)	0	(764)	(764)	0	(764)
CDBG JOC Admin Reim	0	70,012	70,012	0	0	0
Croton Water Filtration Polyaluminum Reduction	(285)	0	(285)	(285)	0	(285)
Croton Water Filtration Sulfuric Acid Reduction	(901)	0	(901)	(901)	0	(901)
Delays in Contract Procurement for Catch Basin Cleaning	(2,406)	0	(2,406)	0	0	0
Demand Response Program	0	6,790	6,790	0	0	0
DR	0	576	576	0	0	0
Elimination of Inefficient Pilot Program	(555)	0	(555)	(555)	0	(555)
FY 17 ExCEL Projects	0	1,223	1,223	0	0	0
HRO - budget Realignment	0	(137)	(137)	0	0	0
HRO - Funding Realignment	0	54,459	54,459	0	0	0
Improved Completion for IT Telecom Contracts	(599)	0	(599)	0	0	0
Jamaica Bay Oyster Grant	0	1,000	1,000	0	0	0
L1180 Admin Manager	32	0	32	13	0	13
Lefrak Carpenter Installation	0	1,689	1,689	0	0	0
Lower Green Infrastructure Maint. Costs	(4,041)	0	(4,041)	(5,064)	0	(5,064)
Lower Green Infrastructure Maint. Costs 1	(320)	0	(320)	0	0	0
Lower Upstate Taxes	(212)	0	(212)	(217)	0	(217)
NYSERDA	0	141	141	0	0	0
NYSERDA Ben Nesin	0	10	10	0	0	0
OER Staff Training	20	0	20	20	0	20
Oilers Collective Bargaining	1,663	0	1,663	1,663	0	1,663
Savings from New Contract for Wastewater Effluent	(1,082)	0	(1,082)	(2,814)	0	(2,814)
Wastewater Treatment Chemical Savings	(5,000)	0	(5,000)	(3,500)	0	(3,500)
Waste Reuse Grant Program	(500)	0	(500)	(500)	0	(500)
Welder IUOE Local 15	24	0	24	28	0	28
Biowatch (2)	0	0	0	0	474	474
Contractual Service Delays	(5,694)	0	(5,694)	5,319	0	5,319
Energy Savings Improvements at Hunts Point	(145)	0	(145)	(145)	0	(145)
HS 17.01	2,800	0	2,800	0	0	0
Jan Plan: Reallocating Funds	231	0	231	0	0	0
Projected IFA Personal Services Surplus	(1,125)	0	(1,125)	0	0	0
Projected Personal Services Surplus	(1,250)	0	(1,250)	0	0	0
Reduction of Other Than Personal Services Surplus	0	0	0	(780)	0	(780)
Savings on Security Contract Costs	(248)	0	(248)	(526)	0	(526)
Timber Harvest Contract Delay	(500)	0	(500)	0	0	0
Subtotal, Other Adjustments	(\$20,829)	\$139,682	\$118,853	(\$8,980)	\$474	(\$8,506)
TOTAL, All Changes Prelim. 2018	(\$5,428)	\$139,682	\$134,254	(\$8,912)	\$474	(\$8,438)

<i>Dollars in Thousands</i>	FY 2017			FY 2018		
	City	Non-City	Total	City	Non-City	Total
DEP Budget as of the Preliminary 2018 Plan	\$1,199,950	\$383,931	\$1,583,881	\$1,146,974	\$70,661	\$1,217,635
New Needs - Exec. 2017						
Bio-Diesel Inspections Required by Local Law 119	\$0	\$0	\$0	\$493	\$0	\$493
Consultants for Maintenance of Water and Sewer Billing System	0	0	0	3,902	0	3,902
Asset Management Program	0	0	0	1,150	0	1,150
Enhanced Asbestos Control Program Audits	0	0	0	690	0	690
Environmental Analysis Support	0	0	0	1,000	0	1,000
Hurricane Sandy Grant Management Support	0	0	0	130	0	130
Highway Inspectors for Roadway Repairs	0	0	0	684	0	684
Information Technology Application Development	0	0	0	1,666	0	1,666
Maintenance of City Tunnel #3 Shafts in Brooklyn	0	0	0	411	0	411
Ecological & Water Quality Study	(173)	0	(173)	299	0	299
Croton Maintenance	0	0	0	380	0	380
MS4 Permitting	(115)	0	(115)	1,870	0	1,870
Owls Head Emergency Sludge Dewatering	0	0	0	8,446	0	8,466
Delaware Aqueduct Program Support	0	0	0	295	0	295
Project Management Software Licenses	0	0	0	361	0	361
Sewer Backup Maintenance: EPA Compliance Order	0	0	0	3,419	0	3,419
Property Acquisition Staff	0	0	0	180	0	180
Superfund Cleanups	0	0	0	5,716	0	5,716
VOIP Telephone System	0	0	0	737	0	737
Subtotal, New Needs	(\$288)	\$0	(\$288)	\$31,829	\$0	\$31,849
Other Adjustments - Exec. 2018						
26th Ward Main Sewage Pump Improvements	(\$274)	\$0	(274)	\$274	\$0	274
Administrative Savings	0	0	0	(290)	0	(290)
Application Development Insourcing	0	0	0	433	0	433
Brookfield Landfill Maintenance Contract	0	0	0	(200)	0	(200)
Brownfield Grants	0	33	33	0	0	0
Bureau of Customer Service Savings	0	0	0	(385)	0	(385)
Catskill/ Delaware Filtration Plant Study	0	0	0	(1,000)	0	(1,000)
City Laborers Collective Bargaining	52	10	62	53	10	63
City-wide Color Printing Savings	0	0	0	(65)	0	(65)
Citywide Fleet Savings	0	0	0	(1,014)	0	(1,014)
City-wide Skill Trade Overtime Reduction	0	0	0	(341)	0	(341)
Clean Heat Program	0	4,500	4,500	0	0	0
Sewer and Arterial Highway Catch Basin Savings	0	0	0	(344)	0	(344)
Contract Savings on Fluoride	0	0	0	(1,400)	0	(1,400)
Croton Filtration Plant Excess Funds	0	0	0	(45)	0	(45)
Demolition of Abandoned Facilities Upstate	(139)	0	(139)	139	0	139
Auditors	0	255	255	0	0	0
Energy and Fuel Savings at Treatment Plants	0	0	0	(1,717)	0	(1,717)
Energy Retrofit Analysis Tool	(150)	0	(150)	0	0	0
Environmental Health and Safety Support Services	(1,075)	0	(1,075)	0	0	0
ExCEL Supplemental Agreement	0	391	391	0	0	0
Study for Cannonsville Hydro Electric Facility	(200)	0	(200)	0	0	0
Geothermal Energy Study	(75)	0	(75)	75	0	75
Heat, Light, Power	(2,423)	0	(2,423)	783	0	783
Heating Fuel	(857)	0	(857)	2,019	0	2,019
High Falls Backup Water Supply	(550)	0	(550)	550	0	550
Housing Recovery Operations Surplus Takedown	0	0	0	0	(503)	(503)
Housing Recovery Operations Adjustment	0	(43,871)	(43,871)	0	155,303	155,303
Housing Recovery Operations OTPS	0	(45)	(45)	0	326	326
IFA Re-estimate	0	(2,000)	(2,000)	0	0	0
IT Licensing Contract	(180)	0	(180)	180	0	180
Kensico Reservoir Environmental Impact Statement	(1,000)	0	(1,000)	500	0	500
Lease Adjustment	0	0	0	227	13	240
Motor Fuel	(151)	0	(151)	109	0	109
MS4 Floatables Media Campaign and Metrics	(900)	0	(900)	550	0	550
NEIWPCC	0	33	33	0	0	0
NYSERDA	0	3,490	3,490	0	0	0
Oakwood Beach Wetland Construction	(275)	0	(275)	50	0	50
Oyster Restoration in Jamaica Bay	(335)	0	(335)	335	0	335
Reimbursement of Upstate Remediation Cost	(750)	0	(750)	750	0	750

<i>Dollars in Thousands</i>	FY 2017			FY 2018		
	City	Non-City	Total	City	Non-City	Total
Retrofit Accelerator	(520)	0	(520)	520	0	520
Salary Surplus	(233)	0	(233)	0	0	0
Sale of Upper East Nitrogen Credits	0	0	0	(1,400)	0	(1,400)
Support for Superfund Cleanups	(1,600)	0	(1,600)	1,600	0	1,600
Toilet Replacement Program	(5,250)	0	(5,250)	2,000	0	2,000
Town of Warwasing Flood Support	(1,500)	0	(1,500)	0	0	0
Ulster County Rail Trail	(1,500)	0	(1,500)	1,485	0	1,485
Upstate Wastewater Treatment Plant Savings	0	0	0	(1,614)	0	(1,614)
Upstate Conservation Program	(1,042)	0	(1,042)	1,042	0	1,042
Wards Island Interceptor Cleaning	0	0	0	(310)	0	(310)
Wastewater Treatment Plant Energy Study	(200)	0	(200)	(600)	0	(600)
Water Reuse Grant Program	(500)	0	(500)	0	0	0
Subtotal, Other Adjustments	(\$21,627)	(\$37,204)	(\$58,831)	\$2,949	\$155,149	\$158,700
TOTAL, All Changes - Exec. 2018	(\$21,915)	(\$37,204)	(\$59,119)	\$34,778	\$155,149	\$189,947
DEP Budget as of the Fiscal 2018 Executive Plan	\$1,178,035	\$346,727	\$1,523,802	\$1,181,752	\$225,810	\$1,408,102