

THE COUNCIL OF THE CITY OF NEW YORK

Hon. Corey Johnson
Speaker of the Council

Hon. Daniel Dromm
Chair, Finance Committee

Hon. Costa Constantinides
Chair, Environmental Protection



Report to the Committee on Finance and the Committee on Environmental Protection
on the Fiscal 2020 Executive Plan, the Ten-Year Strategy for Fiscal 2020-2029, and Fiscal
2020 Executive Capital Commitment Plan

Department of Environmental Protection

May 9, 2019

Finance Division

Jonathan Seltzer, Senior Financial Analyst
Crielhien Francisco, Unit Head

Latonia McKinney, Director
Regina Poreda-Ryan, Deputy Director

Paul Scimone, Deputy Director
Nathan Toth, Deputy Director

DEP Overview

This report presents a review of the Department of Environmental Protection's (DEP or the Department) Fiscal 2020 Executive Budget. The section below presents an overview of the Department's expense budget and how it has changed during the course of Fiscal 2019, followed by a review of the significant budget actions introduced in the Fiscal 2020 Executive Budget. Major issues related to the Department's budget are then discussed.

Analysis and highlights of DEP's Ten-Year Capital Strategy and Fiscal 2019–2023 Capital Commitment Plan follows the discussion of the expense budget. Finally, Appendix 1 reports the changes made to the Fiscal 2019 and Fiscal 2020 Budgets since Adoption of the Fiscal 2019 Budget. For additional information on the Department's budget and its various programs, please refer to the Fiscal 2020 Preliminary Budget Report for DEP at: <https://council.nyc.gov/budget/wp-content/uploads/sites/54/2019/03/826-DEP1.pdf>

Fiscal 2020 Preliminary Budget Response

The Council's response to the Mayor's Fiscal 2020 Preliminary Budget included two recommendations for the Department. The recommendations called on the Administration to re-estimate the Glycerol chemical budget based on current usage levels and to restore funding for derelict boat removal from our local waterbodies. Of the two recommendations, a \$2.5 million re-estimate was included in the Executive Plan to right-size the Glycerol chemical budget.

Fiscal 2020 Executive Plan Expense Budget Highlights

Table 1: Department of Environmental Protection Financial Plan Summary

<i>Dollars in Thousands</i>	2017	2018	2019	Executive Plan		*Difference
	Actual	Actual	Adopted	2019	2020	2019-2020
Spending						
Personal Services	\$549,731	\$551,221	\$545,910	\$564,252	\$561,206	\$15,296
Other Than Personal Services	886,164	880,860	841,948	874,353	804,931	(37,018)
TOTAL	\$1,435,894	\$1,432,081	\$1,387,858	\$1,438,605	\$1,366,136	(\$21,722)
Budget by Program Area						
Agency Administration & Support	\$105,056	\$111,127	\$106,679	\$112,388	\$106,248	(\$431)
Customer Services & Water Board Support	50,936	47,480	56,673	56,838	58,429	1,755
Engineering Design and Construction	35,612	37,799	42,206	43,325	42,387	181
Environmental Management	28,899	29,917	29,378	29,061	21,114	(8,264)
Miscellaneous	199,722	191,368	80,877	116,208	(3,801)	(84,678)
Upstate Water Supply	365,146	365,862	407,338	384,052	422,588	15,250
Wastewater Treatment Operations	483,703	481,114	469,940	487,516	493,986	24,046
Water & Sewer Maintenance & Operations	166,820	167,414	194,767	209,217	225,185	30,417
TOTAL	\$1,435,894	\$1,432,081	\$1,387,858	\$1,438,605	\$1,366,136	(\$21,722)
Funding						
City Funds			\$1,227,937	\$1,222,213	\$1,288,405	\$60,468
Other Categorical			0	8,094	0	0
Capital- IFA			66,641	66,907	70,020	3,379
State			0	1,427	5,161	5,161
Federal - Community Development			92,049	130,521	612	(91,438)
Federal - Other			151	7,136	1,329	1,178
Intra City			1,080	2,307	610	(469)
TOTAL	\$1,435,894	\$1,432,081	\$1,387,858	\$1,438,605	\$1,366,136	(\$21,722)
Budgeted Headcount						
Full-Time Positions - Civilian	5,748	5,832	6,332	6,345	6,169	(163)
TOTAL	5,748	5,832	6,332	6,345	6,169	(163)

*The difference of Fiscal 2019 Adopted Budget compared to Fiscal 2020 Executive Budget.

Below is summary of key funding changes by program area and source when comparing the Department's Fiscal 2020 Executive Budget to its Fiscal 2019 Adopted Budget.

Changes by Funding Source

- **City Funds.** City tax-levy (CTL) funding increases by \$60.5 million when compared to the Fiscal 2019 Adopted Budget. This is due to a \$30.4 million increase in Water & Sewer Maintenance & Operations; a \$24.1 million increase in Wastewater Treatment Operations; and a \$15.3 million increase in Upstate Water Supply; this amount is partially offset by an \$8.3 million decrease in Environmental Management.
- **Federal Funds.** Federal funding decreases by \$91.4 million when compared to the Fiscal 2019 Adopted Budget. This change is mainly due to a decrease in Community Block Development Grant – Disaster Recovery (CDBG-DR) funding for the Build it Back (BIB) program. CDBG-DR funding for BIB is typically re-estimated and restored in subsequent financial plans.

Below is a summary by program area of the major changes between the Department's Fiscal 2020 Executive Budget to its Fiscal 2019 Adopted Budget.

Changes by Program Area

- **Water & Sewer Maintenance & Operations.** The Fiscal 2020 Executive Budget increases by \$30.4 million in the Water & Sewer Maintenance & Operations program area. This increase is primarily attributed to water and sewer line replacement needs citywide, including lead service lines, and collective bargaining costs.
- **Wastewater Treatment Operations.** The Fiscal 2020 Executive Budget increase by \$24.1 million in the Wastewater Treatment Operations program area. This increase is primarily attributed to biosolid removal/disposal; combined sewer overflow retention tank cleaning; fire system maintenance at 14 wastewater treatment plants; and collective bargaining costs.
- **Miscellaneous.** The Fiscal 2020 Executive Budget for the miscellaneous program area decreases by \$84.7 million. This is due to a decrease in CDBG-DR funding for the BIB program. As mentioned earlier in this report, funding for BIB is typically re-estimated and restored in subsequent financial plans.
- **Environmental Management.** The Fiscal 2020 Executive Budget for the Environmental program area decreases by \$8.3 million. Similar to the miscellaneous program area, funding for the BIB will be re-estimated in a subsequent plan.

Headcount

The Department's Fiscal 2020 Executive Budget provides for 6,169 positions. The decrease in the Department's Fiscal 2020 headcount is primarily attributed to a reduction of 128 positions for the BIB program. Funding and headcount for the BIB program will be re-estimated in a subsequent plan. Additionally, due to a partial hiring freeze, DEP's headcount reduces by 49 positions. Budgeted headcount is impacted by multiple financial plan actions, including new needs, intra-city agreements, functional transfers, and technical adjustments that eliminate vacant budgeted positions while maintaining funding levels.

New in the Executive Budget

The following are the major financial plan actions in the Fiscal 2020 Executive Plan. See Appendix 1, on page 9, for additional Department new needs, other adjustments and savings.

New Needs

- **Sewer and Water Main Emergency Repair.** The Fiscal 2020 Executive Plan includes \$15.5 million in Fiscal 2020 and in the outyears for the emergency reconstruction of sewer and water main infrastructure citywide. Work includes sidewalk restoration around fire hydrants and catch basins, sewer cleaning, and the installation and rehabilitation of collapsed catch basins.
- **Filtration Avoidance Determination (FAD).** The Fiscal 2020 Executive Plan includes \$5.3 million in Fiscal 2020 to ensure water entering the upstate watersheds is clean. To achieve that, the FAD program focuses on forestry, land management, flood hazard mitigation, storm water, and stream management. Additionally, DEP intends to evaluate potential design enhancements to treat water in the Catskill and Delaware systems.
- **Biosolid Transportation and Disposal.** The Fiscal 2020 Executive Plan includes \$4.5 million in Fiscal 2020, growing to \$5.2 million in Fiscal 2023, as a result of increased costs to dispose of biosolid waste at landfills.
- **Green Infrastructure Retrofit Incentive Program (Non-City Property).** The Fiscal 2020 Executive Plan includes \$3.75 million in Fiscal 2020, growing to \$15.9 million in Fiscal 2023 to establish a green infrastructure retrofit incentive program. Since a large portion of the impervious area (greater than 50 percent) in the City is privately held, this will enable DEP to reduce the burden on wastewater catchment systems and further reduce combined sewer overflow citywide.
- **Municipal Separate Storm Water Sewer System Plan.** The Fiscal 2020 Executive Plan includes \$2.5 million in Fiscal 2020 and \$857,938 in Fiscal 2021 to develop a plan to manage storm water discharges into and from the City's separate storm sewers.
- **Catskill Aqueduct De-chlorination Facility.** The Fiscal 2020 Executive Plan includes \$1.9 million in Fiscal 2020, growing to \$5.2 million in Fiscal 2023 to ensure water entering the Kensico Reservoir is de-chlorinated.
- **Fire System Maintenance.** The Fiscal 2020 Executive Plan includes \$1.6 million in Fiscal 2020, growing to \$3.2 million in Fiscal 2023 for repair and maintenance of fire alarm and suppression systems at 14 wastewater treatment plants.
- **Payment to the Department of Housing Preservation and Development (HPD).** The Fiscal 2020 Executive Plan includes \$1.58 million in Fiscal 2020 for property management and relocation benefits for two properties located at 242 Nevins Street and 244 Butler Street in Brooklyn per a memorandum of understanding between DEP and HPD. Both sites are located at Gowanus and need to be relocated, as DEP is implementing combined sewer overflow reduction measures.
- **Croton System Improvements.** The Fiscal 2020 Executive Plan includes \$1.5 million in Fiscal 2020, growing to \$5.3 million in Fiscal 2023 to enhance treatment of drinking water

from the Croton System. Chlorine dioxide is being added further upstream at the Croton Lake Gatehouse to improve the quality.

- **Alternative Studies for the Mandated Hillview Reservoir Cover.** The Fiscal 2020 Executive Plan includes \$1.3 million in Fiscal 2020 to assess/develop alternatives to cover the Hillview reservoir.
- **Dam Safety Engineering Assessment.** The Fiscal 2020 Executive Plan includes \$1.3 million in Fiscal 2020 to procure a consultant to assess dam safety in the upstate region. The assessments will include underwater inspections, geotechnical inspections, inundation area field reconnaissance, and other activities necessary to complete the full engineering assessment.
- **Cleaning of Combined Sewer Overflow Facilities.** The Fiscal 2020 Executive Plan includes \$500,000 in Fiscal 2020, growing to \$1.5 million in Fiscal 2022 to clean various combined sewer overflow tanks citywide.

Citywide Savings Program

- **Croton Wastewater Treatment Hiring Delays.** The Department includes a re-estimate of \$4.6 million in Fiscal 2019 as DEP realigned its forecast for personnel spending.
- **Filtration Plant Maintenance Surplus.** DEP includes a re-estimate of \$2.8 million in Fiscal 2020 and in the outyears for maintenance and repair contracts.
- **Chemical Savings.** The Department includes a re-estimate of \$2.5 million in Fiscal 2020 and in the outyears as DEP is able to use less Glycerol to treat wastewater, while still maintaining water quality standards. This the only proposal for DEP proposed by the Council in the Fiscal 2020 Preliminary Budget Response that was included in the Fiscal 2020 Executive Budget.
- **In-House Green Infrastructure.** The Department includes a savings of \$67,000 in Fiscal 2020 and \$135,000 in the outyears as DEP plans to grow green infrastructure plants in-house rather than procure from commercial nurseries.

Capital Program

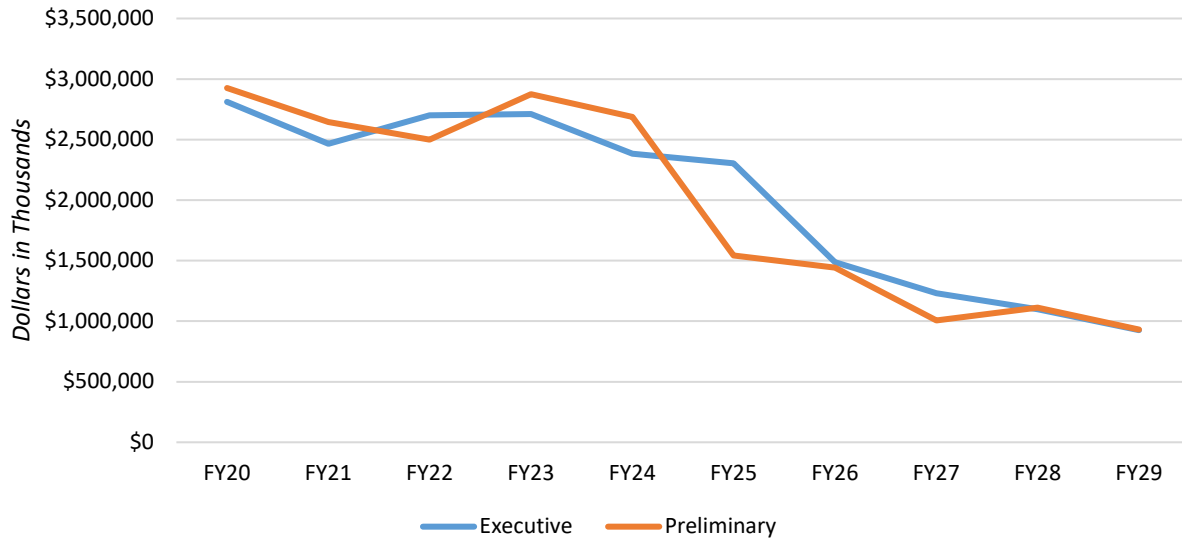
Ten-Year Capital Strategy Fiscal 2020-2029

On April 25, 2019, the Administration released the Ten-Year Capital Strategy for Fiscal 2020-2029 (the Ten-Year Strategy), the Executive Capital Commitment Plan for Fiscal 2019-2023 (the Commitment Plan) and the Fiscal 2020 Executive Capital Budget (the Capital Budget).

The City's Ten-Year Strategy totals \$116.9 billion, which is \$21.2 billion larger than the \$95.8 billion Fiscal 2018-2027 Ten-Year Strategy. DEP's Ten-Year Capital Strategy totals \$20.1 billion, or 17.2 percent of the City's total Strategy. DEP's Ten-Year Strategy is broken down into five categories, including equipment, sewers, water mains, water pollution control and water supply.

As outlined in the Council's Fiscal 2020 Preliminary Budget Response, the Fiscal 2020-2029 Preliminary Ten-Year Capital Strategy was not true to its name and many of the Ten-Year Strategy categories have a dramatic decline in planned spending, or no spending, in the second half of the plan. The Ten-Year Capital Strategy still fails to address planning in the outyear for many city agencies.

Figure 1: FY20-29 Executive Ten-Year Capital Strategy by Year



On average, DEP projects \$2.5 billion per fiscal year in the Ten-Year Strategy from Fiscal 2020 to Fiscal 2025. Beyond Fiscal 2026, DEP projects \$1.2 billion per fiscal year. This is a considerable decline in planned spending. During the Fiscal 2020 Preliminary Budget Hearing, DEP attributed the reduction in the outyears to more work being completed in the first four years of the plan. Furthermore, DEP stated they assigned a new Chief Engineer to capital projects to ensure a more accurate Strategy moving forward.

The Ten-Year Strategy should demonstrate comprehensive infrastructure planning. With DEP’s expansive capital portfolio, which impacts all neighborhoods and New Yorkers, the Strategy should be more forward-looking and reflect all potential project spending whether for in-City or upstate New York projects. By doing so - this allows for greater transparency surrounding long-term capital costs - and how they may potentially impact future water rates.

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

Water Pollution Control. The Ten-Year Strategy includes \$8.3 billion for wastewater treatment program, 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 Strategy includes \$4.4 billion for the protection and upkeep of the City’s source water supply and distribution systems.

Sewers. The Ten-Year Strategy includes \$4.4 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.

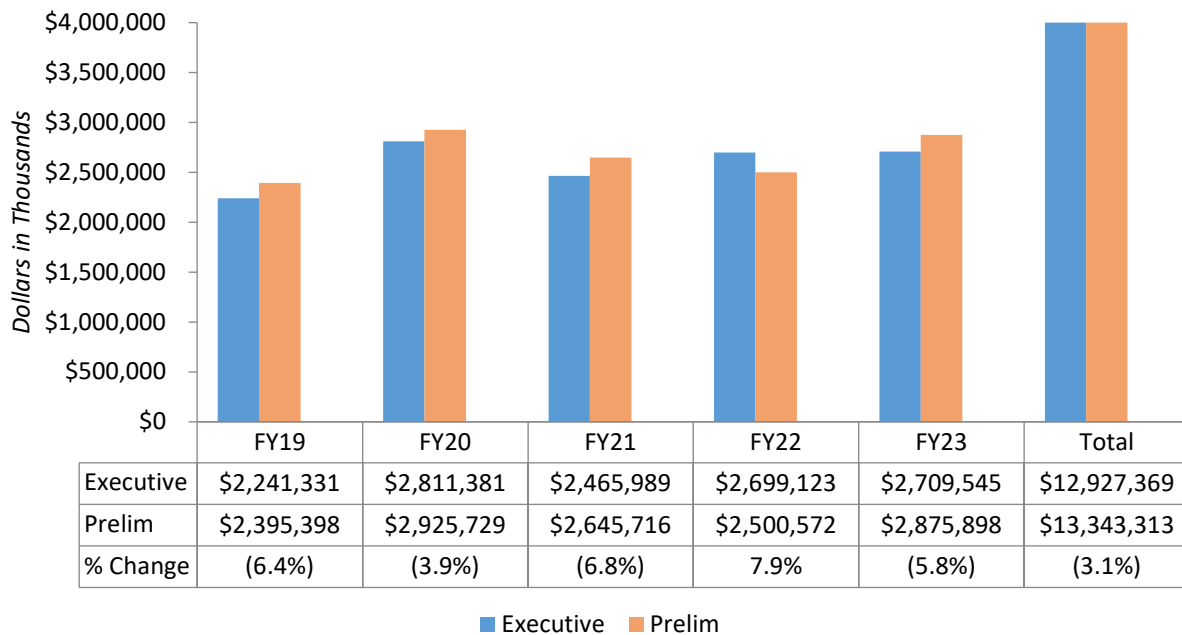
Water Supply. The Ten-Year strategy includes \$2.3 billion for construction of the Kensico-Eastview Connection Tunnel, the completion of work on Stage 2 of City Water Tunnel No. 3, and the modification of chambers at the Hillview Reservoir.

Equipment. The Ten-Year strategy includes \$661.4 million for water meter installation and automatic reading system, facility purchases, payments for gas utility line relocation and vehicle purchases.

Fiscal 2020 Executive Capital Commitment Plan for Fiscal 2019-2023

DEP’s Fiscal 2020 Executive Capital Budget includes \$12.92 billion in Fiscal 2019-2023, with \$2.8 billion in Fiscal 2020.¹ This represents 15 percent of the City’s total \$86.2 billion Capital Budget for 2019-2023. Available appropriations for Fiscal 2019 total \$2.24 billion. This includes \$4.4 billion in reauthorized prior appropriations and \$4.6 billion in authorized appropriations. The Executive Capital Budget does not include any additional changes that will be made prior to Adoption, which will increase the City’s overall capital budget.

Figure 2: FY19-23 Executive Capital Commitment Plan



Fiscal 2020 Executive Capital Commitment Plan Highlights

Major capital projects included in the Executive Capital Plan for Fiscal 2019-2013 are outlined below.

Gowanus Retention Tank. The Executive Capital Commitment Plan includes \$642.1 million for the construction of the Gowanus combined sewer overflow retention tank. Since New York City’s sewer system is combined for wastewater and sewer water - the tank will hold overflow from storm events to prevent wastewater from entering our waterways.

Water Tunnel No. 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. The Executive Capital Commitment Plan includes a total of \$628.9 million for the completion for the completion of the Brooklyn/ Queens leg of City Tunnel No. 3.

¹ The Capital Budget provides the required appropriations for Fiscal 2020 and planned appropriations for the subsequent three-year capital program. Appropriations represent the legal authority to spend capital dollars and are what the Council votes on at budget adoption.

Hunts Point Wastewater Treatment Plant. The Executive Capital Commitment Plan includes \$393 million for the construction of the four anaerobic digesters; a new digester control building; and four new gas burners.

DEP Facility Resiliency. The Executive Capital Commitment Plan includes \$223.3 million for flood water resiliency construction a various DEP facilities.

Ashokan Reservoir. The Executive Capital Commitment Plan includes \$215.7 million for rehabilitation of the dam, dikes, chambers, and various other facilities at the Ashokan Reservoir, which have provided clean drinking water to all of New York City for exactly 100 years.

Hurricane Sandy Facility Rehabilitation. The Executive Capital Commitment Plan includes \$203.6 million for reconstruction of various wastewater treatment plant pumping stations that were impacted by Hurricane Sandy in 2012.

Appendix 1: Fiscal 2020 Budget Actions since Fiscal 2019 Adoption

<i>Dollars in Thousands</i>	FY 2019			FY 2020		
	City	Non-City	Total	City	Non-City	Total
DEP Budget as of the Fiscal 2019 Adopted Budget	\$1,227,937	\$159,920	\$1,387,858	\$1,227,546	\$67,878	\$1,295,424
Other Adjustments - Prelim. 2020						
Biowatch	\$0	\$402	\$402	\$0	\$0	\$0
Brookfield Park	0	120	120	0	0	0
Brownfield 14 Patrol	0	61	61	0	0	0
Brownfield 16 Patrol	0	35	35	0	0	0
Brownfield RLF Grant	0	35	35	0	0	0
CYOC DEP Payment	0	4,000	4,000	0	0	0
DC 37 Collective Bargaining City	10	0	10	16	0	16
DC 37 Collective Bargaining CD	0	274	274	0	470	470
DC 37 Collective Bargaining IFA Funds	0	1,357	1,357	0	2,325	2,325
DC 37 Collective Bargaining Tax Levy Funds	441	0	441	755	0	755
DC 37 Collective Bargaining Utility Funds	5,411	0	5,411	9,272	0	9,272
Citywide Stormwater	0	1,624	1,624	0	0	0
Disaster Recovery	0	6,752	6,752	0	0	0
Energy Smart Competition	0	50	50	0	0	0
ExCel Projects	0	353	353	0	0	0
Fiscal 2019 Adjustment	0	12,486	12,486	0	0	0
Housing Recovery Operations - Payments	0	3,008	3,008	0	0	0
Hydroelectric Property Tax Savings	(78)	0	(78)	(50)	0	(50)
Long Island Sound	0	1,400	1,400	0	0	0
NYSERDA1	0	125	125	0	0	0
NYSERDA2	0	992	992	0	0	0
NYSERDA Lab	0	10	10	0	0	0
Oysters	0	281	281	0	0	0
Retrofit Roll from Fiscal 2018	0	1,041	1,041	0	0	0
Sandy Work	0	1,022	1,022	0	1,176	1,176
Vacancy Reductions	0	0	0	(868)	0	(868)
Work well Funding	0	20	20	0	0	0
Minimum Wage Adjustment	4	0	4	8	0	8
Biowatch Program 2	0	1,601	1,601	0	0	0
Brookfield Park Intra City Mod	0	46	46	0	0	0
Collective Bargaining Accretions for DC 37	19	0	19	32	0	32
Collective Bargaining Community Development Block Grant	0	77	77	0	132	132
Collective Bargaining Managerial Staff	0	587	587	0	1,005	1,005
Collective Bargaining Tax Levy	51	0	51	88	0	88
Collective Bargaining Utility	1,188	0	1,188	2,034	0	2,034
Collective Bargaining Plumbers	95	0	95	82	0	82
Transfer to Department of Health	(7)	0	(7)	(13)	0	(13)
Contract Savings for Highway Catch Basin Cleaning	(400)	0	(400)	(799)	0	(799)
Demand Response	0	301	301	0	0	0
DEP - EDC OneNYC Transfer	(1,242)	0	(1,242)	0	0	0
Energy Benchmarking Help Center	0	0	0	220	0	220
ExCel Projects 2	0	598	598	0	0	0
Housing Recovery Operations - Single Family Funding	0	17,000	17,000	0	0	0
Hurricane Sandy Water Meters	0	1,298	1,298	0	0	0
Local 300 Collective Bargaining	0	22	22	0	47	47

<i>Dollars in Thousands</i>	FY 2019			FY 2020		
	City	Non-City	Total	City	Non-City	Total
Local 300 Collective Bargaining - Utility	72	0	72	152	0	152
Long Island Sound	0	798	798	0	0	0
Minimum Wage Adjustment - Community Block Development Grant	0	8	8	0	2	2
Minimum Wage Inter-fund Agreement	0	3	3	0	5	5
Minimum Wage - Unionized	10	0	10	19	0	19
Minimum Wage - Utility	10	0	10	21	0	21
Managers Collective Bargaining	\$4	\$0	\$4	\$6	\$0	\$6
Personal Services Surplus	(569)	0	(569)	0	0	0
Sewage Treatment Workers Collective Bargaining	8,475	0	8,475	0	0	0
State Grant - Lead Service Line	0	0	0	0	5,161	5,161
Transfer GreenNYC	150	0	150	0	0	0
TOTAL, All Changes Prelim. 2020	\$13,644	\$57,787	\$71,431	\$10,975	\$10,323	\$21,298
DEP Budget as of the Fiscal 2020 Preliminary Plan	\$1,241,581	\$217,707	\$1,459,277	\$1,238,512	\$78,201	\$1,316,713
New Needs - Exec. 2020						
Alternative Studies for the EPA Mandated Hillview Reservoir Center	\$0	\$0	\$0	\$1,323	\$0	\$1,323
Biosolids Transportation and Disposal	3,818	0	3,818	4,520	0	4,520
Catskill Aqueduct De-chlorination Facility	0	0	0	1,887	0	1,887
Cleaning of Combined Sewer Overflow Facilities	0	0	0	500	0	500
Data Center Relocation	200	0	200	696	0	696
Engineering Support for Consent Order Compliance	0	0	0	580	0	580
Filtration Avoidance Determination Requirements	(430)	0	(430)	5,318	0	5,318
Fire System Maintenance	0	0	0	1,608	0	1,608
Green Infrastructure Retrofit Incentive Program	0	0	0	3,750	0	3,750
Inter-fund Agreement Surplus	0	(2,500)	(2,500)	0	0	0
Croton System Improvements	0	0	0	1,508	0	1,508
MS4 Permit Stormwater Management Plan	0	0	0	2,509	0	2,509
Payment to HPD for Relocation and Property Mgmt. Serv.	0	0	0	1,588	0	1,588
Sewer and Water Main Emergency Repair	9,314	0	9,314	15,483	0	15,483
State Mandated Dam Safety Engineering Assessments	0	0	0	1,301	0	1,301
Subtotal, New Needs	\$12,902	(\$2,500)	\$10,402	\$42,571	\$0	\$42,571
Other Adjustments - Exec. 2020						
Agency Phone Plan Review	\$0	\$0	\$0	(\$188)	\$0	(\$188)
Aqueduct Leak Assessments Realignment	(515)	0	(515)	129	0	129
Brookfield Park Intra City Mod	0	23	23	0	0	0
Brownfield Grants	0	53	53	0	0	0
CB for DC37 L924 Laborers	17	0	17	0	0	0
Collective Bargaining Carpenters	14	0	14	0	0	0
Collective Bargaining Adjustment - Local 622	2,454	0	2,454	4,475	0	4,475
Commuting Vehicles	0	0	0	(488)	0	(488)
Contract Delays - New Billing System	(1,010)	0	(1,010)	0	0	0
DC37 Construction Laborers	1,135	0	1,135	2,053	0	2,053
DC37 Laborers and City Laborers	2	0	2	3	0	3

<i>Dollars in Thousands</i>	FY 2019			FY 2020		
	City	Non-City	Total	City	Non-City	Total
Fleet Size	0	0	0	(960)	0	(960)
FY19 Internship Program	0	18	0	0	0	0
Heat, Light, and Power	1,304	0	1,304	756	0	756
Heating Fuel Adjustment	(2,642)	0	(2,642)	(210)	0	(210)
Inter-fund Agreement Funding Retro	0	799	799	0	0	0
Lease Adjustment	0	0	0	688	(469)	219
Lease Auditing	(166)	0	(166)	0	0	0
Motro Fuel	56	0	56	0	0	0
Oakwood Beach Habitat	0	300	300	0	0	0
Rollover Filtration Avoidance Determination	(9,430)	0	(9,430)	7,673	0	7,673
Rollover Catskill Aqueduct Treatment Facility	(1,584)	0	(1,584)	(2,638)	0	(2,638)
Rollover Delaware Aqueduct Shutdown Management Plan	(448)	0	(448)	448	0	448
Rollover Water Supply Contracts	(535)	0	(535)	535	0	535
Rollover - Delays - Upstate Communities	(178)	0	(178)	178	0	178
Rollover - Vehicles Delivery Dates	(940)	0	(940)	940	0	940
Rollover Demand Management Plan	(1,200)	0	(1,200)	1,200	0	1,200
Rollover Delays for DEP's Energy Plan	(1,000)	0	(1,000)	1,000	0	1,000
Local 621 - Supervisor of Mechanics	90	0	90	130	0	130
Skilled Trades Overtime	0	0	0	(810)	0	(810)
Vehicle Right-Sizing	0	0	0	(67)	0	(67)
Subtotal, Other Adjustments	(\$14,576)	\$1,193	(\$13,401)	\$14,847	(\$469)	\$14,378
Savings - Exec. 2020						
Chemical Savings	\$0	\$0	\$0	(\$2,500)	\$0	(\$2,500)
Contract Surplus	(2,800)	0	(2,800)	0	0	0
Contract Underspending (Tax Levy)	(6,658)	0	(6,658)	0	0	0
Grow Plants for Green Infrastructure Maintenance In-House	0	0	0	(67)	0	(67)
Hiring Delays (Tax Delay)	(769)	0	(769)	0	0	0
Hiring Freeze Savings	(3)	0	(3)	(44)	0	(44)
Landfill Maintenance Surplus (Tax Levy)	(200)	0	(200)	0	0	0
System Maintenance Surplus	(522)	0	(522)	0	0	0
Surplus Croton Filtration Plant Maintenance Contracts	0	0	0	(2,846)	0	(2,846)
Surplus Funding for Filtration Avoidance Determination Contracts	0	0	0	(812)	0	(812)
Surplus Funding for Reimbursement Program	0	0	0	(250)	0	(250)
Wastewater Treatment Hiring Delay	(4,588)	0	(4,588)	(1,100)	0	(1,100)
Water Efficient Fixture Replacement at Public Hospitals	(2,147)	0	(2,147)	0	0	0
Subtotal, Savings	(\$17,687)	\$0	(\$17,687)	(\$7,619)	\$0	(\$7,619)
TOTAL, All Changes Exec. 2020	(\$19,361)	(\$1,307)	(\$20,668)	\$49,799	(\$469)	\$49,330
DEP Budget as of the Fiscal 2020 Executive Plan	\$1,222,213	\$216,392	\$1,438,605	\$1,288,405	\$77,732	\$1,366,136