

THE COUNCIL OF THE CITY OF NEW YORK

Hon. Corey Johnson
Speaker of the Council

Hon. Costa Constantinides
Chair, Committee on Environmental Protection



Report of the Finance Division on the
Fiscal 2021 Preliminary Plan and the
Fiscal 2020 Preliminary Mayor's Management Report for the
Department of Environmental Protection

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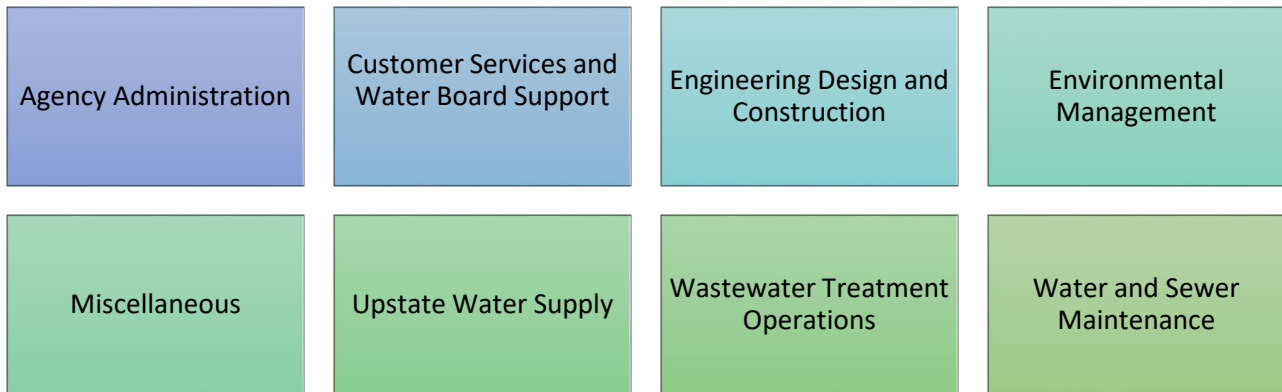
Department of Environmental Protection

The New York City Department of Environmental Protection (DEP or the Department) protects public health and the environment by supplying clean drinking water, collecting and treating wastewater, and reducing air, noise, and hazardous materials pollution.

DEP’s activities include:

- Distributing more than one billion gallons of clean drinking water each day;
- Treating 1.3 billion gallons of wastewater each day; and
- Regulating air quality, hazardous waste, and critical quality of life issues, including noise.

Program Areas

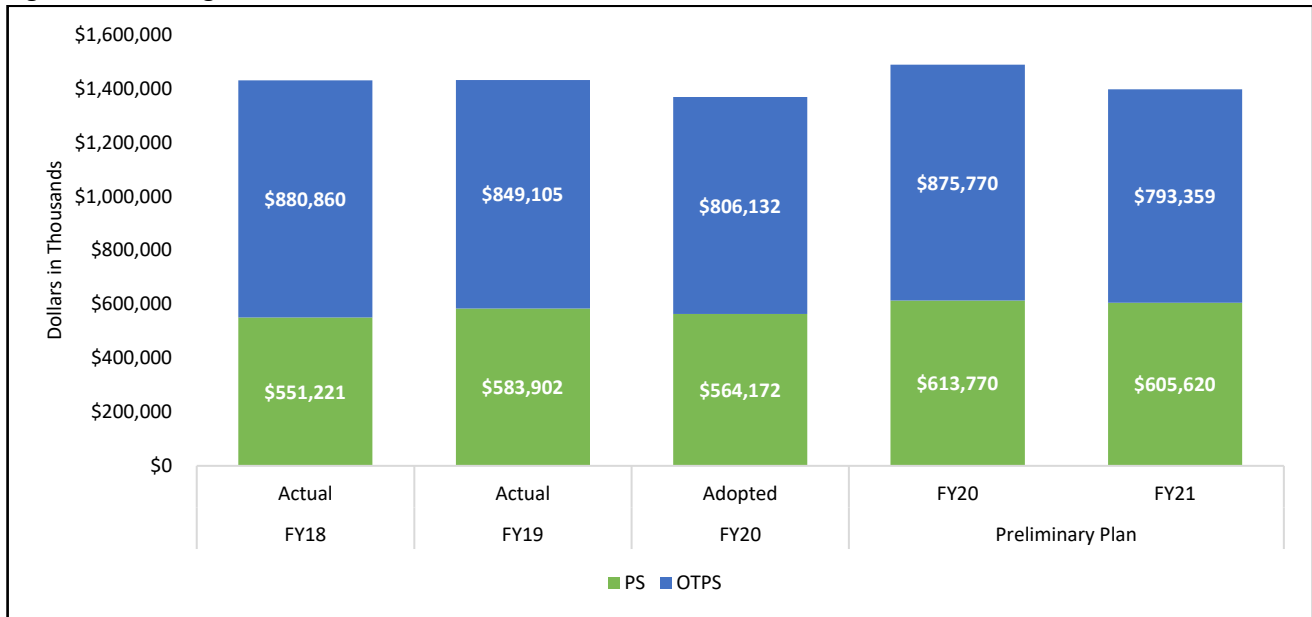


Fiscal 2021 Preliminary Budget Highlights

The Department of Environmental Protection’s Fiscal 2021 Preliminary Budget totals \$1.39 billion (including City and non-City funds). DEP’s Fiscal 2021 Preliminary Budget is \$29 million, or two percent more than the Fiscal 2020 Adopted Budget of \$1.37 billion. The Department’s budget is divided into eight program areas, which reflect the agency’s major functions and operations.

For Fiscal 2021, DEP’s personal services (PS) budget totals \$605.6 million, or 43.3 percent of the total budget, and the Department’s other than personal services (OTPS) budget totals \$793.3 million, or 56.7 percent of the total budget. PS includes all full-time and part-time positions as well as overtime. OTPS includes property, equipment, supplies, and services contracted out to private corporations. Since the Fiscal 2020 Adopted Budget, PS spending increased by \$41.4 million or seven percent, while OTPS decreased by \$12.8 million or roughly two percent.

Figure 1: DEP Budget Overview



The key actions included in DEP’s Fiscal 2021 Preliminary Plan are as follows: \$39.1 million in new needs, and \$1.6 million in other adjustments. All of the changes introduced in the Preliminary Plan are listed in Appendix A, as are the changes included in the November 2019 Plan.

Major changes introduced in the Preliminary Plan include the following actions.

New Needs

- **Overtime and Differential Pay.** The Fiscal 2021 Preliminary Plan includes \$25 million in Fiscal 2020 and \$35 million in Fiscal 2021 as DEP realigned its spending forecast for overtime and differential pay.
- **Build It Back Single Family Housing Recovery.** The Fiscal 2021 Preliminary Plan includes \$16.8 million in Fiscal 2020 for costs related to the closeout of the City’s Build It Back Single Family program. In total, 12,500 families were helped through Build It Back.
- **Security and Cleaning Services – Water Tunnel No. 3, Shaft 17B.** The Fiscal 2021 Preliminary Plan includes \$293,000 in Fiscal 2020 and \$350,000 in Fiscal 2021 for security and cleaning services at the construction site of Shaft 17B, Water Tunnel No. 3 in Queens.
- **Sewage Treatment Workers Payment.** The Fiscal 2021 Preliminary Plan includes \$9.9 million in Fiscal 2020 attributed to collective bargaining costs for sewer treatment workers.

Re-estimates

- **Catch Basin Cleaning Contract Underspending.** The Department includes a re-estimate of \$280,000 in Fiscal 2020 and \$138,000 in Fiscal 2021 as DEP realigned its spending forecast for highway catch basin cleaning contractual services.
- **Hydroelectric Program and Property Tax Savings.** The Department includes a re-estimate of \$46,000 in Fiscal 2020 and 2021 as DEP realigned its spending forecast to run its hydroelectric program in upstate New York.

- **Right to Know Revenue Enhancement.** The Department includes a re-estimate of \$100,000 in Fiscal 2020 and 2021 as DEP anticipates increased revenue from the Superfund Amendment and Reauthorization Act (SARA) filing fees under the Right to Know law.

Financial Plan Summary

Table 1: Department of Environmental Protection Financial Plan Summary

<i>Dollars in Thousands</i>	FY18	FY19	FY20	Preliminary Plan		*Difference
	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services	\$551,221	\$583,902	\$564,172	\$613,770	\$605,620	\$41,448
Other Than Personal Services	880,860	849,105	806,132	875,770	793,359	(12,773)
TOTAL	\$1,432,081	\$1,433,007	\$1,370,304	\$1,489,539	\$1,398,979	\$28,675
Budget by Program Area						
Agency Administration & Support	\$111,127	\$113,430	\$106,248	\$116,982	\$108,116	\$1,867
Customer Services & Water Board Support	47,480	52,286	58,437	77,116	60,460	2,023
Engineering Design and Construction	37,799	40,799	42,387	42,680	42,914	527
Environmental Management	29,917	30,562	22,436	23,413	21,421	(1,014)
Miscellaneous	191,368	132,741	(4,401)	58,293	1,139	5,540
Upstate Water Supply	365,862	368,611	424,423	420,087	424,987	564
Wastewater Treatment Operations	481,114	499,015	497,330	531,957	516,216	18,886
Water & Sewer Maintenance	167,414	195,563	223,444	219,013	223,726	282
SUBTOTAL	\$1,432,081	\$1,433,007	\$1,370,304	\$1,489,539	\$1,398,979	\$28,675
Funding						
City Funds			\$1,292,573	\$1,360,533	\$1,326,948	\$34,376
Other Categorical			0	6,808	0	0
Capital- IFA			70,020	70,020	70,561	541
State			5,161	5,557	0	(5,161)
Federal - Community Development			612	36,922	707	95
Federal - Other			1,329	8,060	153	(1,176)
Intra City			610	1,639	610	0
TOTAL	\$1,432,081	\$1,433,007	\$1,370,304	\$1,489,539	\$1,398,979	\$28,675
Budgeted Headcount						
Full-Time Positions - Civilian	5,832	5,920	6,171	6,176	6,246	75
TOTAL	5,832	5,920	6,171	6,176	6,246	75

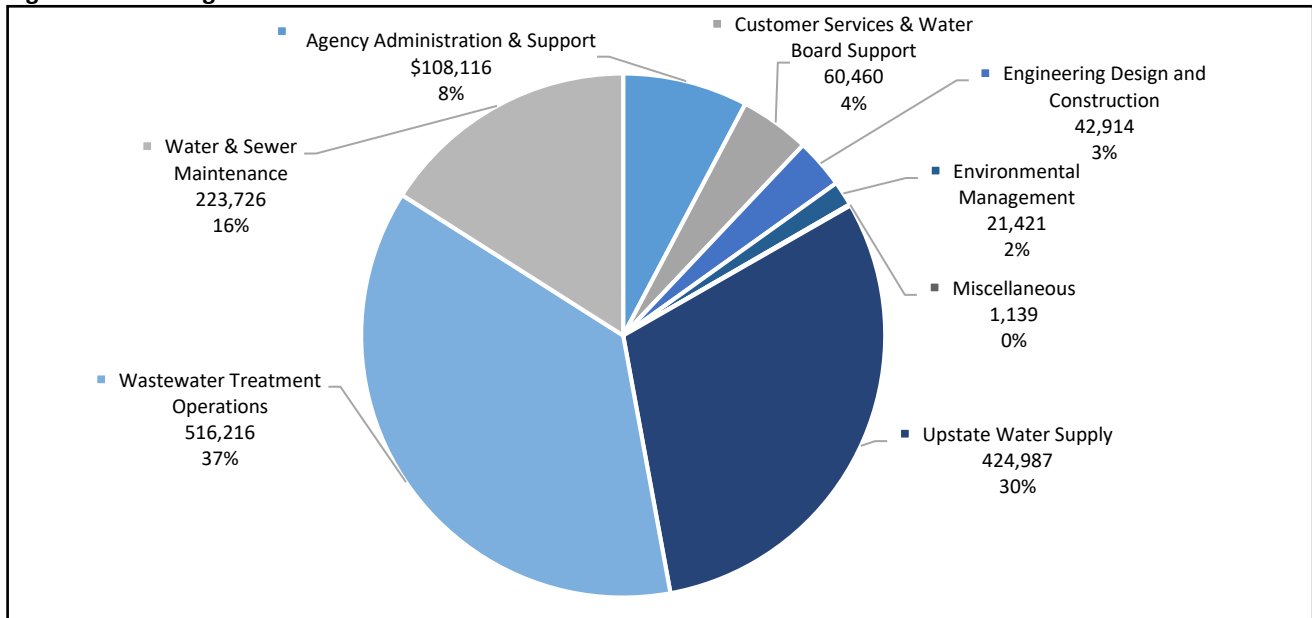
**The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.*

Since the Fiscal 2020 Adopted Budget, the Financial Plans have introduced several changes to DEP's Fiscal 2020 and 2021 Budgets. For Fiscal 2020, this includes \$69.1 million new needs and \$50.2 million in other adjustments, which is almost entirely due to a re-estimate for Housing Recovery Operations – Build It Back (BIB) funding, as well as various re-estimates. For Fiscal 2021, changes include \$39.1 million in new needs and \$1.6 million in other adjustments, of which \$1.1 million is for a re-estimate of agency telecommunication systems. The above actions reconcile the DEP to its current budget of \$1.49 billion for Fiscal 2020 and \$1.39 billion for Fiscal 2021. See Appendix A, on page 28 for a complete breakdown of all actions.

The year-over-year comparison reflects increased Fiscal 2021 funding, primarily due to an increase of \$18.8 million for wastewater treatment operational overtime, \$6.6 million for consultancy fees

related to the design of the upstate Filtration Avoidance Determination (FAD) system, and \$5.3 million for green infrastructure maintenance.

Figure 2: DEP Budget Overview



Generally, agency program areas can provide insight into which programs are priorities, as well as how the budget affects program outcomes. As illustrated in the chart above, DEP’s functions can be broken down into eight descriptive program areas. These programs are funded with a combination of City tax-levy funds and other sources. For Fiscal 2021, three of DEP’s programs areas – Wastewater Treatment Operations (37 percent), Upstate Water Supply (30 percent), and Water & Sewer Maintenance (16 percent) – comprise over 83 percent of the agency’s funding.

State Budgetary Proposals

The Fiscal 2021 Executive State Budget introduced the following budgetary proposals.

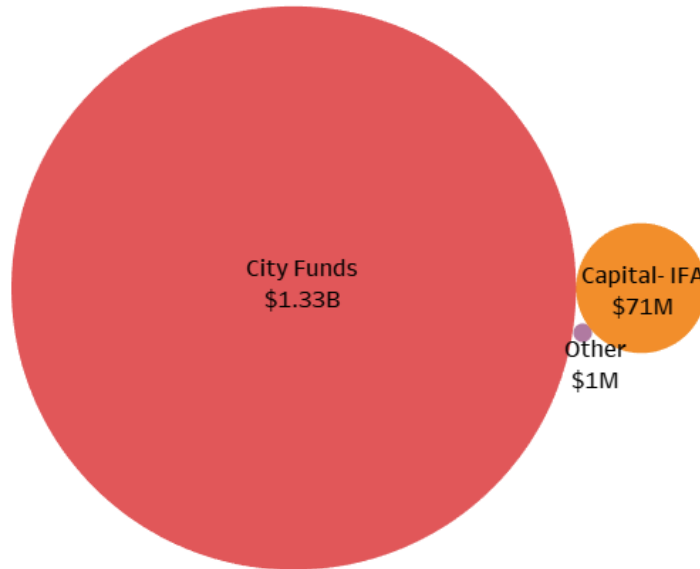
- **Restore Mother Nature.** This proposal would include \$3.74 billion for the restoration and preservation of Statewide wetlands and open space, as well as infrastructure resiliency and storm water management. Currently, the locations as to where funding would be earmarked have not yet to be determined.
- **Green Energy.** This proposal would include \$28 million to bring New York State on a path toward achieving 70 percent of its electricity from renewable energy by 2030 and zero greenhouse gas emissions from electricity production by 2040. Currently, the locations where funding would be earmarked have not been specified.
- **Carbon Free Transportation.** This proposal would include \$1.5 billion to reduce carbon emissions throughout the State by procuring electric vehicles for government use and expanding charging station accessibility along key corridors. This proposal aligns with the City’s goal of reducing greenhouse gas emissions 80 percent by 2050, as well as expanding accessibility to green technologies. The impact of these investments on New York City has yet to be determined.
- **Green Economy Tax Credit.** This proposal creates a refundable, discretionary Green Jobs Tax Credit for each net new job created that has a green economy focus, as well as a tax credit for

new capital investments in connection with qualifying green economy projects. The impact of these credits on New York City has yet to be determined.

Funding Sources

The Department’s Fiscal 2021 Budget as of the Fiscal 2021 Preliminary Plan is \$1.39 billion. Of the \$1.39 billion, \$1.33 billion, or 94.8 percent, is funded by City tax-levy. The remaining \$72 million, or five percent, is divided up across capital inter-fund agreements (IFA), federal funds and intra-city funding.

Figure 3: DEP Funding Sources



Approximately \$70.6 million or five percent, of the Department’s funding comes from capital inter-fund agreements (IFA); these amounts are transferred from the capital budget to DEP’s expense budget for costs related to capital planning and design work performed by agency staff. DEP receives \$860,000 in federal funding related to Build It Back, as well as \$610,000 from the New York City Police Department for leasing space at the agency’s headquarters in Queens, which accounts for the bulk of the other category.

Contract Budget

The New York City Charter mandates the preparation of a Contract Budget to identify expenditures for contractual services, which are defined as any technical, consultant or personnel service provided to the City by means of a contract. The Contract Budget is actually a subset of the OTPS portion of the City’s Expense Budget. The Administration prepares a Contract Budget twice each fiscal year. The Fiscal 2021 Preliminary Contract Budget totals \$17 billion for procurement expenditures across all agencies for over 17,973 contracts.

Table 2: DEP's Contract Budget

Category (Dollars in Thousands)	FY20 Adopted	Number of Contracts	FY21 Preliminary	Number of Contracts
Contractual Services General	\$163,017	39	\$166,595	39
Telecommunications Maintenance	1,739	8	1,263	8
Maintenance and Repair General	53,561	139	46,376	139
Maintenance and Repair Vehicle Equipment	663	25	663	25
Office Equipment Maintenance	453	13	453	13
Data Processing Equipment	13,887	14	15,397	14
Printing Contracts	429	9	429	9
Community Consultant Contracts	14	2	14	2
Security Services	10,209	2	10,209	2
Temporary Services	19	6	19	6
Cleaning Services	849	18	959	18
Economic Development	5	1	5	1
Training Program City Employees	1,494	41	1,539	41
Maintenance and Operations of Infrastructure	4,149	39	5,650	39
Professional Services Engineer and Architect	22	1	22	1
Professional Services Computer Services	4,913	5	4,913	5
Professional Services Other	3,733	17	3,521	17
TOTAL	\$259,152	379	\$258,024	379

DEP's Contract Budget for Fiscal 2021 is approximately \$258 million, or \$1.1 million less than Fiscal 2020. The decrease is primarily due a reduction in one-time funding in Fiscal 2020 that does not carry into Fiscal 2021 for maintenance and repair of the Owls Head Wastewater Treatment Plant dock in Brooklyn. The dock and mechanical system was fully repaired in Fiscal 2020.

Miscellaneous Revenue

DEP plans to collect approximately \$25.1 million from miscellaneous revenue sources in Fiscal 2021. This includes \$16.1 million from the issuance of asbestos and air quality permits, combined with the collection of Superfund Amendments and Reauthorization Act of 1986 (SARA) fees, as well as \$1.6 million in revenue from upstate resources such as hydroelectric energy plants and easements. DEP's revenue budget for Fiscal 2021 is \$440,000 or nearly two percent less than Fiscal 2020, which is due to a decrease of \$800,000 in the issuance of asbestos program permits; slightly offset by an increase of \$260,000 in Environmental Designation Fees and \$100,000 in SARA Fees.

Table 3: DEP's Miscellaneous Revenue Budget Overview

<i>Dollars in Thousands</i>						
Revenue Sources	FY18	FY19	FY20	Preliminary Plan		*Difference FY20-FY21
	Actual	Actual	Adopted	FY20	FY21	
Asbestos Program	\$7,700	\$7,450	\$7,100	\$8,400	\$6,300	(\$800)
Air Quality Permits	5,900	5,900	5,900	5,900	5,900	0
SARA Fees	3,800	3,800	3,800	3,900	3,900	100
Brownfield Enrollment Fee	0	0	0	0	0	0
WS - Hydroelectric Program	6,800	5,942	5,942	0	5,942	0
Environmental Designation Fees	1,260	1,350	689	949	949	260
Bids and Specifications	40	40	40	40	40	0
Upstate Rentals	2,400	1,565	1,565	1,565	1,565	0
Misc. and Sundries	500	500	500	500	500	0
TOTAL	\$28,400	\$26,547	\$25,536	\$21,254	\$25,096	(\$440)

**The difference of Fiscal 2020 Adopted compared to Fiscal 2021 Preliminary Budget.*

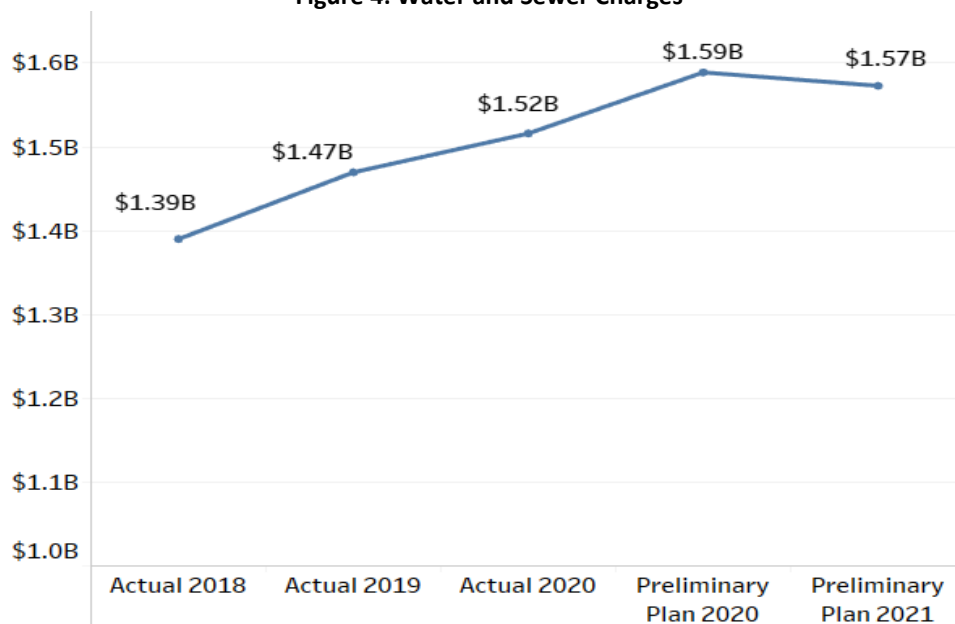
Financing the Water and Sewer System

The Department shares certain aspects of its financial management duties of the system with the NYC Water Board (Water Board) and the NYC Municipal Water Finance Authority (the Authority). This relationship is the result of the NYC Municipal Finance Authority Act of 1984, which made the water and sewer system financially self-sustaining.

The system is funded by revenue collected through water and sewer rates. The Water Board sets rates annually and is responsible for ensuring that the operating and capital needs of the system can be met. The Authority provides funding through the issuance of bonds and other debt instruments to finance the capital projects required to keep the system running. The Authority’s borrowing is backed by water and sewer charges. DEP bills and collects from approximately 835,000 water accounts on behalf of the Water Board. As stated previously, DEP operates and maintains the water and sewer system.

Most of the City’s agency infrastructure is financed by general obligation (GO) bonds, and operating expenses are paid for by the City’s general fund with tax revenues. DEP is different because expenses for the water and sewer system, including the debt service owed on the bonds issued by the Authority, are paid for by user fees according to the rates set by the Water Board.

Figure 4: Water and Sewer Charges



Operations and Maintenance (O&M) Payment

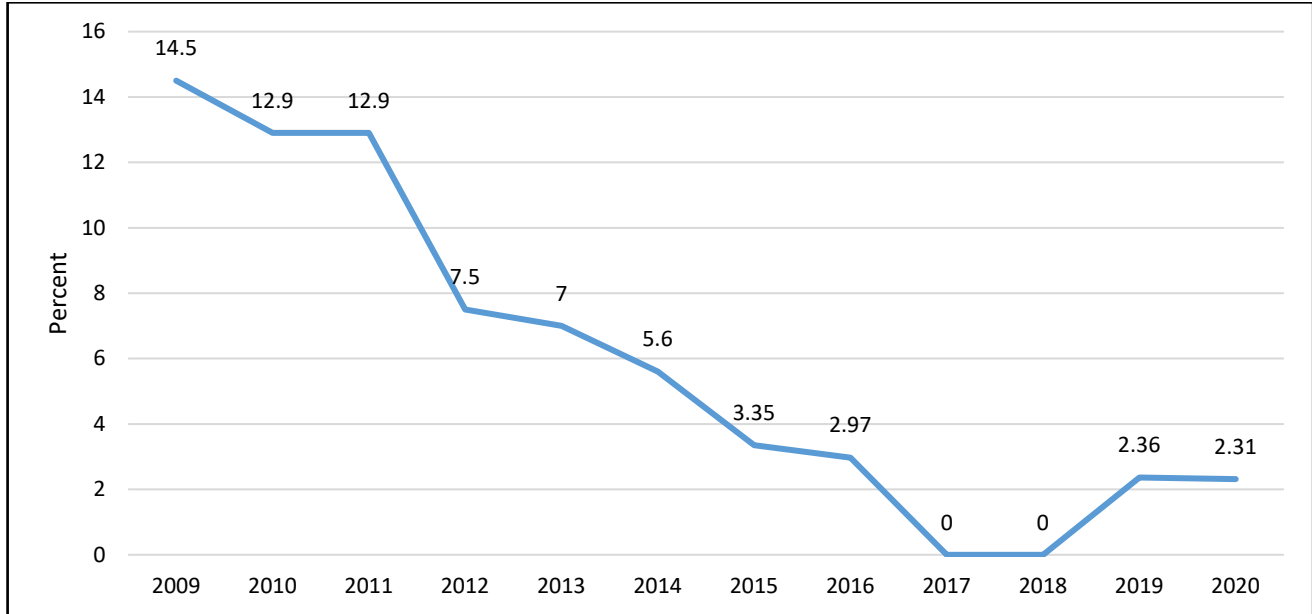
The chart above reflects the Office of Management and Budget’s (OMB) reconciled and planned payments from the Water Board to the City’s general fund. The Operations and Maintenance (O&M) Payment reflects the cost of DEP operating and maintaining the water and sewer system. The Fiscal 2021 Preliminary Plan includes a proposed \$1.57 billion payment to the City in Fiscal 2021.

Costs associated with DEP’s work that is not related to the water and sewer system, such as air and noise monitoring, and hazardous material emergency response, are not funded by Water Board O&M payments, but are paid with City tax-levy funding.

Rental Payment

The Rental Payment was phased out as of the Fiscal 2017 Adopted Budget.

Figure 5: Water Rate and Sewer Rate History – Percent Change



Rate increases satisfy the revenue requirements of the system. Since Fiscal 2011, rate increases have generally been lower than in prior years as the number of federal or State mandates has substantially decreased. Prior to Fiscal 2011, approximately half of DEP’s \$2 billion a year average capital spending was for mandated projects.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
Estimated bills (%)	2.8%	3.0%	2.8%	4.0%	4.0%	3.2%	2.6%
Total revenue collected (\$000,000)	\$3,852	\$3,602	\$3,825	\$3,816	\$3,902	\$1,823	\$1,823
Total Revenue as a percent of target (%)	104.3%	99.8%	101.4%	100.0%	100.0%	100.4%	105.5%
Account receivable – Total Balance (\$000,000)	\$1,633	\$1,709	\$1,741	*	*	\$882	\$914
Billed amount collected in 30 days (%)	60.8%	60.5%	62.0%	*	*	59.8%	61.9%

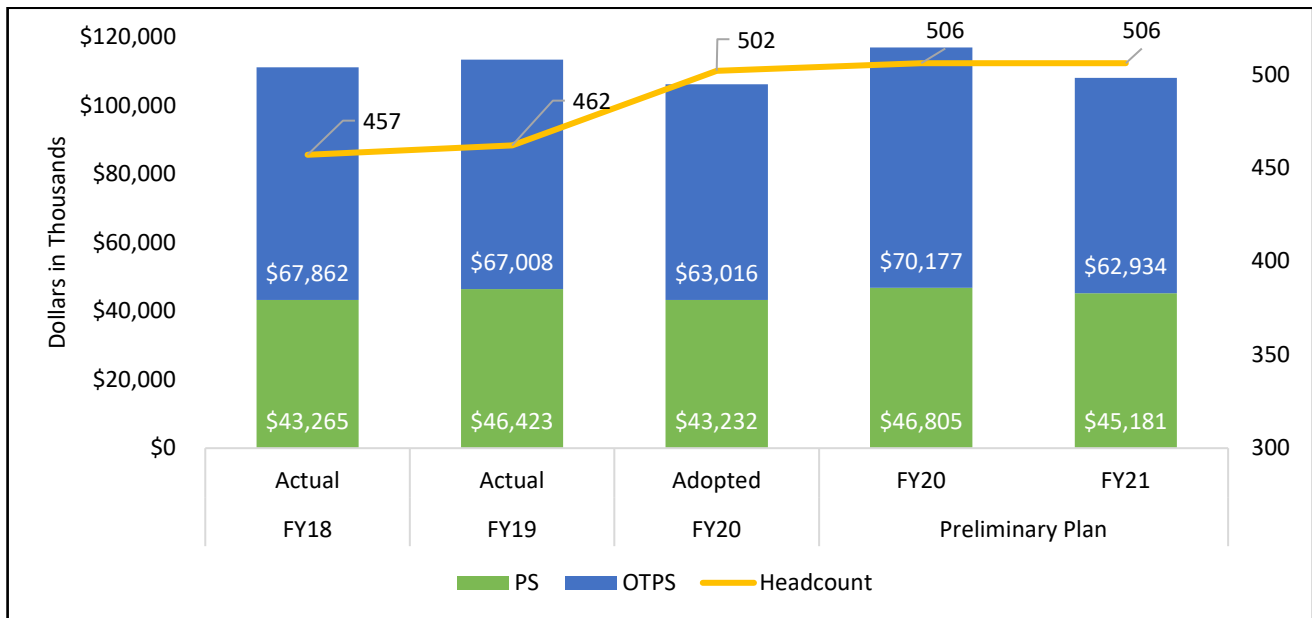
In the first four months of Fiscal 2020, the total revenue collected remained at \$1.82 billion when compared to the same period in Fiscal 2019. According to the Mayor’s Management Report (MMR) Indicator Definitions, the total revenue is the “total amount of money collected by DEP for water and sewer charges.” This number refers to the Water Board’s total operating revenues, including water and sewer user payments, upstate revenues, and miscellaneous revenue. Total revenue as a percent of the target is strong at 105.5 percent in the first quarter of Fiscal 2020.

Accounts receivable increased by \$32 million, or three and a half percent, in the first quarter of Fiscal 2020 when compared to the same period in Fiscal 2019. About 61.9 percent of bills were collected in 30 days or less in Fiscal 2020. This is an increase of two percent when compared to Fiscal 2019.

Program Areas

Agency Administration and Support

Figure 6: Agency Administration and Support Spending



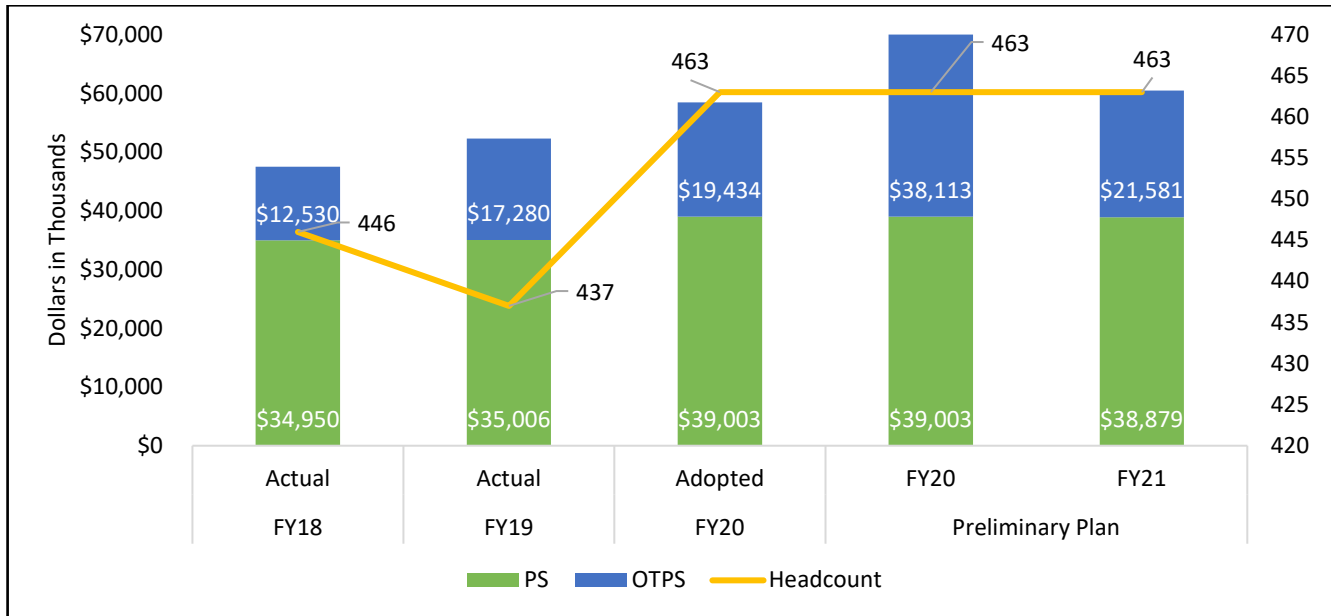
The Department’s Fiscal 2021 Preliminary Budget includes \$108.1 million for Agency Administration and Support. The Fiscal 2021 Preliminary Budget for this area is \$1.87 million, or one and a half percent more than the Fiscal 2020 Adopted Budget of \$106.2 million. The majority of this reduction is reflected in the following changes:

- A \$1.2 million increase for civilian overtime costs;
- A \$757,000 increase for vehicle procurement;
- A \$695,000 increase attributed to collective bargaining costs, as well as to hire four civilian staff;
- A \$475,000 increase to procure water and sewer billing software; and
- A \$1.1 million reduction attributed to phone plan contract re-estimates.

Customer Services and Water Board Support

This program area includes funding for the Bureau of Customer Services, which is responsible for all functions related to water and sewer billing for residents of NYC and certain upstate communities.

Figure 7: Customer Services and Water Board Support



The Department’s Fiscal 2021 Preliminary Budget includes \$60.5 million for Customer Services and Water Board Support, which is \$2 million or approximately three and a half percent more than the Fiscal 2020 Adopted Budget of \$58.4 million. This overall increase is largely accounted for in the following changes:

- A \$2 million increase for maintenance and support services of DEP’s Automated Meter Reading (AMR) system; and
- A \$116,000 increase attributed to collective bargaining costs.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
E-mails responded to in 14 days (%)	100%	100%	100%	95%	95%	100%	100%
Letters responded to in 14 days (%)	99%	99%	99%	95%	95%	99%	99%
Calls answered in 30 seconds (%)	79%	72%	68%	76%	76%	78%	88%
Average customer in-person wait time (minutes)	4	4	4	5	5	NA	NA
Completed customer requests for interpretation	13,783	13,858	14,548	*	*	NA	NA
Visitors rating customer service at borough centers as good or better (%)	93%	95%	96%	90%	90%	NA	NA
CORE customer experience rating (0-100)	97	95	NA	90	90	NA	NA

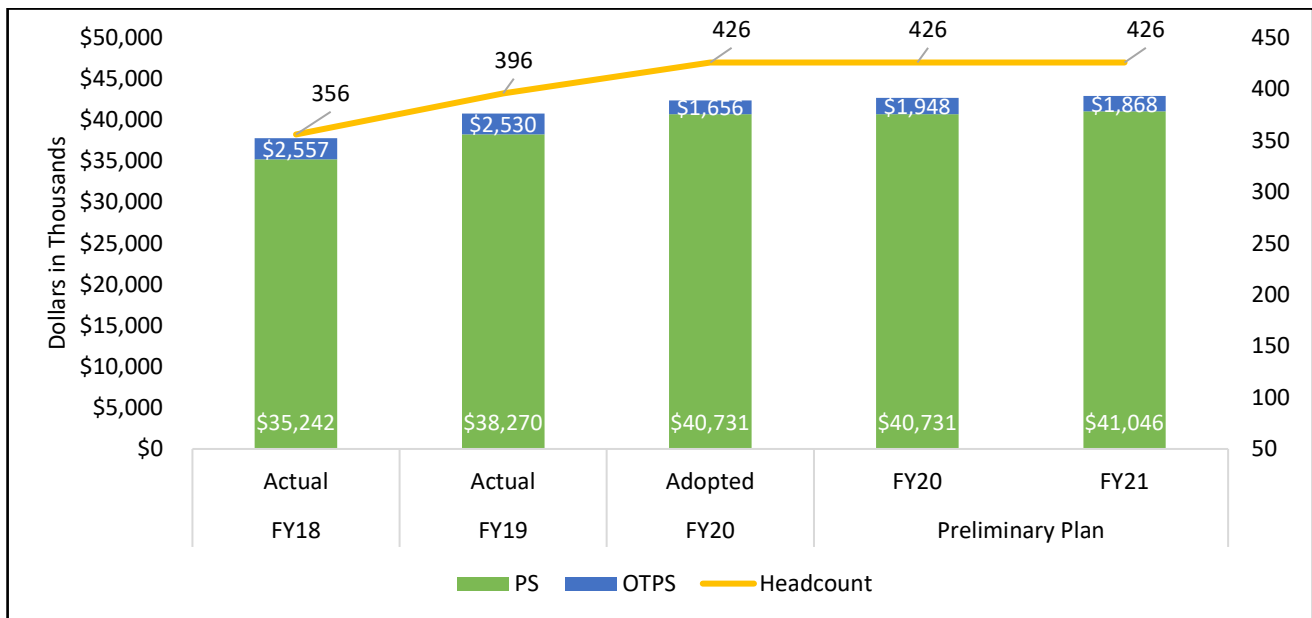
In the first four months of Fiscal 2020, the percentage of emails responded to within 14 days remained at 100 percent when compared to the same period in Fiscal 2019. Additionally, the number of letters responded to in 14 days remained at 99 percent in Fiscal 2020 when compared to the same period in

Fiscal 2019. Lastly, calls answered within 30 seconds was 88 percent in the first four months of Fiscal 2020, an increase of 10 percent when compared the same period in Fiscal 2019.

Engineering Design and Construction

This program area includes funding for the planning, design and construction of major water quality related capital projects. These projects focus on two important issues for the City – the continued delivery of high quality drinking water to the City and the continued improvement of water quality within the New York Harbor and estuaries.

Figure 8: Engineering Design and Construction Spending



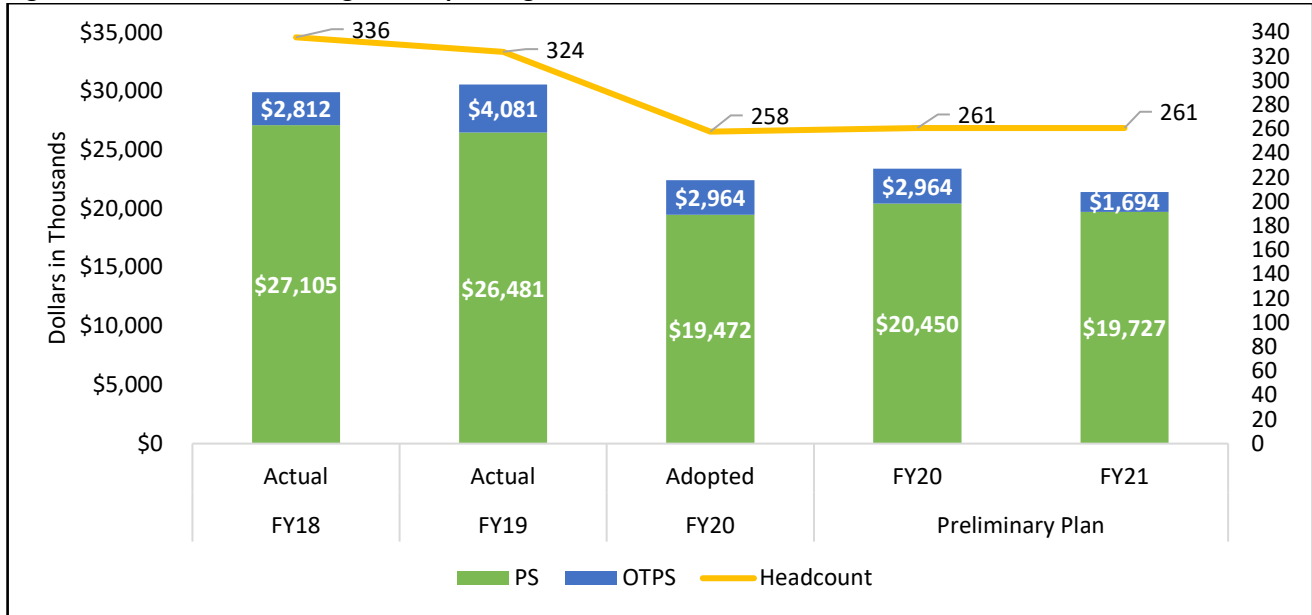
The Department’s Fiscal 2021 Preliminary Budget includes \$42.9 million for Engineering Design and Construction, which is \$527,000 or one and a quarter percent more than the Fiscal 2020 Adopted Budget of \$42.4 million. The overall increase is reflected the following changes:

- A \$313,000 increase attributed to collective bargaining costs; and
- A \$200,000 increase for equipment relocation costs at the City Tunnel No. 3, Shaft 17B construction site in Queens.

Environmental Management

This program area includes funding for the Bureau of Environmental Management, which is responsible for responding to 1,360 hazardous material emergency incidents annually; maintaining a comprehensive database of 3,700 facilities containing hazardous and toxic materials; managing environmental investigations and assessments of contaminated sites; overseeing the remediation of four active hazardous waste municipal landfills; conducting 24,000 field inspections in response to 15,000 air and noise code complaints in a year; helping implement the requirements of the Clean Air Act.

Figure 9: Environmental Management Spending



The Department’s Fiscal 2021 Preliminary Budget includes \$21.4 million for the Bureau of Environmental Compliance, which is \$1 million or four and a half percent less than the Fiscal 2020 Adopted Budget of \$22.4 million. This change is mainly due a decrease of \$1 million in funding allocated towards a vehicle idling initiative in Fiscal 2020 that did not carry into Fiscal 2021.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
Air complaints received	9,958	8,807	8,276	*	*	2,958	2,751
Air complaints responded to within seven days (%)	95%	96%	97%	85%	85%	98%	98%
Average days to close air quality complaints	2.5	4.2	3.9	7.0	7.0	4.5	3.6
Noise complaints received	58,892	61,342	61,967	*	*	19,594	17,258
Average days to close noise complaints	4.3	4.8	4.1	7.0	7.0	4.1	3.4
Asbestos complaints received	1,425	1,338	1,902	*	*	727	444
Average days to close asbestos complaints	0.34	0.74	0.91	*	*	1.01	0.99
Asbestos complaints responded to within three hours (%)	100%	100%	100%	100%	100%	100%	100%

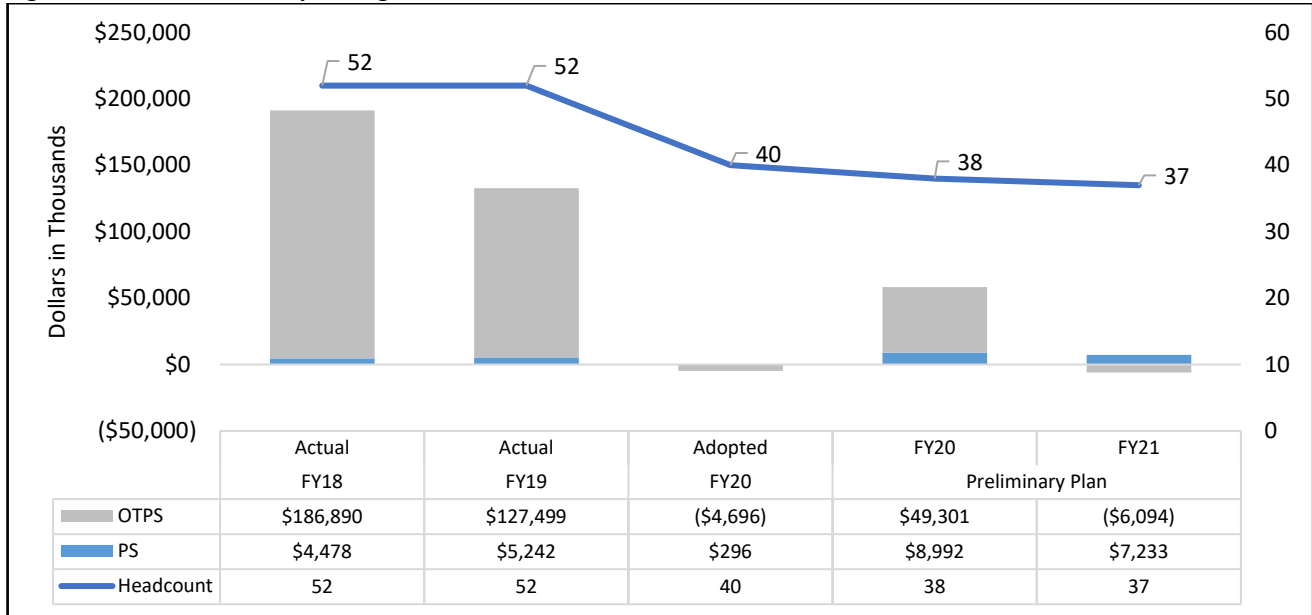
The average number of days to close air and noise complaints decreased in the first quarter of Fiscal 2020 when compared to the same period in Fiscal 2019. Noise and air violations can be difficult to enforce, as the inspector must be able to observe the activity whether it be loud music from a bar or a truck idling for too long.

The number of asbestos complaints received decreased by 283, or 39 percent, when compared to the first four months of Fiscal 2019. Asbestos is a serious health hazard and DEP has an excellent response time for responding to complaints. All asbestos complaints made in the first quarter of Fiscal 2020 were responded to within three hours.

Miscellaneous

This program area includes funding for any PS or OTPS expenses that receive one-time funding. It also includes Homeland Security and brownfield grants.

Figure 10: Miscellaneous Spending



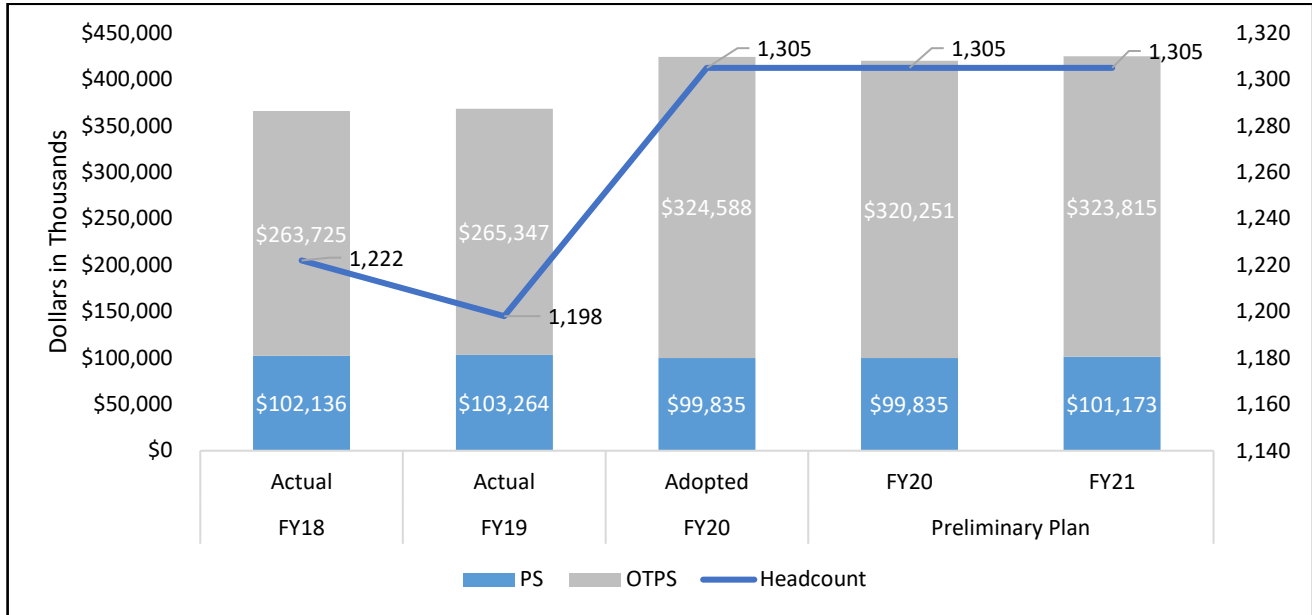
The Department’s Fiscal 2021 Preliminary Budget includes \$1.1 million for miscellaneous expenses, which is \$5.5 million more than the Fiscal 2020 Adopted Budget of (\$4.4 million). The overall increase reflects the following changes:

- A \$4.8 million increase attributed to civilian staff overtime costs;
- A \$2.2 million increase attributed to civilian staff differential costs; and
- A \$1.5 million reduction in Community Development Block Grant-Disaster Recovery funding for Build It Back. Funding is typically re-estimated and restored in DEP’s Executive Budget. Program areas that are funded, in part, with non-City funds might initially show a decrease in Fiscal 2021, but then eventually align with the Fiscal 2020 Adopted Budget once the agency confirms these federal allocations.

Upstate Water Supply

This program area includes funding for the Bureau of Water Supply to manage, operate and protect New York City’s upstate water supply system to ensure the delivery of a sufficient quantity of high quality drinking water. The Bureau is also responsible for the overall management and implementation of the provisions of the City’s \$1.5 billion Watershed Protection Program resulting from the Watershed Memorandum of Agreement (MOA) and for ensuring the City’s compliance with the provisions of the Filtration Avoidance Determination.

Figure 11: Upstate Water Supply Spending



The Department’s Fiscal 2021 Preliminary Budget includes \$425 million for the Upstate Water Supply, which is \$564,000, or less than one percent more than the Fiscal 2020 Adopted Budget of \$424.4 million. The overall increase is reflected in the following changes:

- A \$7 million increase for Catskill Aqueduct and Croton Filtration Plant water treatment chemicals;
- A \$6.7 million increase for costs related to a settlement in which DEP must reimburse homeowners for damage caused by leaking underground infrastructure in upstate New York;
- A \$1.3 million increase attributed to collective bargaining costs; and
- A \$13.6 million reduction in one-time funding in Fiscal 2020 that does not carry into Fiscal 2021 for the replacement of upstate sewer septic systems.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
In-City samples meeting water quality standards for coliform bacteria (%)	100%	100%	100%	100%	100%	100%	100%
Acres of land solicited in watershed area	34,475	20,613	44,252	*	*	8,261	4,837
Facility security checks	286,589	270,831	312,500	275,000	275,000	98,921	96,158
Overall enforcement activity	1,893	1,377	1,328	*	*	538	597

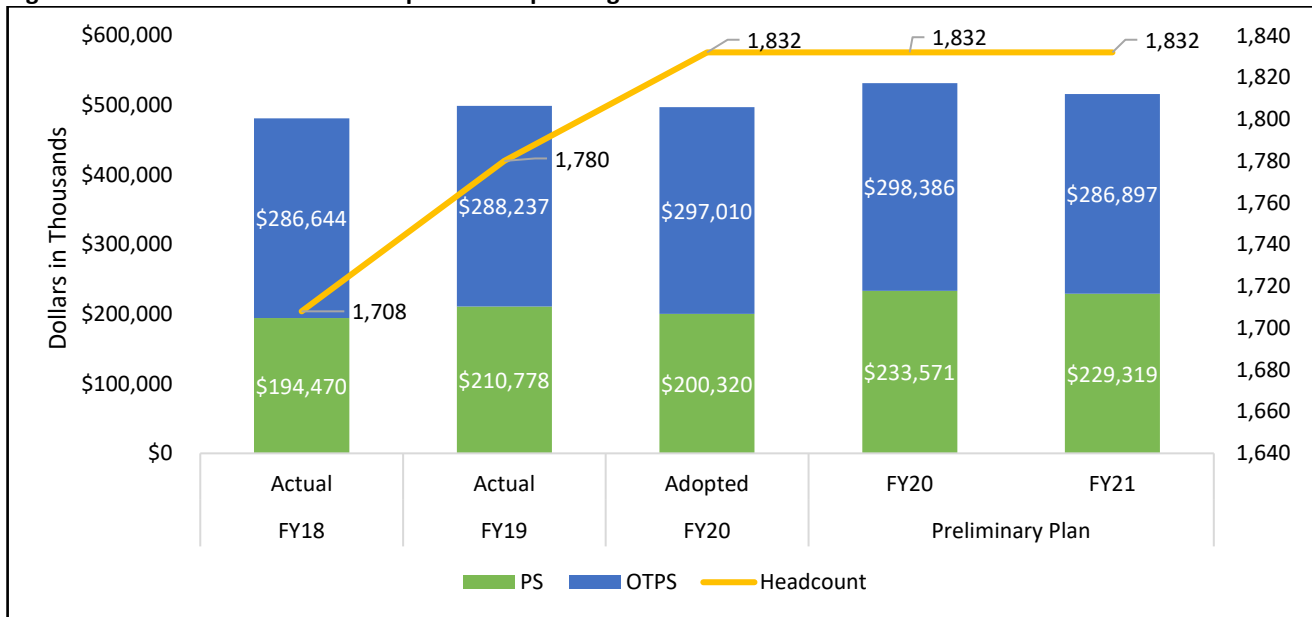
In the first quarter of Fiscal 2020, the number of facility security checks conducted by DEP police decreased by 2,763, or three percent, when compared to the same period in Fiscal 2019. Additionally, the number of acres of land solicited in the watershed area decreased by 3,424 acres, or 41.4 percent, when compared to the first four months of Fiscal 2019.

Wastewater Treatment Operations

This program area includes funding for the Bureau of Wastewater Treatment to maintain the chemical and physical integrity of New York Harbor and other local water bodies. The Bureau sustains the continued use and viability of the New York water environment through the removal of organic and toxic pollutants from the City's wastewater; exercises control of discharges from Combined Sewer

Overflows and dry weather bypassing; ensures optimum operation of treatment plant collections system; integrates watershed management concepts into facilities' planning and design; and enforces a city-wide industrial pre-treatment and pollution prevention program.

Figure 12: Wastewater Treatment Operations Spending



The Department’s Fiscal 2021 Preliminary Budget includes \$516.2 million for Water Treatment Operations, which is \$18.9 million or approximately three and a half percent more than the Fiscal 2020 Adopted Budget of \$497.3 million. The variance reflects the following changes:

- A \$18.8 million increase for civilian overtime costs;
- A \$8 million increase civilian differential costs;
- A \$2.2 million increase attributed to collective bargaining costs; and
- A \$7.2 million reduction in one-time funding in Fiscal 2020 that does not carry over into Fiscal 2021 for Owls Head Wastewater Treatment Plant dock repairs in Brooklyn.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
Wastewater treatment plant (WWTP) effluent meeting State Pollutant Elimination standards (%)	99.8%	99.7%	99.6%	100.0%	100.0%	99.7%	99.9%
Harbor survey stations meeting the fishable standard of 5mg/L for dissolved oxygen (%)	91%	92%	90%	89%	89%	72%	72%

In the first four months of Fiscal 2020, the percentage of harbor survey stations meeting the fishable standard for dissolved oxygen remained the same at 72 percent when compared to the first four months of Fiscal 2019.

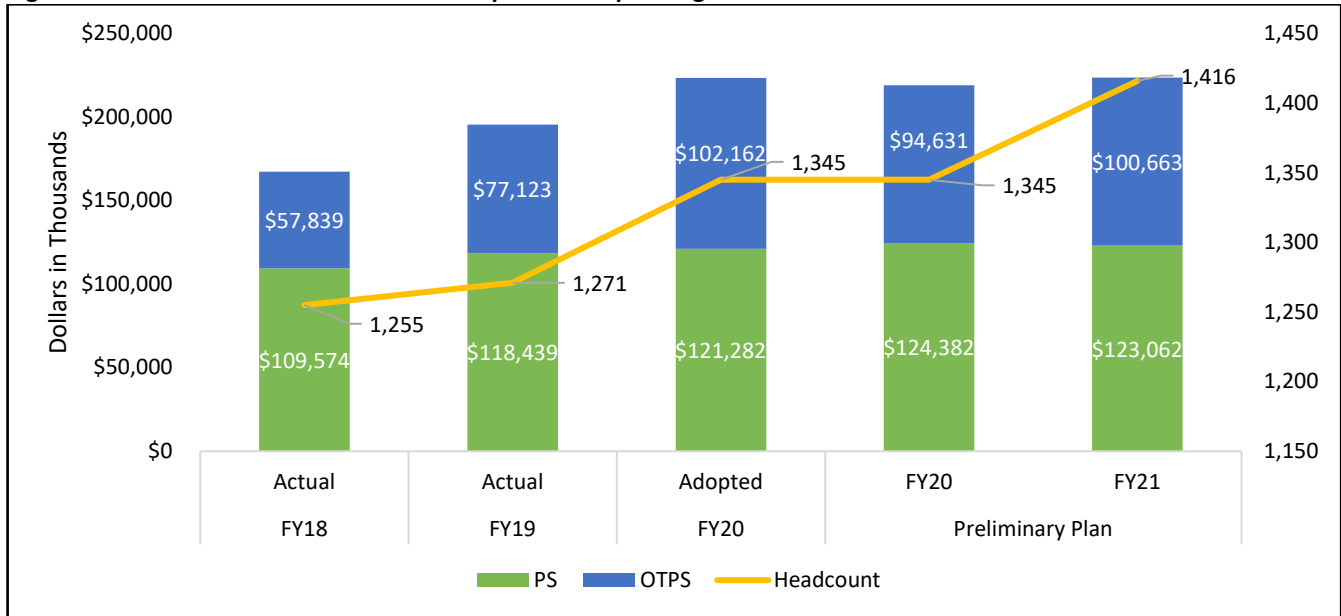
The percentage of wastewater treatment plant effluent meeting State pollutant standards increased slightly in the first four months of Fiscal 2020 to 99.9 percent when compared to the first four months of Fiscal 2019, in which 99.7 percent of treated wastewater achieved State standards.

Water and Sewer Maintenance Operations

This program area includes funding for the Bureau of Water and Sewer Operations to operate, maintain and protect the City's drinking water and wastewater collection (sewer) systems; the

protection of adjacent waterways; and the development and protection of the Capital Water and Sewer Design Program.

Figure 13: Water and Sewer Maintenance Operations Spending



The Department’s Fiscal 2021 Preliminary Budget includes approximately \$223.7 million for Water and Sewer Maintenance Operations, which is \$282,000 or less than one percent more than the Fiscal 2020 Adopted Budget of \$223.4 million. This variance is partially accounted for in the following changes:

- A \$1.8 million increase to hire 71 green infrastructure maintenance staff; and
- A \$1.1 million increase for arterial highway catch basin cleaning; and
- A \$2.3 million reduction for Municipal Separate Storm Water Sewer System (MS4) maintenance contracts.

PMMR Performance Measures

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
Sewer backup complaints received	12,133	11,303	11,965	*	*	4,569	4,199
Sewer backup complaints resolved - Confirmed (on City infrastructure)	2,649	2,389	2,177	*	*	720	662
Unconfirmed (not on City Infrastructure or unfounded)	9,489	8,904	9,796	*	*	3,819	3,538
Sewer backup resolution time (hours)	3.8	3.7	3.6	7.0	7.0	4.1	3.5
Street segments with confirmed sewer backup in the last 12 months (% of total segments)	1.2%	1.9%	0.9%	*	*	1.1%	0.9%
Street segments with recurring confirmed sewer backups in the last 12 months (% of total segments)	0.3%	0.3%	0.3%	0.6%	0.6%	0.3%	0.2%
Street cave-in complaints received	3,847	3,769	3,767	*	*	1,718	1,772
Average time to respond to street cave-in complaints and make safe (days)	1.9	1.9	1.9	*	*	2.1	1.6
Water main breaks	428	521	459	*	*	100	82
Water main breaks per 100 miles of main in the last 12 months	6.1	7.4	6.6	*	*	7.5	6.3
Average time to restore water to customers after confirming breaks (hours)	4.4	4.5	4.7	6.0	6.0	5.4	5.4
Broken and inoperative hydrants (%)	0.54%	0.40%	0.46%	1.00%	1.00%	0.47%	0.39%
Average time to repair or replace high-priority broken or inoperative hydrants (days)	2.5	2.9	2.5	5.0	5.0	2.5	2.3
Catch basin complaints received	8,942	7,673	10,662	*	*	3,964	3,224
Catch basin backup resolution time (days)	5.0	6.9	7.8	9.0	9.0	7.4	6.2
Catch basins surveyed/inspected (%) (cumulative)	98.3%	99.3%	103.4%	50.0%	50.0%	26.3%	26.1%

DEP Performance Indicators	Actual			Target		4-Month Actual	
	FY17	FY18	FY19	FY20	FY21	FY19	FY20
Catch basins cleaned	52,057	39,098	49,005	*	*	19,134	15,454
Backlog of catch basin repairs (% of system)	1.8%	3.8%	4.4%	1.0%	1.0%	4.8%	3.3%
Leak complaints received	3,673	4,367	3,791	*	*	1,121	968
Leak resolution time (days) (City infrastructure only)	10.0	10.2	8.4	12.0	12.0	11.1	6.8

The number of sewer backup complaints decreased by 370 complaints in the first quarter of Fiscal 2020 when compared to the same period in Fiscal 2019, or an eight percent decrease. Of the 4,199 sewer backup complaints received in this period in Fiscal 2020, only 662 were confirmed as sewer conditions emanating from City infrastructure, while the rest were related to private property or unfounded complaints.

Street cave-in complaints increased from 1,718 to 1,772 in the first four months of Fiscal 2020 when compared to the same period in Fiscal 2019, an increase of 54 complaints or three percent. The average time it took DEP to respond to the complaints decreased from 2.1 days to 1.6 days.

Water main breaks can be particularly damaging to City and private infrastructure, and can cause entire residential block-fronts to lose water. In the first four months of Fiscal 2020, there were 82 water main breaks, and it took DEP an average of 5.4 hours to restore water to customers after confirming breaks.

Capital Plan Overview

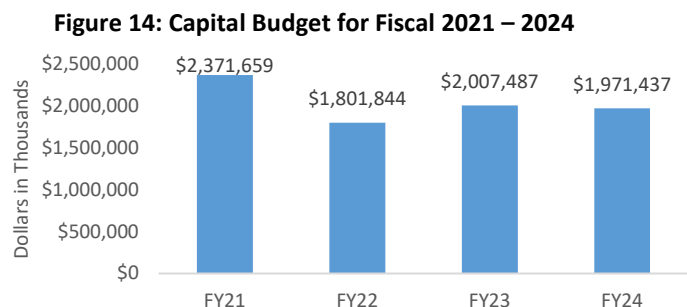
On January 16, 2020, Mayor Bill de Blasio released the Preliminary Capital Commitment Plan for Fiscal 2020-2024 (the Commitment Plan) and the Fiscal 2021-2024 Preliminary Capital Budget (the Capital Budget).

This section will provide an overview of the Preliminary Commitment Plan and Capital Budget for DEP. Each one of these documents should support and be well integrated with one another to properly execute the City’s capital projects as well as meet its infrastructure goals. Below we will examine to what extent this is occurring, where improvements need to be made, and the overall feasibility of DEP’s capital program.

Preliminary Capital Budget for Fiscal 2021-2024

The Capital Budget provides the required appropriations for Fiscal 2021 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.

As shown in the chart at the right, DEP’s Fiscal 2021 Preliminary Capital Budget totals \$8.2 billion. This represents approximately 15.2 percent of the City’s total \$53.9 billion Capital Budget for 2021-2024.



Preliminary Capital Commitment Plan for Fiscal 2020-2024

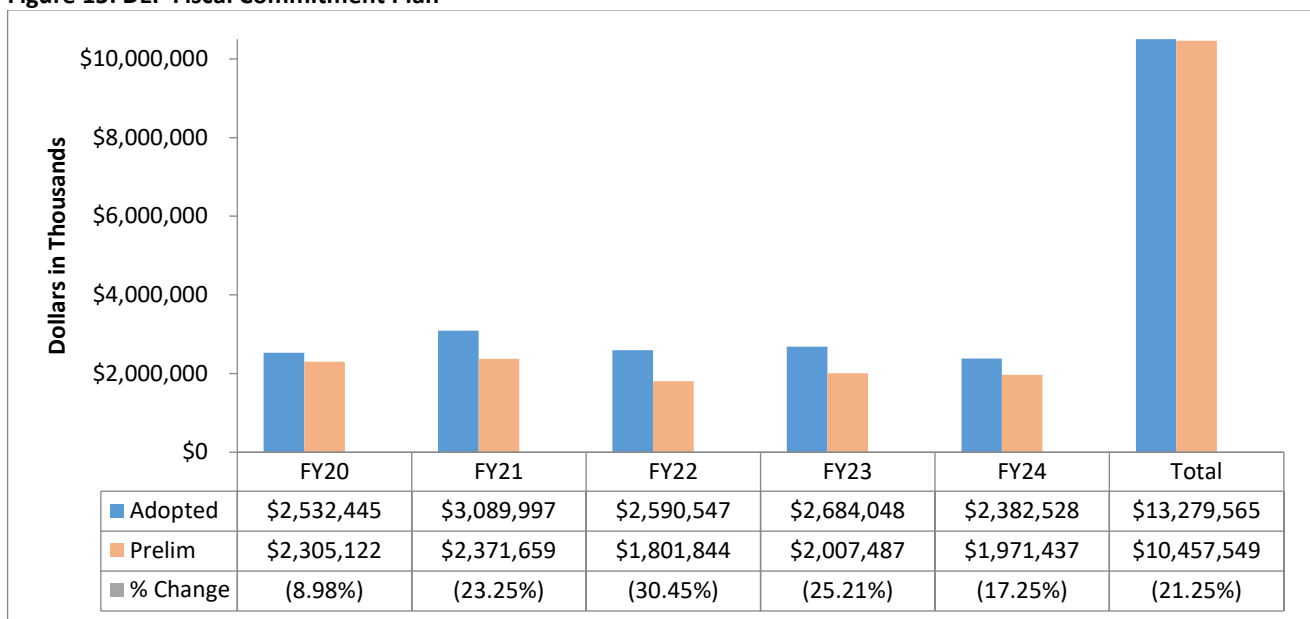
The City’s Capital Commitment Plan details the Administration’s plan to spend the appropriations voted on by the City Council at Adoption. The Commitment Plan provides project-level funding detail

as well an estimate of expenditure dates. It is through this document that we gain insight into a project’s estimated start date and time to completion.

DEP’s Preliminary Commitment Plan includes \$10.5 billion in Fiscal 2020-2024. This represents approximately 12.2 percent of the City’s total \$85.5 billion Preliminary Commitment Plan. The Capital Commitment is significantly higher than the Capital Budget because it includes the current appropriations for Fiscal 2020. The amount of uncommitted appropriations form the amount that will be re-appropriated or rolled into Fiscal 2021 in the Executive and Adopted Budgets.

Overall, DEP’s Preliminary Capital Commitment Plan addresses longstanding issues that have impacted communities throughout the City for decades, from flooding in South East Queens, to sewer overflow into the Gowanus Canal, to resiliency of infrastructure. DEP’s Commitment Plan paces out spending as the agency aims to mitigate a rate increase or large increase in the near future to homeowner rate payers.

Figure 15: DEP Fiscal Commitment Plan



The Preliminary Commitment Plan for the Department for Fiscal 2020 to 2024 has decreased by \$2.82 billion to a total of \$10.45 billion, or 21.3 percent, when compared to the Department’s Adopted Commitment Plan. The decrease in the Commitment Plan is primarily attributed to a number of projects in which funding was pushed past Fiscal 2024, including a \$280.2 million reallocation for a chamber modification at the Hillview Reservoir; a \$200.8 million reallocation for construction of a Gowanus Canal combined sewer tank; a \$120 million reallocation for the new Croton dam; a \$115 million reallocation for reconstruction of the Catskill Aqueduct tunnel; a \$112.9 million reallocation for storm sewers in Laurelton, Queens; and a \$95 million reallocation for combined sewer overflow work at Hunters Point in Long Island City, Queens.

The total appropriations for DEP in Fiscal 2020 are \$2.1 billion against planned commitments totaling \$399.9 million.¹ This excess balance of \$1.7 billion in appropriations gives the Administration considerable flexibility within the capital plan. However, as the commitment of appropriations are

¹ Appropriations for Fiscal 2020 are calculated by summing the available appropriations listed in the commitment plan with actual commitments to-date. Because commitments to-date excludes inter-fund agreements (IFA), this figure may be slightly lower than the total appropriations for Fiscal 2020. In addition, a very small portion of the difference between appropriations and planned commitments are necessary to fund IFA, which are excluded from this planned commitments figure.

legally bound to their budget line descriptions this flexibility is more limited than it appears from this variance alone.

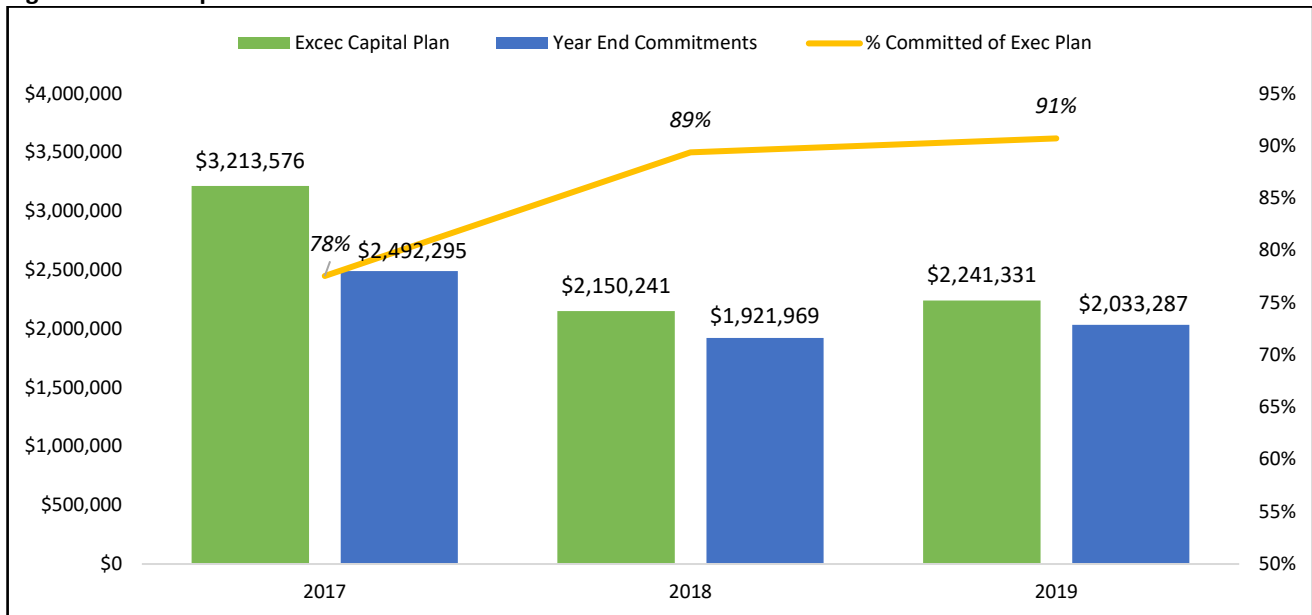
Historically, the Commitment Plan has frontloaded planned commitments for capital projects in the first year or two of the plan, and included unrealistically high planned commitments. At the Council’s continued urging that practice has largely ceased. Beginning with the Fiscal 2020 Executive Commitment Plan, agencies’ Commitment Plans are more accurate, reflecting more evenly distributed planned spending across all years of the plan.

A natural result of more realistic timelines is capital projects extending beyond the Commitment Plan’s five-year time frame. To address this, the Administration has added Section VII titled “Redistribution of the City’s Capital Plan” to the Commitment Plan. What this section does is increase the transparency of the Commitment Plan by showing the distribution of funding beyond the required five years to ten years (Fiscal 2020 -2029). This extension allows the Council and the public to better differentiate between movement beyond the years of the Commitment Plan and a simple elimination of funding. DEP’s ten-year total is \$20.5 billion, which is \$9.9 billion more than the Department’s \$10.5 billion five-year plan

DEP had actual commitments of \$2.03 billion in Fiscal 2019, a commitment rate of 90.7 percent. The Department’s history of commitments is shown in the chart below. Given this performance history, it is likely that DEP will end this year with some unmet commitment targets and uncommitted appropriations available to roll into Fiscal 2021 and in the outyears.

The chart below displays the Department’s capital commitment plans for the Fiscal 2017-2019 Executive Budgets and the actual commitments in the corresponding fiscal year. The chart also shows the capital commitment rate: the percentage of the capital plan committed per fiscal year.²

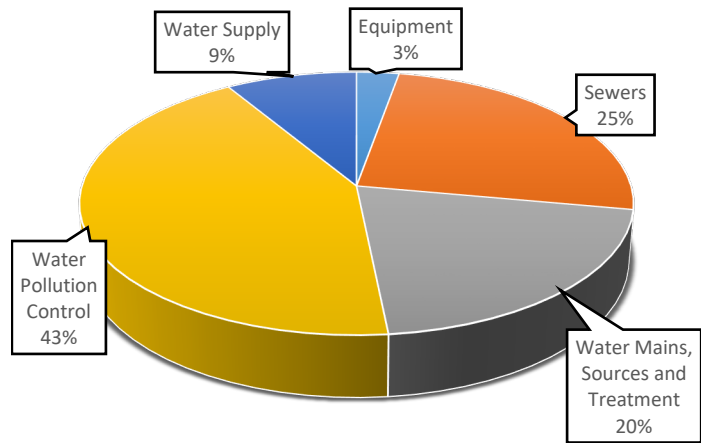
Figure 16: DEP Capital Commitment Rate



² Note planned commitments are higher than the agency’s “target commitments.” Target commitments are a management tool used by OMB; they are “the actual aggregate levels that the managing agencies are expected to commit and against which their performance will be measured at the end of the fiscal year,” and are not broken out between City and non-City funds.

The Department’s Commitment Plan includes 1,055 project IDs across five project types, including: equipment, sewers, water mains, sources, and treatment, water pollution control, and water supply.

Figure 17: Capital Project by Type



Water Pollution Control (WP) projects represent 43 percent of the total projects in the five-year capital plan. Activities in this category are directed at improving the quality of the City’s waterways and to ensure compliance with mandates imposed by the federal Clean Water Act.

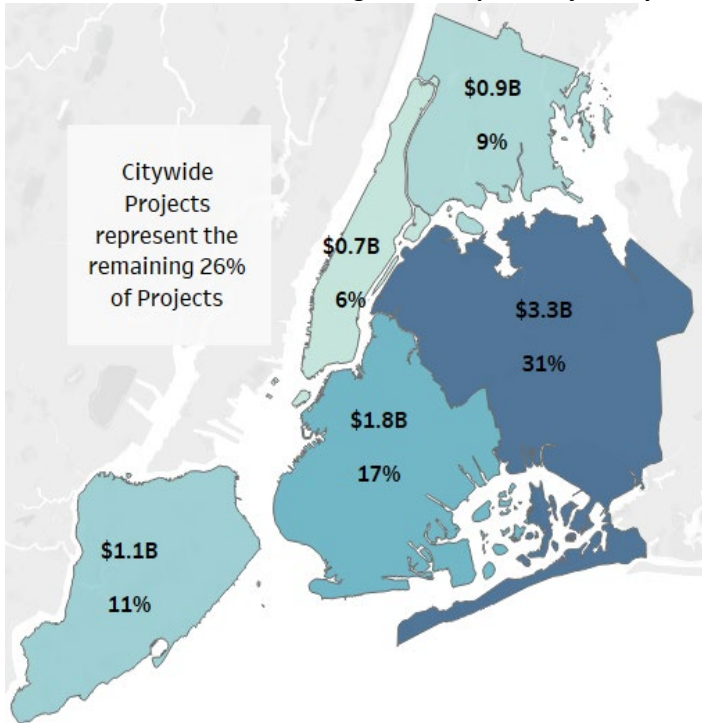
Sewer (SE) projects represent 25 percent of the projects in the five-year capital plan. Projects in this category include replacing existing sewers in areas requiring increased capacity, extending sewers to unserved or underserved areas, and replacing failing or collapsed sewer mains.

Water Mains (WM) projects represent 20 percent of the projects in the five-year capital plan. This category involves the protection and upkeep of the City’s source water supply and water distribution system.

Water Supply (W) projects represent nearly nine percent of the projects in the five-year capital plan. 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.

Equipment (EP) projects represent nearly three percent of the projects in the five-year capital plan. 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.

Figure 18: Capital Projects by Borough (Includes Citywide):



Multi-borough projects represent \$2.7 billion of the Department’s five-year capital plan.

Queens-based projects represent \$3.3 billion of the five-year capital plan.

Brooklyn-based projects represent \$1.8 billion of the five-year capital plan.

Staten Island-based projects represent \$1.1 billion of the five-year capital plan.

Manhattan-based projects \$680.2 million of the five-year capital plan.

Bronx-based projects represent \$940 million of the five-year capital plan.

Fiscal 2020 Preliminary Capital Commitment Plan Highlights

Major capital projects included in the Preliminary Capital Commitment Plan for Fiscal 2020-2024 are outlined below.

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 Preliminary Capital Commitment Plan includes a total of \$668.1 million for the completion of the Brooklyn/ Queens leg of the City Tunnel No. 3, and modification of chambers at the Hillview Reservoir.

Hunts Point Wastewater Treatment Plant. The Preliminary Capital Commitment Plan includes \$393 million to replace four anaerobic digesters and four new gas burners.

Combined Sewer Overflow Abatement. The Preliminary Capital Commitment Plan includes \$452.9 million for construction of a combined sewer overflow retention tank at Gowanus superfund site in Brooklyn.

Hunts Point Wastewater Treatment Plan. The Preliminary Capital Commitment Plan includes \$393 million to replace anaerobic digesters at the Hunts Point Wastewater Treatment Plan in the Bronx.

Pumping Station Reconstruction. The Preliminary Capital Commitment Plan includes \$200 million to replace and harden pumping stations damaged by Hurricane Sandy in Queens.

Ashokan Reservoir. The Preliminary Capital Commitment Plan includes \$166.7 million for rehabilitation of the dam, dikes, chambers, and various other facilities at the Ashokan Reservoir, which has provided clean drinking water to all of New York City for exactly 100 years.

East Side Coastal Resiliency. The Preliminary Capital Commitment Plan includes \$167.3 million for DEP’s portion of the East Side Coastal Resiliency project. The East Side Coastal Resiliency project is a coastal protection initiative, jointly funded by the City of New York and the federal government,

aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street.

Kensico-Eastview Connection Tunnel. The Preliminary Capital Commitment Plan includes \$139.3 million towards 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, DEP will build a new deep rock tunnel between the two sites.

Appendices

A: Budget Actions in the November and the Preliminary Plans

<i>Dollars in Thousands</i>	FY20			FY21		
	City	Non-City	Total	City	Non-City	Total
DEP Budget as of Fiscal 2020 Adopted Budget	\$1,292,573	\$77,731	\$1,370,304	\$1,289,469	\$72,031	\$1,361,500
New Needs						
NYCWin Replacement	\$16,971	\$0	\$16,971	\$3,761	\$0	\$3,761
Agency PS Shortfall	25,000	0	25,000	35,000	0	35,000
Build It Back Single Family Housing Recovery	16,838	0	16,838	0	0	0
Department of Transpiration Relocation	293	0	293	350	0	350
Sewage Treatment Workers Payment	9,951	0	9,951	0	0	0
Subtotal, New Needs	\$69,053	\$0	\$69,053	\$39,111	\$0	\$39,111
Other Adjustments						
Agency Phone Plan Review	(\$544)	\$0	(\$544)	(\$1,087)	\$0	(\$1,087)
Arterial Highway Catch Basin	(70)	0	(70)	(70)	0	(70)
Biowatch Year 14	0	1,789	1,789	0	0	0
Bravo Administration Funding	0	706	706	0	0	0
Brownfield Pertrol and Hazard	0	105	105	0	0	0
Build It Back DEP	0	7,742	7,742	0	0	0
Catch Basin Cleaning Contract Underspending	(280)	0	(280)	(138)	0	(138)
Crane Operator Collective Bargaining	14	0	14	14	0	14
DEP Immediate Need	0	942	942	0	0	0
Disaster Recovery	0	5,812	5,812	0	0	0
Excel Projects	0	1,007	1,007	0	0	0
GreenNYC Mediate Tech Transfer	12	0	12	100	0	100
Hazard Mitigation Plan	0	1,022	1,022	0	0	0
Housing Recovery Operations Administration	0	20	20	0	0	0
Housing Recovery Operations Payment Funding	0	25,053	25,053	0	0	0
Hydroelectric Program and Property Tax Savings	(46)	0	(46)	(46)	0	(46)
Intra-City Collective	0	13	13	0	0	0
Landfill Underspending	(200)	0	(200)	(200)	0	(200)
Lease Adjustment	277	0	277	0	0	0
Lefrak Carpet	0	995	995	0	0	0
Long Island Sound	0	2,600	2,600	0	0	0
Oyster Grant	0	105	105	0	0	0
Retrofit Grant	0	396	396	0	0	0
Sandy Meters	0	1,008	1,008	0	0	0
Sheepshead Bay Court	0	750	750	0	0	0
Sheepshead Bay Court Payment	0	1,200	1,200	0	0	0
Tax Levy Surplus	(250)	0	(250)	(204)	0	(204)
Work Well NYC	0	10	10	0	0	0
Subtotal, Other Adjustments	(\$1,087)	\$51,275	\$50,188	(\$1,631)	\$0	(\$1,631)
TOTAL, All Changes	\$67,966	\$51,275	\$119,241	\$37,480	\$0	\$38,637
DEP Budget as of the Preliminary Fiscal 2021 Budget	\$1,360,533	\$129,007	\$1,489,539	\$1,326,948	\$72,030	\$1,398,979

B: Program Areas

Agency Administration and Support

Agency Administration & Support						
	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$39,917	\$42,278	\$41,185	\$42,209	\$41,880	\$695
Other Salaried and Unsalari ed	1,184	1,861	1,329	1,829	1,334	5
Additional Gross Pay	988	1,123	480	780	480	0
Overtime - Civilian	1,176	1,161	239	1,987	1,487	1,248
Subtotal	\$43,265	\$46,423	\$43,232	\$46,805	\$45,181	\$1,949
Other Than Personal Services						
Supplies and Materials	\$2,586	\$3,152	\$3,008	\$3,464	\$3,483	\$475
Fixed and Misc Charges	5,793	2,858	27	80	27	0
Property and Equipment	3,973	4,480	2,542	2,590	3,299	757
Other Services and Charges	37,767	38,288	38,417	41,937	37,284	(1,133)
Contractual Services	17,743	18,230	19,023	22,105	18,842	(181)
Subtotal	\$67,862	\$67,008	\$63,016	\$70,177	\$62,934	(\$81)
TOTAL	\$111,127	\$113,430	\$106,248	\$116,982	\$108,116	\$1,867
Funding						
City Funds			\$97,980	\$105,987	\$99,774	\$1,794
Other Categorical			0	112	0	0
Capital- IFA			7,995	7,995	8,068	73
Federal - Other			0	2,600	0	0
Intra City			274	274	274	0
Intra City			0	14	0	0
TOTAL	\$111,127	\$113,430	\$106,248	\$116,982	\$108,116	\$1,867
Budgeted Headcount						
Full-Time Positions - Civilian	457	462	502	506	506	4
TOTAL	457	462	502	506	506	4

**The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.*

Customer Services and Water Board Support

Customer Services and Water Board Support						
<i>Dollars in Thousands</i>	FY18	FY19	FY20	Preliminary Plan		*Difference
	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$28,807	\$28,711	\$31,045	\$31,045	\$31,161	\$116
Other Salaried and Unsalari ed	3,224	3,546	3,573	3,573	3,958	385
Additional Gross Pay	1,150	1,212	843	843	843	0
Overtime - Civilian	1,769	1,537	3,542	3,542	2,917	(625)
Subtotal	\$34,950	\$35,006	\$39,003	\$39,003	\$38,879	(\$124)
Other Than Personal Services						
Supplies and Materials	\$2,170	\$2,737	\$3,289	\$3,516	\$3,289	\$0
Property and Equipment	1,085	1,745	1,198	4,094	1,198	0
Other Services and Charges	2,548	5,674	6,040	21,798	8,062	2,022
Contractual Services	6,726	7,124	8,906	8,704	9,031	125
Subtotal	\$12,530	\$17,280	\$19,434	\$38,113	\$21,581	\$2,147
TOTAL	\$47,480	\$52,286	\$58,437	\$77,116	\$60,460	\$2,023
Funding						
City Funds			\$58,261	\$75,933	\$60,284	\$2,023
Capital- IFA			175	175	175	0
Federal - Other			0	1,008	0	0
TOTAL	\$47,480	\$52,286	\$58,437	\$77,116	\$60,460	\$2,023
Budgeted Headcount						
Full-Time Positions - Civilian	446	437	463	463	463	0
TOTAL	446	437	463	463	463	0

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Engineering Design and Construction

Engineering Design and Construction						
<i>Dollars in Thousands</i>	FY18	FY19	FY20	Preliminary Plan		*Difference
	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$32,810	\$36,369	\$38,624	\$38,624	\$38,937	\$313
Other Salaried and Unsalari ed	206	257	44	44	46	2
Additional Gross Pay	1,706	1,331	1,424	1,424	1,424	0
Overtime - Civilian	521	312	639	639	639	0
Subtotal	\$35,242	\$38,270	\$40,731	\$40,731	\$41,046	\$314
Other Than Personal Services						
Supplies and Materials	\$69	\$121	\$100	\$127	\$100	\$0
Property and Equipment	28	452	59	38	59	0
Other Services and Charges	1,706	1,397	558	799	757	200
Contractual Services	753	560	939	984	952	13
Subtotal	\$2,557	\$2,530	\$1,656	\$1,948	\$1,868	\$213
TOTAL	\$37,799	\$40,799	\$42,387	\$42,680	\$42,914	\$527
Funding						
City Funds			\$1,656	\$1,948	\$1,868	\$213
Capital- IFA			40,731	40,731	41,046	314
TOTAL	\$37,799	\$40,799	\$42,387	\$42,680	\$42,914	\$527
Budgeted Headcount						
Full-Time Positions - Civilian	356	396	426	426	426	0
TOTAL	356	396	426	426	426	0

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Environmental Management

Environmental Management						
	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$23,690	\$23,099	\$17,380	\$18,357	\$17,634	\$255
Other Salaried and Unsalariad	107	90	169	169	169	0
Additional Gross Pay	856	1,184	499	499	499	0
Overtime - Civilian	2,453	2,107	1,424	1,424	1,424	0
Subtotal	\$27,105	\$26,481	\$19,472	\$20,450	\$19,727	\$255
Other Than Personal Services						
Supplies and Materials	\$408	\$287	\$517	\$504	\$517	\$0
Property and Equipment	648	937	492	517	223	(270)
Other Services and Charges	169	109	343	258	343	0
Contractual Services	1,588	2,747	1,612	1,685	612	(1,000)
Subtotal	\$2,812	\$4,081	\$2,964	\$2,964	\$1,694	(\$1,270)
TOTAL	\$29,917	\$30,562	\$22,436	\$23,413	\$21,421	(\$1,014)
Funding						
City Funds			\$21,407	\$21,451	\$20,297	(\$1,110)
Capital- IFA			81	81	81	1
Federal - Community Development			612	1,533	707	95
Intra City			336	349	336	0
TOTAL	\$29,917	\$30,562	\$22,436	\$23,413	\$21,421	(\$1,014)
Budgeted Headcount						
Full-Time Positions - Civilian	336	324	258	261	261	3
TOTAL	336	324	258	261	261	3

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Miscellaneous

Miscellaneous	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$3,819	\$4,351	\$3,241	\$4,921	\$3,213	(\$28)
Other Salaried and Unsalariad	0	0	16	16	16	0
Additional Gross Pay	130	250	0	2,208	2,208	2,208
Overtime - Civilian	529	640	(2,962)	1,847	1,796	4,758
Fringe Benefits	1	1	0	0	0	0
Subtotal	\$4,478	\$5,242	\$296	\$8,992	\$7,233	\$6,938
Other Than Personal Services						
Supplies and Materials	\$100	\$284	(\$39)	\$17,446	(\$59)	(\$20)
Fixed and Misc Charges	78,812	49,871	1,429	17,662	1,433	\$4
Property and Equipment	87	37	(161)	(125)	(161)	\$0
Other Services and Charges	14,686	8,363	(20,786)	(15,752)	(21,517)	(\$731)
Contractual Services	93,204	68,943	14,861	30,070	14,210	(\$651)
Subtotal	\$186,890	\$127,499	(\$4,696)	\$49,301	(\$6,094)	(\$1,398)
TOTAL	\$191,368	\$132,741	(\$4,401)	\$58,293	\$1,139	\$5,540
Funding						
City Funds			(\$4,554)	\$18,917	\$986	\$5,540
Other Categorical			0	995	0	0
State			0	396	0	0
Federal - Community Development			0	35,389	0	0
Federal - Other			153	2,150	153	0
Intra City			0	446	0	0
TOTAL	\$191,368	\$132,741	(\$4,401)	\$58,293	\$1,139	\$5,540
Budgeted Headcount						
Full-Time Positions - Civilian	52	52	40	38	37	(3)
TOTAL	52	52	40	38	37	(3)

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Upstate Water Supply

Upstate Water Supply						
	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$89,662	\$91,995	\$94,374	\$94,374	\$95,679	\$1,305
Full-Time Salaried - Uniformed	2	0	0	0	0	0
Other Salaried and Unsalari ed	525	559	272	272	277	5
Additional Gross Pay	7,047	5,807	2,992	2,992	3,020	27
Overtime - Civilian	4,719	4,695	2,009	2,009	2,009	0
Fringe Benefits	182	208	188	188	188	0
Subtotal	\$102,136	\$103,264	\$99,835	\$99,835	\$101,173	\$1,337
Other Than Personal Services						
Supplies and Materials	\$22,015	\$26,255	\$31,475	\$33,152	\$38,437	\$6,962
Fixed and Misc Charges	163,455	165,937	166,158	165,955	166,158	0
Property and Equipment	5,245	4,227	3,908	5,009	3,096	(812)
Other Services and Charges	49,812	46,235	83,024	79,336	69,420	(13,604)
Contractual Services	23,199	22,693	40,023	36,800	46,703	6,681
Subtotal	\$263,725	\$265,347	\$324,588	\$320,251	\$323,815	(\$773)
TOTAL	\$365,862	\$368,611	\$424,423	\$420,087	\$424,987	\$564
Funding						
City Funds			\$420,483	\$415,791	\$421,016	\$533
Other Categorical			0	63	0	0
Capital- IFA			3,940	3,940	3,971	31
Intra City			0	292	0	0
TOTAL	\$365,862	\$368,611	\$424,423	\$420,087	\$424,987	\$564
Budgeted Headcount						
Full-Time Positions - Civilian	1,222	1,198	1,305	1,305	1,305	0
TOTAL	1,222	1,198	1,305	1,305	1,305	0

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Wastewater Treatment Operations

Wastewater Treatment Operations						
	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$149,590	\$156,815	\$178,536	\$190,501	\$180,749	\$2,212
Other Salaried and Unsalariated	26	58	106	106	106	0
Additional Gross Pay	19,383	25,928	7,546	15,555	15,555	8,009
Overtime - Civilian	22,393	25,240	11,047	24,325	29,825	18,777
Fringe Benefits	3,078	2,737	3,084	3,084	3,084	0
Subtotal	\$194,470	\$210,778	\$200,320	\$233,571	\$229,319	\$28,999
Other Than Personal Services						
Supplies and Materials	\$43,888	\$50,145	\$56,952	\$57,989	\$56,952	\$0
Fixed and Misc Charges	516	542	597	597	597	0
Property and Equipment	4,192	7,408	7,965	7,875	7,965	0
Other Services and Charges	126,876	110,117	106,980	109,623	104,047	(2,933)
Contractual Services	111,172	120,025	124,516	122,301	117,336	(7,180)
Subtotal	\$286,644	\$288,237	\$297,010	\$298,386	\$286,897	(\$10,112)
TOTAL	\$481,114	\$499,015	\$497,330	\$531,957	\$516,216	\$18,886
Funding						
City Funds			\$487,622	\$515,220	\$507,633	\$20,010
Other Categorical			0	5,639	0	0
Capital- IFA			8,532	8,532	8,583	52
Federal - Other			1,176	2,302	0	(1,176)
Intra City			0	264	0	0
TOTAL	\$481,114	\$499,015	\$497,330	\$531,957	\$516,216	\$18,886
Budgeted Headcount						
Full-Time Positions - Civilian	1,708	1,780	1,832	1,832	1,832	0
TOTAL	1,708	1,780	1,832	1,832	1,832	0

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.

Water and Sewer Maintenance Operations

Water and Sewer Maintenance Operations						
	FY18	FY19	FY20	Preliminary Plan		*Difference
<i>Dollars in Thousands</i>	Actual	Actual	Adopted	FY20	FY21	FY20-FY21
Spending						
Personal Services						
Full-Time Salaried - Civilian	\$90,044	\$96,811	\$107,887	\$107,887	\$109,654	\$1,766
Other Salaried and Unsalariad	1,339	1,495	1,778	1,778	1,792	14
Additional Gross Pay	7,295	7,083	5,859	5,859	5,859	0
Overtime - Civilian	10,897	13,050	5,734	8,834	5,734	0
Fringe Benefits	0	0	24	24	24	0
Subtotal	\$109,574	\$118,439	\$121,282	\$124,382	\$123,062	\$1,780
Other Than Personal Services						
Supplies and Materials	\$11,268	\$12,579	\$12,719	\$13,671	\$12,508	(\$211)
Fixed and Misc Charges	2,325	6,185	0	0	0	0
Property and Equipment	1,916	1,918	1,313	1,390	1,313	0
Other Services and Charges	25,406	25,016	38,857	32,467	36,506	(2,352)
Contractual Services	16,925	31,426	49,273	47,103	50,337	1,064
Subtotal	\$57,839	\$77,123	\$102,162	\$94,631	\$100,663	(\$1,498)
TOTAL	\$167,414	\$195,563	\$223,444	\$219,013	\$223,726	\$282
Funding						
City Funds			\$209,717	\$205,286	\$215,091	\$5,373
Capital- IFA			8,566	8,566	8,635	69
State			5,161	5,161	0	(5,161)
TOTAL	\$167,414	\$195,563	\$223,444	\$219,013	\$223,726	\$282
Budgeted Headcount						
Full-Time Positions - Civilian	1,255	1,271	1,345	1,345	1,416	71
TOTAL	1,255	1,271	1,345	1,345	1,416	71

*The difference of Fiscal 2020 Adopted Budget compared to Fiscal 2021 Preliminary Budget.