

**New York City Department of Environmental Protection
Bureau of Water Supply**

Annual Report on FAD Budget and Staffing

September 2018

*Prepared in accordance with Section 9.0 of the NYSDOH
2017 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

Staffing

Section 9.0 of the 2017 Filtration Avoidance Determination (FAD) requires that New York City Department of Environmental Protection (DEP) maintain the level of staffing, funding and expertise necessary to support all elements of the City's Long Term Watershed Protection Program. Annually, DEP is required to identify actual filled positions versus available positions for each division and section involved in supporting the watershed protection programs. Table 1 summarizes the current staffing level for each division and section involved in supporting the City's watershed protection programs. Table 2 summarizes the extent of our recruitment efforts.

At the end of FY18, 92.2% of all positions within the Bureau of Water Supply have been filled.

Funding

Section 9.0 of the FAD requires that DEP provide written notification as to whether the City budget for the upcoming fiscal year includes sufficient funding to allow the City to meet its obligations under the FAD. Table 3 summarizes capital funds disbursed and appropriated for FY18 through FY22 to support existing and new obligations under the FAD programs. The table reflects the capital commitments contained in the April 2018 Executive Budget. The capital budget is adjusted from time to time throughout the year to meet program needs and accommodate schedule changes. Table 4 summarizes expense funds disbursed in FY18, budgeted for FY19 and planned for the outer years to support existing and new obligations under the FAD programs. Capital and Expense funds provided by the NYC Office of Management and Budget (OMB) are sufficient to support the City's Long Term Watershed Protection Program.

Water Rates

DEP's water and wastewater services are funded entirely by ratepayers. Rates borne by property owners are the only source of the revenue to support these services, which are essential for local public health and quality of life, and are highly regulated at the state and federal levels.

In 2016, the City proposed and the Water Board approved a \$183 credit as part of the Board's FY17 budget. Later that year a legal challenge was filed and the New York County Supreme Court invalidated the Water Board's resolution, including the \$183 credit. The Water Board appealed the decision which was subsequently upheld by the Appellate Division's First Department. Upon further appeal to the New York State Court of Appeals, the Court upheld the Board's authority to issue the credit at issue and its broad discretion in setting water rates. Water and sewer rates were held at the FY16 level for FY17 and FY18 pending the outcome of the litigation. A water rate increase of 2.36% was approved for FY19. With nearly 20% of the New York City population living below the federal poverty threshold, and another 25% earning less than 150% of the poverty level, it is imperative that DEP continue to strive to keep water and sewer rates as affordable as possible.

Table 1. FY18 FAD Staffing

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Executive			
Deputy Commissioner	1	1	
Management & Support	3	3	
Total Executive	4	4	0
Water Quality - Management			
Director - Water Quality	1	1	
Management & Support	1	1	
Subtotal	2	2	0
Water Quality - Distribution Water Quality Operations			
Management & Support	2	1	1
Distribution Water Quality Laboratory Operations - Management	1	1	
Microbiology	12	12	
Wet Chemistry	9	8	1
Trace Metals	3	2	1
Organic Chemistry	8	8	
Distribution Water Quality Field Operations - Management	1	1	
Field Operations	21	21	
Early Warning Remote Monitoring	6	6	
Distribution Water Quality Compliance - Management	1	1	
Data Management	9	8	1
Quality Assurance	3	3	
Procurement	2	2	
Health & Safety	1	1	
Distribution Science & Planning	4	4	
Subtotal	83	79	4
Water Quality - Watershed Water Quality Science & Research			
Management & Support	1	1	
Water Quality Modeling	4	4	
Water Quality Program Evaluation & Planning	4	4	
Watershed Impacts & Pathogen Assessment	4	4	
Health Assessment & Policy Coordination	1	1	

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Subtotal	14	14	0
Water Quality - Watershed Water Quality Operations			
Management & Support	1	1	
Watershed Water Quality Systems Support	15	15	
EOH Water Quality Operations	44	40	4
WOH Water Quality Operations	60	56	4
Wildlife Studies	3	3	
Subtotal	123	115	8
Total Water Quality	222	210	12
Upstate Police Force			
Chief	1	1	
Assistant Chief	1	1	
Inspector	1	1	
Captain	4	4	
Lieutenant	13	13	
Sergeant	34	34	
Environmental Police Officers	167	144	23
Admin/Analytical/Clerical Support	24	20	4
Total Upstate Police Force	245	218	27
Watershed Protection Programs			
Director - Watershed Protection Programs	1	1	
Management & Support	1	1	
Subtotal	2	2	0
Watershed Protection Programs - Watershed Lands & Community Planning			
Management & Support	1	1	
Land Acquisition	15	14	1
Community Planning	7	6	1
Stream Management	9	8	1
Working Lands	2	2	
Administration & Compliance	1	1	
GIS Support	4	4	
Subtotal	39	36	3

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Watershed Protection Programs - Natural Resources Division			
Management & Support	2	2	
Natural Resources Management	43	39	4
Subtotal	45	41	4
Watershed Protection Programs - Regulatory & Engineering Programs			
Management & Support	3	2	1
Compliance & Administration	4	4	
Wastewater Treatment Programs	10	10	
Stormwater Programs	16	16	
SSTS Compliance & Inspection	10	10	
WWTP Compliance & Inspection	6	6	
Subtotal	49	48	1
Watershed Protection Programs - Core Services			
Management & Support	1	1	
Budget	1	1	
Contracts	1	1	
Procurement	1	1	
Subtotal	4	4	0
Total Watershed Protection Programs	139	131	8
Planning			
Director - Planning	1	1	
Strategic Planning	2	2	
Capital Planning	14	13	1
Rondout West Branch Tunnel	4	3	1
Emergency Planning	3	3	
Total Planning	24	22	2
Management Services & Budget			
Director - Management Services & Budget	1	1	
Management & Support	1	1	
Employee Services	1	1	
Human Resources	16	9	7

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Facilities - Valhalla & Kingston	17	17	
Upstate Fleet Services, Fuels & Chemicals	16	15	1
Procurement & Expense	25	22	3
Total Management Services & Budget	77	66	11
Source Water Operations			
Director - Source Water Operations	1	1	
Management & Support	2	2	
Subtotal	3	3	0
Source Water Operations Compliance & Technical Services			
Hazmat & Spill Management	5	4	1
Subtotal	5	4	1
Instrumentation SCADA			
Instrumentation & SCADA	3	3	
Subtotal	3	3	0
Source Water Operations - Water Operations			
Management & Support	3	3	
Compliance & Procurement	7	7	
Hydroelectric	8	7	1
Shaft Maintenance	8	7	1
Grahamsville Region - Management & Support	1	1	
Grahamsville Region - Maintenance	22	20	2
Shokan Region - Management & Support	4	3	1
Shokan Region - Maintenance	37	36	1
Downsville Region - Management & Support	1	1	
Downsville Region - Maintenance	27	27	
Highlands Region - Management & Support	3	3	
Highlands Region - Maintenance	45	43	2
Engineering	2	2	
Subtotal	168	160	8
Source Water Operations - Engineering & Construction			

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Management & Support	2	2	
Engineering & Construction	19	17	2
Subtotal	21	19	2
Source Water Operations - Reservoir Operations			
Management	1	1	
Reservoir Operations	12	11	1
Watershed Monitoring & Operations Support	8	7	1
Subtotal	21	19	2
Source Water Operations - Wastewater			
Management & Support	6	6	
Wastewater Treatment Operations	40	39	1
Engineering & Tech Maintenance	12	12	
Subtotal	58	57	1
Total Source Water Operations	279	265	14
Water Treatment Operations			
Director - Water Treatment Operations	1	1	
Management & Support	0	0	
Subtotal	1	1	0
Water Treatment Operation North			
Management & Support	5	5	
Operations	47	44	3
Instrumentation & Controls	9	8	1
Engineering	5	3	2
Trades	28	27	1
Field Maintenance	10	10	0
Subtotal	104	97	7
Water Treatment Operation South			
Management & Support	4	3	1
Operations	82	74	8
Instrumentation & Controls	6	6	
Engineering	9	8	1

Program Description	Budgeted Positions	FY18 Filled Positions	Positions in Pipeline
Trades	27	24	3
Field Maintenance	16	13	3
Subtotal	144	128	16
Quality Assurance			
Management & Support	1	1	
Quality Assurance	19	16	3
Subtotal	20	17	3
Total Water Treatment Operations	269	243	26
Environmental Health & Safety			
Director - Environmental Health & Safety	1	1	
Management & Support	4	4	
Facilities Compliance	18	16	2
Project & Field Compliance	5	5	
Environmental Projects	5	5	
EH&S Core Services	8	8	
Total Environmental Health & Safety	41	39	2
Total Bureau of Water Supply	1300	1198	102
Percentage of Positions Filled = 92.2%			

Additional staff support for certain FAD Programs is provided by other units within DEP and the City including the Bureau of Engineering Design and Construction, the Bureau of Legal Affairs, the Office of Environmental Planning and Assessment, the Bureau of Public Affairs and the New York City Law Department.

Table 2. Vacancy Advertisements

Civil Service/Business Title	Division	Location	Date	Posted On
Electrical Engineer/ Electrical Engineer	Water Treatment Operations	UV Plant	12/5/17	AWWA.org IEEE.org

Table 3. FY18 FAD Capital Budget

Programs	Contractor	FY18 Payments	Open Contract Amounts	FY19 Budget ¹	FY20 Budget	FY21 Budget	FY22 Budget	Total Costs FY18-FY22	
Environmental Infrastructure									
3.4	WWTP Upgrade Program	Environmental Facilities Corp.	\$0	\$41,452,047	\$0	\$0	\$0	\$0	\$41,452,047
3.4	Capital Equipment Replacement Program ²	Multiple Agreements	\$1,195,840	\$6,009,308	\$26,200,000	\$0	\$0	\$0	\$33,405,148
3.2	New Sewage Treatment Infrastructure	Catskill Watershed Corp.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.3	Community Wastewater Management	Catskill Watershed Corp.	\$25,827,000	\$3,673,000	\$6,000,000	\$0	\$30,000,000	\$0	\$65,500,000
3.1	Sewer System Extension Program	Multiple with private contractors	\$535,069	\$1,349,106	\$0	\$0	\$0	\$0	\$1,884,175
3.5	Stormwater Retrofit WOH Program	Catskill Watershed Corp.	\$532,290	\$6,226,703	\$0	\$875,000	\$10,000,000	\$0	\$17,633,175
3.5	Future Stormwater Controls	Catskill Watershed Corp.	\$0	\$0	\$4,721,000	\$0	\$0	\$0	\$4,721,000
Protection/Remediation									
4.6	Flood Hazard Mitigation Program	Catskill Watershed Corp.	\$0	\$11,000,000	\$0	\$0	\$0	\$0	\$11,000,000
4.2	Land Acquisition Hard Costs ³	Watershed Landowners & Partnerships	\$10,143,730	\$9,458,681	\$19,585,000	\$0	\$80,205,000	\$30,151,000	\$149,543,411
4.2	Land Acquisition Soft Costs	Multiple Agreements	\$900,472	\$8,999,774	\$1,250,000	\$4,000,000	\$2,000,000	\$2,000,000	\$19,150,246
4.3	Land Management Program	Multiple Agreements	\$72,625	\$19,030	\$1,438,000	\$0	\$0	\$0	\$1,529,655
4.4	Watershed Agricultural & Forestry Program	Watershed Agricultural Council	\$4,909,123	\$2,676,437	\$20,050,000	\$26,000,000	\$10,000,000	\$0	\$63,635,560
4.6	Stream Management Program	Multiple Agreements	\$5,247,129	\$8,760,138	\$44,089,818	\$8,000,000	\$0	\$3,700,000	\$69,797,085
4.9	EOH Non-Point Source Control	Multiple with private contractors	\$0	\$0	\$6,051,000	\$22,647,000	\$0	\$0	\$28,698,000

¹ Budget values reflect the approved Executive Budget (April 2018). FY19 includes funding from FY18 that will rollover.

² Includes the Bedford Consolidation project in the Croton System.

³ Includes funding for purchases and partner contracts including the Streamside Acquisition Program, Forest Conservation Easement Program and Flood Buyout Program.

Programs		Contractor	FY18 Payments	Open Contract Amounts	FY19 Budget ¹	FY20 Budget	FY21 Budget	FY22 Budget	Total Costs FY18-FY22
4.10	Kensico Water Quality Programs	Multiple with private contractors	\$0	\$14,369,975	\$0	\$0	\$0	\$0	\$14,369,975
4.11	Catskill Turbidity Control - Operations Support Tool	Multiple with private contractors	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
4.11	Catskill Turbidity Control - Shaft 4	Multiple with private contractors	\$338,444	\$1,331,422	\$0	\$0	\$0	\$0	\$1,669,866
Watershed Monitoring, Modeling & GIS									
5.1	Watershed Monitoring	Multiple with private contractors	\$0	\$0	\$150,000	\$0	\$0	\$147,000	\$297,000
5.2	Modeling Program	Multiple with private contractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.3	Geographic Information System Program	Multiple Agreements	\$0	\$0	\$0	\$0	\$1,329,000	\$0	\$1,329,000
Totals			\$49,701,721	\$115,325,621	\$129,534,818	\$61,672,000	\$133,534,000	\$35,998,000	\$525,766,160

Table 4. FY18 FAD Expense Budget

Programs		Contractor	FY18 Disbursements	FY19	FY20	Total Costs FY18-FY20
SWTR Filtration Avoidance Criteria Requirements						
2.0	Watershed Program Expert Panel	NASEM	\$15,343	\$325,000	\$325,000	\$665,343
Environmental Infrastructure						
3.1	Septic and Sewer Programs	Catskill Watershed Corp.	\$5,400,000	\$17,200,000	\$8,200,000	\$30,800,000
3.2-3.4	WWTP O&M Programs	Multiple Purchases	\$15,957,862	\$18,308,992	\$18,308,992	\$52,575,846
3.5	Stormwater Programs	Catskill Watershed Corp.	\$488,449	\$800,000	\$800,000	\$2,088,449
	Catskill Watershed Corp. Operating Funds	Catskill Watershed Corp.	\$291,575	\$291,575	\$291,575	\$874,725
Protection/Remediation						
4.1	Waterfowl Management Program	HDR	\$1,512,527	\$1,600,475	\$1,600,475	\$4,713,477
4.2	Land Acquisition Program	Multiple Purchases	\$757,788	\$637,897	\$637,897	\$2,033,582
4.3	Land Management Program	Multiple Purchases	\$1,250,000	\$250,000	\$0	\$1,500,000
4.4-4.5	Watershed Agricultural & Forestry Program	WAC	\$7,101,568	\$7,439,378	\$7,439,378	\$21,980,324
4.6	Stream Management Program	Multiple SWCD	\$3,754,732	\$4,987,222	\$4,857,922	\$13,599,876
4.8	Ecosystem Protection	Multiple Purchases	\$27,848	\$1,050,000	\$1,050,000	\$2,127,848
4.9-4.10	EOH Nonpoint Source & Kensico Programs	Transit Construction Corp.	\$620,664	\$700,000	\$700,000	\$2,020,664
4.11	Catskill Turbidity Program	Multiple Contracts	\$288,338	\$200,000	\$0	\$488,338
Watershed Monitoring, Modeling & GIS						
5.1	Monitoring	Multiple Purchases	\$168,890	\$175,000	\$175,000	\$518,890
5.2	Modeling	Multiple Purchases	\$453,694	\$640,000	\$640,000	\$1,733,694
5.3	GIS	Multiple Purchases	\$346,999	\$400,086	\$400,086	\$1,147,171

Programs		Contractor	FY18 Disbursements	FY19	FY20	Total Costs FY18-FY20
Regulatory Program						
6.1	Delegation	Contracts with Westchester, Putnam & Ulster Counties	\$610,580	\$490,000	\$490,000	\$1,590,580
6.1	EOH Future Stormwater Controls	Multiple Purchases	\$118,287	\$100,000	\$100,000	\$318,287
In-City Programs						
8.1	WDRAP	NYC Dept. of Health	\$8,750	\$20,000	\$20,000	\$48,750
Education & Outreach						
10	Public Education	Catskill Watershed Corp.	\$200,000	\$225,000	\$225,000	\$650,000
Totals			\$39,373,895	\$55,840,625	\$46,261,325	\$141,475,845

Table 5. FAD Contract Status Report

Streamside Acquisition Program

Contract Information:

Description: CAT-435
This program provides funding for the Catskill Center to act as an agent for DEP, allowing the City to permanently acquire critical lands with riparian buffers.
Start Date: 07/15/2015
End Date: 07/13/2020

Budget Information:

Total Contract Cost:	\$5,000,000
Total payments as of 06/30/18:	\$1,671,708
Available Contract Balance:	\$3,328,292
Amounts in Reserve:	\$885,136*

Contract Actions:

The 2017 FAD calls for \$3 million to be added to the current contract within 18 months of the FAD being executed. A contract amendment is underway.

The 2017 FAD also requires an increase of \$8 million to be added within 18 months of a written determination to expand and extend the Program beyond the current pilot area (Schoharie Basin) following a formal evaluation to be completed by 12/15/2020. If it is decided to expand and extend the Program, the City will execute a new contract.

*Number based on estimates – have actuals only since 12/31/17 – no reconciliation yet.

CWC – Local Consultation Fund

Contract Information:

Description: CATWAT5
This program covers eligible costs to communities related to their review of the City’s proposed land acquisitions.
Start Date: 04/07/1997
End Date: 08/25/2026

Budget Information:

Total Contract Cost:	\$1,500,000
Total payments as of 06/30/18:	\$167,516
Available Contract Balance:	\$1,332,484
Amounts in Reserve:	\$0

Contract Actions:

A contract Amendment was registered on 02/15/2018 to increase the funding from \$30,000 to \$40,000 for each incorporated town and village and up to \$5,000 will be made available for municipalities to review the updated Town Level Assessments, as per the 2017 FAD.

CWC – Operating Funds

Contract Information:

Description: CAT-412

This program allows CWC to operate their organization and maintain their office building.

Start Date: 06/07/2012

End Date: 06/06/2019

Budget Information:

Total Contract Cost: \$2,041,025

Total payments as of 06/30/18: \$2,041,025

Available Contract Balance: \$0.00

Amounts in Reserve: \$613,260

Estimated Burn Rate per year: \$291,575

Funding Depleted by: 12/31/2020

Contract Actions:

DEP is planning to extend this contract with new funds to bridge the gap until the successor contract, CAT-486: CWC Operational Expenses IV, is negotiated by DEP and CWC. It is anticipated that CAT-486 will be registered in 2020 after CWC has updated cost estimates to operate the new CWC office building, which just completed its design phase and the construction contract has been awarded.

CWC - Community Wastewater Management Program III

Contract Information:

Description: DEL-392

This program allows CWC to administer funds to establish septic maintenance districts or construct community septic systems for communities identified in the MOA.

Start Date: 02/25/2014

End Date: 02/23/2024

Budget Information:

Total Contract Cost: \$29,500,000

Total payments as of 06/30/18: \$25,827,000

Available Contract Balance: \$3,673,000

Amounts in Reserve: \$0

Contract Actions:

DEP has met prior obligations of funding \$37,200,000 in earlier contracts. The current contract, DEL-392, will be amended to add \$8.6 million to reflect increased cost estimate of the remaining block grant. The amendment to add this funding was submitted to the ACCO's Office on 08/09/2018. Funding for the forthcoming Shokan project will be provided under a separate contract, CAT-483.

CWC - Future Stormwater Controls (MOA 128)

Contract Information:

Description: CAT-482 (MOA 128)

This program funds the design, construction, and maintenance of stormwater controls and individual residential stormwater plans located West of Hudson.

Start Date: Not Registered

Budget Information:

Total Anticipated Cost: \$4,720,869

Total payments as of 06/30/18: NA

Available Contract Balance: NA

End Date: Not Registered

Contract Actions:

The original Stormwater Controls contract, CATWAT3 (\$31.7 million), was registered at the time of the MOA and is closed. CWC has approximately \$14,152,883 remaining of those original funds after transferring approximately \$18 million of those funds to other CWC programs. The anticipated registration date for CAT-482 is approximately 03/01/2019 with an amount of \$4,720,869 required by the FAD.

CWC – Future Stormwater Controls (MOA 145)

Contract Information:

Description: CAT-449 (MOA 145)
This program funds the design and implementation of stormwater controls for new residences, small businesses and low-income housing both West of Hudson and East of Hudson.
Start Date: Not registered
End Date: Not registered

Budget Information:

Total Anticipated Cost: \$5,500,000
Total payments as of 06/30/18: NA
Available Contract Balance: NA

Contract Actions:

Anticipated registration date for CAT-449 is about 01/01/2019 in the amount of \$5,500,000 required by the FAD.

CWC – Local Flood Hazard Mitigation

Contract Information:

Description: CAT-442
This program allows CWC to work with watershed communities to review their towns' local flood assessments and determine any mitigation thereof.
Start Date: 06/01/2015
End Date: 05/29/2025

Budget Information:

Total Contract Cost: \$17,000,000
Total payments as of 06/30/18: \$5,400,000
Available Contract Balance: \$11,600,000
Amounts in Reserve: \$4,170,183
Estimated Burn Rate per year:
Funding Depleted by:

Contract Actions:

DEP currently anticipates that a successor contract will be needed prior to 2025.

CWC – Public Education Program

Contract Information:

Description: CAT-436

This program allows CWC to administer the public education program.

Start Date: 04/25/2014

End Date: 04/23/2021

Budget Information:

Total Contract Cost:	\$1,426,138
Total payments as of 06/30/18:	\$860,129
Available Contract Balance:	\$566,009
Amounts in Reserve:	\$40,553
Estimated Burn Rate per year:	\$200,000
Funding Depleted by:	06/30/2021

Contract Actions:

Since this contract does not end until 2021, no extensions or amendments are currently being negotiated or processed at this time.

CWC – Septic Maintenance Program

Contract Information:

Description: DEL-218

This program allows CWC to assist qualifying landowners in septic pump-outs throughout the WOH watershed.

Start Date: 07/15/2003

End Date: 07/14/2023

Budget Information:

Total Contract Cost:	\$1,500,000
Total payments as of 06/30/18:	\$1,500,000
Available Contract Balance:	\$0
Amounts in Reserve:	\$1,226,583
Estimated Burn Rate per year:	\$55,000
Funding Depleted by:	06/30/2027

Contract Actions:

An Amendment to extend the contract term to 07/14/2023 and expand eligibility for the program was registered on 02/23/2018. It is anticipated that expanded eligibility may increase the program burn rate.

CWC - Septic Repair III, IV and V

Contract Information:

Description: CAT-415

This program allows CWC to repair eligible septic systems in the WOH watershed.

Start Date: 07/21/2008

End Date: 07/19/2018

Budget Information:

Total Contract Cost: \$46,800,000

Total payments as of 06/30/18: \$35,824,466

Available Contract Balance: \$10,975,534

Amounts in Reserve: \$7,191,928

Estimated Burn Rate per year: \$7,200,000

Funding Depleted by: 06/30/2020*

Contract Actions:

Septic III (CAT-355) was extended in FY18 until 07/19/2023. The balance of CAT-355 is approximately \$5.5 million and is not shown in the Reserve Amount above. CAT-415 (Septic Repair IV) is currently active and the successor contract (CAT-484: Septic Repair V) is currently being negotiated by CWC and the City, with an anticipated registration date on or about 06/30/2019.

*CWC needs to maintain approximately one year of program funding on hand in order to sign new participants into the program. As such, CWC will need new funding by 12/30/2019.

CWC – Stormwater Retrofit

Contract Information:

Description: CATWAT9 & CAT-414

This program addresses existing stormwater runoff issues through the planning, design, and construction of stormwater retrofits.

Start Date: 04/23/1997,
02/25/2014

End Date: 04/23/2022,
02/22/2024

Budget Information:

Total Contract Cost (CATWAT9): \$17,548,050

Total payments as of 06/30/18: \$15,613,205

Available Contract Balance: \$1,934,845

Amounts in Reserve: \$929,825*

Total Contract Cost (CAT-414): \$7,056,000

Total Payments as of 06/30/18: \$1,517,311

Available Contract Balance: \$5,538,689

Amounts in Reserve: \$897,497

Contract Actions:

There are currently two contracts open for the Stormwater Retrofit program. CATWAT9 is active with a total cost of \$17,548,050. The expense and capital portions of this contract have been extended through 04/23/2022. The successor contract (CAT-414) is an active contract that expires 02/22/2024.

EOH/Kensico Septic Rehabilitation & Reimbursement Program (EFC)

Contract Information:

Description: CRO-495

This program assists with the construction and maintenance of septic

Budget Information:

Total Contract Cost: \$2,800,000

Total payments as of 06/30/18: \$2,800,000

systems in the EOH and Kensico Basins.	Available Contract Balance:	\$0
	Amounts in Reserve:	\$2,306,268
Start Date:	01/05/2009	
End Date:	01/05/2020	

Contract Actions:

This contract was amended in FY18 to change the end date of the contract term from 01/05/2018 to 01/05/2020. The Amendment registered on 04/04/2018.

Ashokan Stream Management Program (CCE)

Contract Information:

Description: CAT-437
 This program allows Cornell Cooperative Extension (CCE) to develop and implement stream management plans in the Ashokan Basin.
 Start Date: 09/01/2014
 End Date: 08/31/2019

Budget Information:

Total Contract Cost: \$6,266,952
 Total payments as of 06/30/18: \$5,001,179
 Available Contract Balance: \$1,265,773
 Amounts in Reserve: \$1,839,495

Contract Actions:

The successor contract, CAT-493, is currently being negotiated by DEP and CCE of Ulster County. If necessary, a time extension for CAT-437 will be submitted to ensure program continuity.

Ashokan Stream Management Program (SWCD)

Contract Information:

Description: CAT-446
This program allows the Ulster County Soil & Water Conservation District (SWCD) to develop and implement stream management plans in the Ashokan Basin.
Start Date: 04/01/2015
End Date: 03/31/2020

Budget Information:

Total Contract Cost:	\$7,453,818
Total payments as of 06/30/18:	\$4,976,925
Available Contract Balance:	\$2,476,893
Amounts in Reserve:	\$2,229,449

Contract Actions:

The successor contract, CAT-494, is currently being negotiated by DEP and Ulster County SWCD. If necessary, a time extension for CAT-446 will be submitted to ensure program continuity.

Delaware Stream Management Program (SWCD)

Contract Information:

Description: DEL-406
This program allows the Delaware County Soil & Water Conservation District (SWCD) to develop and implement stream management plans in the Delaware Basin.
Start Date: 10/01/2014
End Date: 9/30/2019

Budget Information:

Total Contract Cost:	\$13,326,000
Total payments as of 06/30/18:	\$9,514,791
Available Contract Balance:	\$3,811,209
Amounts in Reserve:	\$3,874,858

Contract Actions:

The successor contract, CAT-436, is currently being negotiated by DEP and Delaware County SWCD. If necessary, a time extension for DEL-406 will be submitted to ensure program continuity.

Rondout-Neversink Stream Management Program (SWCD)

Contract Information:

Description: CAT-443
This program allows the Sullivan County Soil & Water Conservation District (SWCD) to develop and implement stream management plans in the Rondout-Neversink Basin.
Start Date: 03/01/2015

Budget Information:

Total Contract Cost:	\$6,569,618
Total payments as of 06/30/18:	\$3,414,122
Available Contract Balance:	\$3,155,496
Amounts in Reserve:	\$1,697,667

End Date: 02/20/2020

Contract Actions:

The successor contract, CAT-495, is currently being negotiated by DEP and Sullivan County SWCD. If necessary, a time extension for CAT-443 will be submitted to ensure program continuity.

Schoharie Stream Management Program (SWCD)

Contract Information:

Budget Information:

Description: CAT-444	Total Contract Cost:	\$12,881,546
This program allows the Greene County Soil & Water Conservation District (SWCD) to develop and implement stream management plans in the Schoharie Basin.	Total payments as of 06/30/18:	\$5,666,776
	Available Contract Balance:	\$7,214,770
	Amounts in Reserve:	\$828,875
Start Date: 04/01/2015		
End Date: 03/30/2020		

Contract Actions:

The successor contract, CAT-496, is currently being negotiated by DEP and Schoharie County SWCD. If necessary, a time extension for CAT-444 will be submitted to ensure program continuity.

WAC Agricultural & Forestry Program

Contract Information:

Budget Information:

Description: CAT-433	Total Contract Cost:	\$53,245,910
This program allows WAC to continue to engage farmers and forest landowners to promote the stewardship of family farms and sustainable forests in the Watershed.	Total payments as of 06/30/18:	\$46,753,560
	Available Contract Balance:	\$6,492,350
	Amounts in Reserve:	\$6,817,875
Start Date: 01/01/2014		
End Date: 12/31/2018		

Contract Actions:

Due to negotiations on the successor contract (CAT-487) taking longer than anticipated, the successor contract, CAT-487, was submitted to the ACCO's Office 07/06/18. Since the City anticipates CAT-487 registering in early to mid-2019, an Amendment for time has been submitted for CAT-433 to allow sufficient time for CAT-487 to register. Amendment #3 to CAT-433 is anticipated to register by 11/30/19.

WAC Farm & Forestry Easement Program

Contract Information:

Description: CAT-403

This program allows WAC to acquire conservation easements on watershed farms and forest lands.

Start Date: 06/27/2013

End Date: 12/31/2020

Budget Information:

Total Contract Cost:	\$29,000,000
Total payments as of 06/30/18:	\$14,946,678
Available Contract Balance:	\$14,053,322
Amount in Reserve:	\$2,191,406

Contract Actions:

The 2017 FAD requires the City to execute and register a contract or contract amendment with WAC by 03/31/2020 to provide \$11 million to continue the WAC Farm Easement Program. A new program contract is currently being negotiated with WAC to fulfill this requirement.

The 2017 FAD also requires \$8 million to be added within 18 months of a written determination to extend the Forestry Easement Pilot Program following a formal evaluation to be completed by 12/15/2020. The new WAC contract currently being negotiated will contain a provision that allows this \$8 million to be made available if determination is made to extend the program; if a determination is made earlier, the City will need to amend the current contract to add the additional funds.