

DPW Utilities Division – Stormwater Service

Mission

To reduce water pollution and avoid flooding through Stormwater infrastructure maintenance and improvements.

The Stormwater Division of the Public Works Department works to protect the environment and minimize flooding by reducing and improving the quality of stormwater runoff into the Charles River watershed. As rain falls upon streets, sidewalks, buildings or other man-made structures, the water becomes polluted and then runs off into ponds, rivers, or other water sources. Mitigating stormwater runoff is paramount to the long-term sustainability of local waterways, including the Charles River, and is required by federal law. Protecting against flooding is increasingly important as the intensity of rain in short periods increases.

The City of Newton prides itself on having one of the most proactive stormwater management plans in the Commonwealth and our goal is to continue being a leader. As environmental factors are rapidly evolving, the Stormwater Division will continue to be proactive in facing the increased demands, mandated requirements, and changes to the way we manage stormwater.

Stormwater Division

Fiscal Year 2025 Outcomes and Strategies

Outcome 1

Provide Regulatory Compliance with Federal MS4 Stormwater Regulations

Reducing pollution from stormwater runoff, finding and removing illicit discharges into our storm sewer drainage system, and maintaining of our stormwater system are top priorities for the Stormwater Division. In FY2025, we will continue with the Illicit Discharge and Detection Elimination (IDDE)

Investigations Program which investigates our drainage infrastructure for source(s) of illicit discharge. We then take corrective actions, resulting in cleaner water going into our drainage system and discharging to our streams, ponds and/or the Charles River.

With the completion of Phase 1 of the Citywide Phosphorus Control Plan, the next steps in FY2025 are to prioritize and plan projects for the short, medium, and long term to meet the requirements of Newton's Plan. The projects include both structural and non-structural methods to reduce our phosphorus load discharging to the Charles River.

Additional initiatives include year-round street sweeping, catch basin cleaning with metric-tracking, developing standard operating procedures for operations, regular inspections of our DPW yards, stormwater pollution prevention plans, public education, and outreach.

In FY2025, the Stormwater Division will continue planning and implementing two major capital initiatives, as well as updating the Stormwater Infrastructure Improvement Plan to reprioritize and develop plans to help alleviate localized flooding as a result of heavy rains that have increased over the past few years.

Outcome 2

Continue Major Stormwater Capital Infrastructure Projects

The first major project, the City Hall Ponds, is underway and will remove approximately 3,600 cubic yards of sediment from the three inter-connected ponds.

The second major project is addressing the safety of the Bullough's Pond Dam, DPW is continuing with the design and permit process to address deficiencies identified in recent inspections of the Bullough's Pond Dam and comply with the State's Dam Safety Order. DPW will continue to get feedback from members of the Bullough's Pond Dam Working Group as it develops a recommended plan for rehabilitation of the dam that meets the requirements of the Massachusetts Office of Dam Safety to ensure we have a safe and compliant dam.

Stormwater Division

Fiscal Year 2025 Outcomes and Strategies

Outcome 3

Continue Implementing Long-Term Stormwater Strategy

We will continue implementing our long-term stormwater strategy.

One initiative is to continue to advance the work in the Crystal Lake Watershed Management Plan, including in-lake monitoring and phosphorus inactivation

treatment as needed.

In addition, a second initiative is upgrading our salt spreader controls on our City vehicles to closely monitor and control salt output during winter weather events.

We are working with the Planning Department to update the City's Floodplain Ordinance, as we approach the fifth year of the original plan.

We are also participating in a regional planning project, "Building Resilience Across the Charles River," funded by the State's Municipal Vulnerability Grant Program.

Outcome 4

Oversee Floodplain Management & Support Climate Resiliency

FUND: 6200 - STORM WATER FUND OPER
DEPARTMENT: ALL DEPARTMENTS

CITY OF NEWTON BUDGET
FUNCTIONAL ELEMENT SUMMARY

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	PROPOSED 2025	CHANGE 2024 to 2025	% CHANGE
104 - COMPTROLLER							
62A10490 - TRANSFER TO OTHER FUNDS	752,000	1,135,990	808,674	836,000	868,604	32,604	4%
62A10491 - CONTRIBUTORY RETIREMEN	106,198	120,943	131,726	142,973	146,997	4,024	3%
62A10492 - WORKERS COMPENSATION	100,000	100,000	100,000	100,000	100,000	0	0%
62A10498 - BUDGETED RESERVES	0	0	0	1,050,000	1,731,418	681,418	65%
TOTAL DEPARTMENT 104	958,198	1,356,933	1,040,400	2,128,973	2,847,019	718,046	34%
107 - TREASURY							
62A10771 - BOND MATURITIES	250,000	255,000	255,000	326,300	326,300	0	0%
62A10772 - INTEREST ON BONDS	170,437	159,037	146,487	167,545	167,545	0	0%
TOTAL DEPARTMENT 107	420,437	414,037	401,487	493,845	493,845	0	0%
108 - LAW							
62A10841 - LEGAL CLAIMS/SETTLEMENT		20,264	0	0	0	0	0%
TOTAL DEPARTMENT 108		20,264	0	0	0	0	0%
401 - PUBLIC WORKS							
62A40101 - STORM WATER SYSTEM MAI	1,149,403	1,384,755	1,472,515	1,918,005	2,220,544	302,539	16%
62B40119 - BULLOUGHES POND PH 2	83,250	0	0	0	0	0	0%
TOTAL DEPARTMENT 401	1,232,653	1,384,755	1,472,515	1,918,005	2,220,544	302,539	16%
TOTAL FUND 6200	2,611,288	3,175,989	2,914,402	4,540,823	5,561,408	1,020,585	22%

FUND: 6200 - STORM WATER FUND OPER
DEPARTMENT: ALL DEPARTMENTS

CITY OF NEWTON BUDGET
DEPARTMENT LEGAL LEVEL OF CONTROL

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
COMPTROLLER SUMMARY						
52 - EXPENSES	100,000	100,000	100,000	1,150,000	1,831,418	681,418
59 - TRANS TO OTHER FUND	752,000	1,135,990	808,674	836,000	868,604	32,604
57 - FRINGE BENEFITS	106,198	120,943	131,726	142,973	146,997	4,024
TOTAL DEPARTMENT	958,198	1,356,933	1,040,400	2,128,973	2,847,019	718,046
TRANSFER TO OTHER FUNDS						
59 - TRANS TO OTHER FUND	752,000	1,135,990	808,674	836,000	868,604	32,604
TOTAL TRANSFER TO OTHER FUNDS	752,000	1,135,990	808,674	836,000	868,604	32,604
CONTRIBUTORY RETIREMENT						
57 - FRINGE BENEFITS	106,198	120,943	131,726	142,973	146,997	4,024
TOTAL CONTRIBUTORY RETIREMENT	106,198	120,943	131,726	142,973	146,997	4,024
WORKERS COMPENSATION						
52 - EXPENSES	100,000	100,000	100,000	100,000	100,000	0
TOTAL WORKERS COMPENSATION	100,000	100,000	100,000	100,000	100,000	0
BUDGETED RESERVES						
52 - EXPENSES	0	0	0	1,050,000	1,731,418	681,418
TOTAL BUDGETED RESERVES	0	0	0	1,050,000	1,731,418	681,418
TREASURY SUMMARY						
5D - DEBT SERVICE	420,437	414,037	401,487	493,845	493,845	0
TOTAL DEPARTMENT	420,437	414,037	401,487	493,845	493,845	0
BOND MATURITIES						
5D - DEBT SERVICE	250,000	255,000	255,000	326,300	326,300	0
TOTAL BOND MATURITIES	250,000	255,000	255,000	326,300	326,300	0
INTEREST ON BONDS						
5D - DEBT SERVICE	170,437	159,037	146,487	167,545	167,545	0
TOTAL INTEREST ON BONDS	170,437	159,037	146,487	167,545	167,545	0

CITY OF NEWTON BUDGET DEPARTMENT LEGAL LEVEL OF CONTROL
--

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
LAW SUMMARY						
52 - EXPENSES		20,264	0	0	0	0
TOTAL DEPARTMENT		20,264	0	0	0	0
LEGAL CLAIMS/SETTLEMENTS						
52 - EXPENSES		20,264	0	0	0	0
TOTAL LEGAL CLAIMS/SETTLEMENTS		20,264	0	0	0	0
PUBLIC WORKS SUMMARY						
51 - PERSONNEL SERVICES	663,526	731,787	598,677	880,135	886,825	6,690
52 - EXPENSES	368,267	541,903	711,340	843,450	1,118,450	275,000
58 - CAPITAL EXPENSES	44,961	29,355	65,000	100,940	100,940	0
57 - FRINGE BENEFITS	72,649	81,710	97,498	93,480	114,329	20,849
TOTAL DEPARTMENT	1,149,403	1,384,755	1,472,515	1,918,005	2,220,544	302,539
STORM WATER SYSTEM MAINT.						
51 - PERSONNEL SERVICES	663,526	731,787	598,677	880,135	886,825	6,690
52 - EXPENSES	368,267	541,903	711,340	843,450	1,118,450	275,000
58 - CAPITAL EXPENSES	44,961	29,355	65,000	100,940	100,940	0
57 - FRINGE BENEFITS	72,649	81,710	97,498	93,480	114,329	20,849
TOTAL STORM WATER SYSTEM MAIN	1,149,403	1,384,755	1,472,515	1,918,005	2,220,544	302,539

FUND: 6200 - STORM WATER FUND OPER
DEPARTMENT: ALL DEPARTMENTS

**CITY OF NEWTON BUDGET
DEPARTMENTAL DETAIL**

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
104 - COMPTROLLER						
62A10490 - TRANSFER TO OTHER FUNDS						
TRANS TO OTHER FUND						
590001 TRANS TO-GENERAL FUN	752,000	815,820	808,674	836,000	868,604	32,604
597212 TRANS TO-CHEESECAKE		181,550	0	0	0	0
597213 TRANS TO- BULLOUGH'S P		138,620	0	0	0	0
TOTAL TRANS TO OTHER FUND	752,000	1,135,990	808,674	836,000	868,604	32,604
TOTAL TRANSFER TO OTHER FUNDS	752,000	1,135,990	808,674	836,000	868,604	32,604
62A10491 - CONTRIBUTORY RETIREMENT						
FRINGE BENEFITS						
570700 NCRS PENSION CONTB	106,198	120,943	131,726	142,973	146,997	4,024
TOTAL FRINGE BENEFITS	106,198	120,943	131,726	142,973	146,997	4,024
TOTAL CONTRIBUTORY RETIREMENT	106,198	120,943	131,726	142,973	146,997	4,024
62A10492 - WORKERS COMPENSATION						
EXPENSES						
575007 WORKERS COMP INSURA	100,000	100,000	100,000	100,000	100,000	0
TOTAL EXPENSES	100,000	100,000	100,000	100,000	100,000	0
TOTAL WORKERS COMPENSATION	100,000	100,000	100,000	100,000	100,000	0
62A10498 - BUDGETED RESERVES						
EXPENSES						
579000 CURRENT YEAR RESERVE	0	0	0	1,050,000	1,731,418	681,418
TOTAL EXPENSES	0	0	0	1,050,000	1,731,418	681,418
TOTAL BUDGETED RESERVES	0	0	0	1,050,000	1,731,418	681,418
TOTAL COMPTROLLER	958,198	1,356,933	1,040,400	2,128,973	2,847,019	718,046

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
--

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
107 - TREASURY						
62A10771 - BOND MATURITIES						
DEBT SERVICE						
581B07 STORM DRNG IMPV - 2016	25,000	30,000	30,000	30,000	30,000	0
581B11 LAUNDRY BRK CULV 12/17	115,000	115,000	115,000	115,000	115,000	0
581B12 FOREST GROVE PUMP 2/1	25,000	25,000	25,000	25,000	25,000	0
581B13 HAMMOND BRK CULV 2/19	20,000	20,000	20,000	20,000	20,000	0
581B18 LIBRARY PARKING LOT ST			0	71,300	71,300	0
581C32 CRAFTS ST INTR SUPP 2/1	35,000	35,000	35,000	35,000	35,000	0
581I28 DPW SWEEPER - 2017	20,000	20,000	20,000	20,000	20,000	0
581I37 ELGIN STREET SWEEPER	10,000	10,000	10,000	10,000	10,000	0
TOTAL DEBT SERVICE	250,000	255,000	255,000	326,300	326,300	0
TOTAL BOND MATURITIES	250,000	255,000	255,000	326,300	326,300	0
62A10772 - INTEREST ON BONDS						
DEBT SERVICE						
582B07 STORM DRAINAGE - 2016	25,400	24,150	22,650	21,450	21,450	0
582B11 LAUNDRY BRK CILV 12/17	89,125	83,375	77,625	71,875	71,875	0
582B12 FOREST GROVE PUMP 2/1	13,000	12,650	11,400	10,150	10,150	0
582B13 HAMMOND BRK CULV 2/19	12,400	11,400	10,400	9,400	9,400	0
582B18 LIBRARY PARKING LOT ST			0	33,308	33,308	0
582C32 CRAFTS ST INTR SUPP 2/1	20,850	19,100	17,350	15,600	15,600	0
582I28 DPW SWEEPER - 2017	5,912	5,112	4,312	3,512	3,512	0
582I37 ELGIN STREET SWEEPER	3,750	3,250	2,750	2,250	2,250	0
TOTAL DEBT SERVICE	170,437	159,037	146,487	167,545	167,545	0
TOTAL INTEREST ON BONDS	170,437	159,037	146,487	167,545	167,545	0
TOTAL TREASURY	420,437	414,037	401,487	493,845	493,845	0

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
--

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
108 - LAW						
62A10841 - LEGAL CLAIMS/SETTLEMENTS						
EXPENSES						
572500 CLAIMS/SETTLEMENTS		20,264	0	0	0	0
TOTAL EXPENSES		20,264	0	0	0	0
TOTAL LEGAL CLAIMS/SETTLEMENTS		20,264	0	0	0	0
TOTAL LAW		20,264	0	0	0	0

**CITY OF NEWTON BUDGET
DEPARTMENTAL DETAIL**

		ACTUAL	ACTUAL	ACTUAL	ORIGINAL	RECOMMENDED	CHANGE
		2021	2022	2023	2024	2025	2024 to 2025
401 - PUBLIC WORKS							
62A40101 - STORM WATER SYSTEM MAINT.							
PERSONNEL SERVICES							
511001	FULL TIME SALARIES	99,447	102,812	9,619	103,534	71,232	-32,302
511002	FULL TIME WAGES	464,231	483,654	416,142	656,934	695,926	38,992
511005	DPW LABOR WORK FOR O	7,441	0	588	10,000	10,000	0
511101	PART TIME < 20 HRS/WK	0	0	1,805	0	0	0
513010	REGULAR OVERTIME	64,373	112,334	106,157	77,250	77,250	0
513040	WORK BY OTHER DEPTS.	8,883	12,881	10,743	15,000	15,000	0
514001	LONGEVITY	8,889	8,056	6,017	7,917	7,917	0
514005	WORKING OUT OF GRADE	107	618	4,212	0	0	0
514008	STAND-BY-PAY	1,065	0	19,915	0	0	0
514321	PROMPTNESS PAY STIPE	590	766	3,108	0	0	0
515003	SPECIAL LEAVE BUY BACK	0	0	293	0	0	0
515006	VACATION BUY BACK	0	3,166	12,579	0	0	0
515101	CLOTHING ALLOWANCE	8,500	7,500	7,500	9,500	9,500	0
TOTAL PERSONNEL SERVICES		663,526	731,787	598,677	880,135	886,825	6,690
EXPENSES							
521000	ELECTRICITY	2,221	2,995	3,000	3,000	3,000	0
524030	MOTOR VEHICLE R-M	22,405	15,824	5,199	10,000	10,000	0
529230	CLEANING-CATCH BASINS	166,268	174,154	231,992	250,000	520,000	270,000
530100	CONSULTANTS	6,750	0	0	20,000	20,000	0
530203	ENGINEERING SERVICES	101,479	99,558	203,138	325,000	325,000	0
531900	TRAINING EXPENSES	1,494	1,479	2,229	5,000	10,000	5,000
539000	POLICE PRIVATE DETAIL S	2,664	2,834	3,177	3,000	3,000	0
539300	NAT POLLUT DISCH ELIM S	0	191,635	170,958	150,000	150,000	0
543200	SMALL TOOLS	0	0	0	2,500	2,500	0
548400	VEHICLE REPAIR PARTS	6,207	8,232	3,697	10,000	10,000	0
553000	CONSTRUCTION SUPPLIE	56,944	44,654	84,659	60,000	60,000	0
558100	UNIFORMS/PROTECTIVE	0	0	1,124	1,200	1,200	0
558500	COMPUTER SUPPLIES	1,259	0	2,168	2,000	2,000	0
559200	BOOKS/MANUALS/PERIODI	141	154	0	500	500	0
571100	IN-STATE CONFERENCES	185	385	0	750	750	0
573000	DUES & SUBSCRIPTIONS	250	0	0	500	500	0
TOTAL EXPENSES		368,267	541,903	711,340	843,450	1,118,450	275,000
FRINGE BENEFITS							
57DENT	DENTAL INSURANCE	2,592	2,193	1,814	1,917	1,800	-117
57HLTH	HEALTH INSURANCE	58,579	64,991	80,449	71,061	93,775	22,714
57LIFE	BASIC LIFE INSURANCE	255	248	237	255	268	13
57MEDA	MEDICARE PAYROLL TAX	8,701	10,248	7,825	11,322	11,350	28
57OPEB	OPEB CONTRIBUTION	2,522	4,029	7,173	8,925	7,136	-1,789
TOTAL FRINGE BENEFITS		72,649	81,710	97,498	93,480	114,329	20,849
CAPITAL EXPENSES							
586004	STORM DRAINAGE SYSTE	44,961	29,355	65,000	100,940	100,940	0
TOTAL CAPITAL EXPENSES		44,961	29,355	65,000	100,940	100,940	0

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
--

	ACTUAL 2021	ACTUAL 2022	ACTUAL 2023	ORIGINAL 2024	RECOMMENDED 2025	CHANGE 2024 to 2025
TOTAL STORM WATER SYSTEM MAINT.	1,149,403	1,384,755	1,472,515	1,918,005	2,220,544	302,539
62B40119 - BULLOUGHS POND PH 2						
EXPENSES						
530203 ENGINEERING SERVICES	83,250	0	0	0	0	0
TOTAL EXPENSES	83,250	0	0	0	0	0
TOTAL BULLOUGHS POND PH 2	83,250	0	0	0	0	0
TOTAL PUBLIC WORKS	1,232,653	1,384,755	1,472,515	1,918,005	2,220,544	302,539