

# 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 protects the environment and prevents 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.

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 2024 Outcomes and Strategies

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### Outcome 1

#### Provide Regulatory Compliance with MS4 Permit

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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.

We will complete Phase 1 of the Citywide Phosphorus Control Plan to provide us with a framework of structural and non-structural methods to reduce our phosphorus load discharging to the Charles River. We will then prioritize and plan projects for the short and long-term.

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.

Reducing pollution from stormwater runoff, finding, and removing illicit discharges into our storm sewer drainage system is a top priority for the Stormwater Division. In FY2024, we will continue with the Illicit Discharge and Detection Elimination (IDDE) Investigations Program which investigates

In FY24, the Stormwater Division will continue planning and implementing two major capital initiatives.

One project will remove approximately 3,600 cubic yards of sediment from the three inter-connected City Hall Ponds.

DPW is continuing with another major project to design and permit a process to address deficiencies identified in recent inspections of the Bullough's Pond Dam. The engineering consultant and DPW will work with the Bullough's Pond Dam Working Group to develop and implement a plan for rehabilitation of the dam that meets the requirements of the Massachusetts Office of Dam Safety and the needs of the community.

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### Outcome 2

#### Complete Major Stormwater Capital Projects

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# Stormwater Division

## Fiscal Year 2024 Outcomes and Strategies

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### Outcome 3

#### Continue Implementing Long-Term Stormwater Strategy

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We will continue to advance the work in the Crystal Lake Watershed Management Plan, including in-lake monitoring and phosphorus inactivation treatment as needed.

In addition, we will be upgrading our salt spreader controls on our City vehicles to closely monitor and control salt output during winter weather events.

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We anticipate working with the Planning Department to update the City's Floodplain Ordinance, as required.

We are participating in a regional planning project called "Building Resilience across the Charles River." Funded by the State's Municipal Vulnerability Grant Program.

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### Outcome 4

#### Oversee Floodplain Management & Support Climate Resiliency

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

CITY OF NEWTON BUDGET  
DEPARTMENT LEGAL LEVEL OF CONTROL

	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>COMPTROLLER SUMMARY</b>						
52 - EXPENSES	100,000	100,000	100,000	850,000	1,150,000	300,000
59 - TRANS TO OTHER FUND	692,940	752,000	1,135,990	808,674	836,000	27,326
57 - FRINGE BENEFITS	97,405	106,198	120,943	126,868	142,973	16,105
<b>TOTAL DEPARTMENT</b>	<b>890,345</b>	<b>958,198</b>	<b>1,356,933</b>	<b>1,785,542</b>	<b>2,128,973</b>	<b>343,431</b>
<b>TRANSFER TO OTHER FUNDS</b>						
59 - TRANS TO OTHER FUND	692,940	752,000	1,135,990	808,674	836,000	27,326
<b>TOTAL TRANSFER TO OTHER FUNDS</b>	<b>692,940</b>	<b>752,000</b>	<b>1,135,990</b>	<b>808,674</b>	<b>836,000</b>	<b>27,326</b>
<b>CONTRIBUTORY RETIREMENT</b>						
57 - FRINGE BENEFITS	97,405	106,198	120,943	126,868	142,973	16,105
<b>TOTAL CONTRIBUTORY RETIREMENT</b>	<b>97,405</b>	<b>106,198</b>	<b>120,943</b>	<b>126,868</b>	<b>142,973</b>	<b>16,105</b>
<b>WORKERS COMPENSATION</b>						
52 - EXPENSES	100,000	100,000	100,000	100,000	100,000	0
<b>TOTAL WORKERS COMPENSATION</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>
<b>BUDGETED RESERVES</b>						
52 - EXPENSES	0	0	0	750,000	1,050,000	300,000
<b>TOTAL BUDGETED RESERVES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>	<b>1,050,000</b>	<b>300,000</b>
<b>TREASURY SUMMARY</b>						
5D - DEBT SERVICE	440,060	420,437	414,037	401,487	493,845	92,358
<b>TOTAL DEPARTMENT</b>	<b>440,060</b>	<b>420,437</b>	<b>414,037</b>	<b>401,487</b>	<b>493,845</b>	<b>92,358</b>
<b>BOND MATURITIES</b>						
5D - DEBT SERVICE	258,000	250,000	255,000	255,000	326,300	71,300
<b>TOTAL BOND MATURITIES</b>	<b>258,000</b>	<b>250,000</b>	<b>255,000</b>	<b>255,000</b>	<b>326,300</b>	<b>71,300</b>
<b>INTEREST ON BONDS</b>						
5D - DEBT SERVICE	182,060	170,437	159,037	146,487	167,545	21,058
<b>TOTAL INTEREST ON BONDS</b>	<b>182,060</b>	<b>170,437</b>	<b>159,037</b>	<b>146,487</b>	<b>167,545</b>	<b>21,058</b>

<b>CITY OF NEWTON BUDGET DEPARTMENT LEGAL LEVEL OF CONTROL</b>
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	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>LAW SUMMARY</b>						
52 - EXPENSES			20,264	0	0	0
<b>TOTAL DEPARTMENT</b>			<b>20,264</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LEGAL CLAIMS/SETTLEMENTS</b>						
52 - EXPENSES			20,264	0	0	0
<b>TOTAL LEGAL CLAIMS/SETTLEMENTS</b>			<b>20,264</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PUBLIC WORKS SUMMARY</b>						
51 - PERSONNEL SERVICES	638,899	663,526	731,787	886,971	880,135	-6,836
52 - EXPENSES	625,340	451,517	541,903	843,450	843,450	0
58 - CAPITAL EXPENSES	111,400	44,961	29,355	100,000	100,940	940
57 - FRINGE BENEFITS	84,916	72,649	81,710	93,932	93,480	-452
<b>TOTAL DEPARTMENT</b>	<b>1,460,555</b>	<b>1,232,653</b>	<b>1,384,755</b>	<b>1,924,353</b>	<b>1,918,005</b>	<b>-6,348</b>
<b>STORM WATER SYSTEM MAINT.</b>						
51 - PERSONNEL SERVICES	638,899	663,526	731,787	886,971	880,135	-6,836
52 - EXPENSES	614,340	368,267	541,903	843,450	843,450	0
58 - CAPITAL EXPENSES	111,400	44,961	29,355	100,000	100,940	940
57 - FRINGE BENEFITS	84,916	72,649	81,710	93,932	93,480	-452
<b>TOTAL STORM WATER SYSTEM MAIN</b>	<b>1,449,555</b>	<b>1,149,403</b>	<b>1,384,755</b>	<b>1,924,353</b>	<b>1,918,005</b>	<b>-6,348</b>
<b>BULLOUGHS POND PH 2</b>						
52 - EXPENSES	11,000	83,250	0	0	0	0
<b>TOTAL BULLOUGHS POND PH 2</b>	<b>11,000</b>	<b>83,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

CITY OF NEWTON BUDGET  
DEPARTMENTAL DETAIL

	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>104 - COMPTROLLER</b>						
<b>62A10490 - TRANSFER TO OTHER FUNDS</b>						
<b>TRANS TO OTHER FUND</b>						
590001 TRANS TO-GENERAL FUN	692,940	752,000	815,820	808,674	836,000	27,326
597210 TRNS TO- VACUUM ST CL	315,000	0	0	0	0	0
597211 TRANS TO- CH POND AND	500,000	0	0	0	0	0
597212 TRANS TO-CHEESECAKE			181,550	0	0	0
597213 TRANS TO- BULLOUGH S			138,620	0	0	0
<b>TOTAL TRANS TO OTHER FUND</b>	<b>1,507,940</b>	<b>752,000</b>	<b>1,135,990</b>	<b>808,674</b>	<b>836,000</b>	<b>27,326</b>
<b>TOTAL TRANSFER TO OTHER FUNDS</b>	<b>1,507,940</b>	<b>752,000</b>	<b>1,135,990</b>	<b>808,674</b>	<b>836,000</b>	<b>27,326</b>
<b>62A10491 - CONTRIBUTORY RETIREMENT</b>						
<b>FRINGE BENEFITS</b>						
570700 NCRS PENSION CONTB	97,405	106,198	120,943	126,868	142,973	16,105
<b>TOTAL FRINGE BENEFITS</b>	<b>97,405</b>	<b>106,198</b>	<b>120,943</b>	<b>126,868</b>	<b>142,973</b>	<b>16,105</b>
<b>TOTAL CONTRIBUTORY RETIREMENT</b>	<b>97,405</b>	<b>106,198</b>	<b>120,943</b>	<b>126,868</b>	<b>142,973</b>	<b>16,105</b>
<b>62A10492 - WORKERS COMPENSATION</b>						
<b>EXPENSES</b>						
575007 WORKERS COMP INSURA	100,000	100,000	100,000	100,000	100,000	0
<b>TOTAL EXPENSES</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>
<b>TOTAL WORKERS COMPENSATION</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>
<b>62A10498 - BUDGETED RESERVES</b>						
<b>EXPENSES</b>						
579000 CURRENT YEAR RESERVE	0	0	0	750,000	1,050,000	300,000
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>	<b>1,050,000</b>	<b>300,000</b>
<b>TOTAL BUDGETED RESERVES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750,000</b>	<b>1,050,000</b>	<b>300,000</b>
<b>TOTAL COMPTROLLER</b>	<b>1,705,345</b>	<b>958,198</b>	<b>1,356,933</b>	<b>1,785,542</b>	<b>2,128,973</b>	<b>343,431</b>

<b>CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL</b>
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	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>107 - TREASURY</b>						
<b>62A10771 - BOND MATURITIES</b>						
<b>DEBT SERVICE</b>						
581B07 STORM DRNG IMPV - 2016	25,000	25,000	30,000	30,000	30,000	0
581B11 LAUNDRY BRK CULV 12/17	120,000	115,000	115,000	115,000	115,000	0
581B12 FOREST GROVE PUMP 2/1	28,000	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
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
<b>TOTAL DEBT SERVICE</b>	<b>258,000</b>	<b>250,000</b>	<b>255,000</b>	<b>255,000</b>	<b>326,300</b>	<b>71,300</b>
<b>TOTAL BOND MATURITIES</b>	<b>258,000</b>	<b>250,000</b>	<b>255,000</b>	<b>255,000</b>	<b>326,300</b>	<b>71,300</b>
<b>62A10772 - INTEREST ON BONDS</b>						
<b>DEBT SERVICE</b>						
582B07 STORM DRAINAGE - 2016	26,650	25,400	24,150	22,650	21,450	-1,200
582B11 LAUNDRY BRK CILV 12/17	95,000	89,125	83,375	77,625	71,875	-5,750
582B12 FOREST GROVE PUMP 2/1	14,790	13,000	12,650	11,400	10,150	-1,250
582B13 HAMMOND BRK CULV 2/19	12,953	12,400	11,400	10,400	9,400	-1,000
582B18 LIBRARY PARKING LOT ST				0	33,308	33,308
582C32 CRAFTS ST INTR SUPP 2/1	21,847	20,850	19,100	17,350	15,600	-1,750
582I28 DPW SWEEPER - 2017	6,712	5,912	5,112	4,312	3,512	-800
582I37 ELGIN STREET SWEEPER	4,108	3,750	3,250	2,750	2,250	-500
<b>TOTAL DEBT SERVICE</b>	<b>182,060</b>	<b>170,437</b>	<b>159,037</b>	<b>146,487</b>	<b>167,545</b>	<b>21,058</b>
<b>TOTAL INTEREST ON BONDS</b>	<b>182,060</b>	<b>170,437</b>	<b>159,037</b>	<b>146,487</b>	<b>167,545</b>	<b>21,058</b>
<b>TOTAL TREASURY</b>	<b>440,060</b>	<b>420,437</b>	<b>414,037</b>	<b>401,487</b>	<b>493,845</b>	<b>92,358</b>

<b>CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL</b>
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	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>108 - LAW</b>						
<b>62A10841 - LEGAL CLAIMS/SETTLEMENTS</b>						
<b>EXPENSES</b>						
572500 CLAIMS/SETTLEMENTS			20,264	0	0	0
<b>TOTAL EXPENSES</b>			<b>20,264</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL LEGAL CLAIMS/SETTLEMENTS</b>			<b>20,264</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL LAW</b>			<b>20,264</b>	<b>0</b>	<b>0</b>	<b>0</b>



**CITY OF NEWTON BUDGET  
DEPARTMENTAL DETAIL**

		ACTUAL	ACTUAL	ACTUAL	ORIGINAL	RECOMMENDED	CHANGE
		2020	2021	2022	2023	2024	2023 to 2024
<b>401 - PUBLIC WORKS</b>							
<b>62A40101 - STORM WATER SYSTEM MAINT.</b>							
<b>PERSONNEL SERVICES</b>							
511001	FULL TIME SALARIES	97,976	99,447	102,812	107,073	103,534	-3,539
511002	FULL TIME WAGES	418,891	464,231	483,654	659,563	656,934	-2,629
511005	DPW LABOR WORK FOR O	8,166	7,441	0	10,000	10,000	0
512008	INTERNS	1,747	0	0	0	0	0
513010	REGULAR OVERTIME	88,532	64,373	112,334	77,250	77,250	0
513040	WORK BY OTHER DEPTS.	8,752	8,883	12,881	15,000	15,000	0
514001	LONGEVITY	8,630	8,889	8,056	8,585	7,917	-668
514005	WORKING OUT OF GRADE	0	107	618	0	0	0
514008	STAND-BY-PAY		1,065	0	0	0	0
514321	PROMPTNESS PAY STIPE	451	590	766	0	0	0
515005	BONUSES	2,625	0	0	0	0	0
515006	VACATION BUY BACK	0	0	3,166	0	0	0
515101	CLOTHING ALLOWANCE	7,500	8,500	7,500	9,500	9,500	0
<b>TOTAL PERSONNEL SERVICES</b>		<b>643,271</b>	<b>663,526</b>	<b>731,787</b>	<b>886,971</b>	<b>880,135</b>	<b>-6,836</b>
<b>EXPENSES</b>							
521000	ELECTRICITY	2,857	2,221	2,995	3,000	3,000	0
524030	MOTOR VEHICLE R-M	751	22,405	15,824	10,000	10,000	0
529230	CLEANING-CATCH BASINS	242,805	166,268	174,154	250,000	250,000	0
530100	CONSULTANTS	0	6,750	0	20,000	20,000	0
530203	ENGINEERING SERVICES	274,883	101,479	99,558	325,000	325,000	0
531900	TRAINING EXPENSES	3,289	1,494	1,479	5,000	5,000	0
534300	ADVERTISING/PUBLICATIO	48	0	0	0	0	0
539000	POLICE PRIVATE DETAIL S	2,531	2,664	2,834	3,000	3,000	0
539300	NAT POLLUT DISCH ELIM S	35,175	0	191,635	150,000	150,000	0
543200	SMALL TOOLS	2,100	0	0	2,500	2,500	0
548400	VEHICLE REPAIR PARTS	9,154	6,207	8,232	10,000	10,000	0
553000	CONSTRUCTION SUPPLIE	39,348	56,944	44,654	60,000	60,000	0
558100	UNIFORMS/PROTECTIVE	1,198	0	0	1,200	1,200	0
558500	COMPUTER SUPPLIES	0	1,259	0	2,000	2,000	0
559200	BOOKS/MANUALS/PERIODI	0	141	154	500	500	0
571000	VEHICLE USE REIMBURSE	113	0	0	0	0	0
571100	IN-STATE CONFERENCES	0	185	385	750	750	0
573000	DUES & SUBSCRIPTIONS	250	250	0	500	500	0
<b>TOTAL EXPENSES</b>		<b>614,501</b>	<b>368,267</b>	<b>541,903</b>	<b>843,450</b>	<b>843,450</b>	<b>0</b>
<b>FRINGE BENEFITS</b>							
57DENT	DENTAL INSURANCE	2,853	2,592	2,193	2,010	1,917	-93
57HLTH	HEALTH INSURANCE	71,032	58,579	64,991	75,683	71,061	-4,622
57LIFE	BASIC LIFE INSURANCE	241	255	248	342	255	-87
57MEDA	MEDICARE PAYROLL TAX	8,810	8,701	10,248	11,378	11,322	-56
57OPEB	OPEB CONTRIBUTION	1,979	2,522	4,029	4,519	8,925	4,406
<b>TOTAL FRINGE BENEFITS</b>		<b>84,916</b>	<b>72,649</b>	<b>81,710</b>	<b>93,932</b>	<b>93,480</b>	<b>-452</b>
<b>CAPITAL EXPENSES</b>							
586004	STORM DRAINAGE SYSTE	111,400	44,961	29,355	100,000	100,940	940

<b>CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL</b>
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	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	ORIGINAL 2023	RECOMMENDED 2024	CHANGE 2023 to 2024
<b>TOTAL CAPITAL EXPENSES</b>	111,400	44,961	29,355	100,000	100,940	940
<b>TOTAL STORM WATER SYSTEM MAINT.</b>	1,454,088	1,149,403	1,384,755	1,924,353	1,918,005	-6,348
<b>62B40119 - BULLOUGHS POND PH 2</b>						
<b>EXPENSES</b>						
530203      ENGINEERING SERVICES	11,000	83,250	0	0	0	0
<b>TOTAL EXPENSES</b>	11,000	83,250	0	0	0	0
<b>TOTAL BULLOUGHS POND PH 2</b>	11,000	83,250	0	0	0	0
<b>TOTAL PUBLIC WORKS</b>	1,465,088	1,232,653	1,384,755	1,924,353	1,918,005	-6,348